



|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------|--------------------------------|----------------------|--------------------------------------------------|----------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>Form Type</b>                                                                                                                                                                                                                                                                                                                            | Distribute                                                                                                                                                  | <b>Version</b>                        | 2.0                       | <b>Ref</b>           | IPC 1752A                      | <b>Sectionals</b>    | Material Info                                    | <b>Subsectionals</b> | D, A             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Supplier Information</b>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Company Name</b>                                                                                                                                                                                                                                                                                                                         | TE Connectivity                                                                                                                                             | <b>Request Document ID</b>            |                           | <b>Contact Name</b>  | Adrian, Bernd                  | <b>Contact Title</b> | Sr R&D/Product Dvl Engineer, Product Development |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Company Unique ID</b>                                                                                                                                                                                                                                                                                                                    | TE Connectivity                                                                                                                                             | <b>Response Date</b>                  | 2017-11-09                | <b>Contact Email</b> | bernd.adrian@te.com            |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Contact Phone Number</b>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                             | +431905601813                         |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Legal Statement</b>                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Supplier Acceptance</b>                                                                                                                                                                                                                                                                                                                  | true                                                                                                                                                        |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Legal Statement</b>                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The information provided in this document is based upon reasonable inquiry of our suppliers. This information is subject to change. This information does not in any way modify existing purchase specifications or existing contractual or other agreements terms between TE Connectivity (or its affiliated companies) and its customers. |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Product</b>                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Manufacturer Item number</b>                                                                                                                                                                                                                                                                                                             | 3-1419108-5                                                                                                                                                 | <b>Amount</b>                         | 13103.922                 | <b>Version</b>       | -                              | <b>Identity</b>      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Manufacturer Item Name</b>                                                                                                                                                                                                                                                                                                               | RTD34012                                                                                                                                                    | <b>Weight Uom</b>                     | mg                        | <b>Mfr Site</b>      |                                | <b>Authority</b>     |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Date</b>                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                             | <b>UOM</b>                            | Each                      |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>EUROHS-0508</b>                                                                                                                                                                                                                                                                                                                          | Product(s) meets EU RoHS requirement without any exemptions                                                                                                 |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>ChinaRoHS-0508</b>                                                                                                                                                                                                                                                                                                                       | Product(s) is eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>EUREACH-0117</b>                                                                                                                                                                                                                                                                                                                         | REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH                           |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Complex Article Description</b>                                                                                                                                                                                                                                                                                                          | REACH Candidate Substances of Very High Concern according to Once an Article Always an Article are Not Yet Reviewed                                         |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Product Disclosure</b>                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                             |                                       |                           |                      |                                |                      |                                                  |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Sub-Item/Material/Substance</b>                                                                                                                                                                                                                                                                                                          | <b>Level</b>                                                                                                                                                | <b>Name</b>                           | <b>Substance Category</b> | <b>Substance CAS</b> | <b>Substance Concentration</b> | <b>Quantity</b>      | <b>Mass per Unit</b>                             | <b>UOM</b>           | <b>Exemption</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sub-Item                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                           | RT72400 NO TERM.+AGNI CONTACT 16A 5MM |                           |                      |                                | 1.0                  | 610.0                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | Copper                                |                           |                      |                                | 1.0                  | 543.0                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Nickel                                | Nickel                    | 7440-02-0            | 0.05                           | 1.0                  | 0.2715                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Chromium                              | Supplier                  | 7440-47-3            | 0.0010                         | 1.0                  | 0.00543                                          | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Copper                                | Supplier                  | 7440-50-8            | 99.7575                        | 1.0                  | 541.68323                                        | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Beryllium                             | Supplier                  | 7440-41-7            | 0.0010                         | 1.0                  | 0.00543                                          | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Arsenic                               | Supplier                  | 7440-38-2            | 0.0050                         | 1.0                  | 0.02715                                          | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Antimony                              | Supplier                  | 7440-36-0            | 0.01                           | 1.0                  | 0.0543                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Manganese                             | Supplier                  | 7439-96-5            | 0.02                           | 1.0                  | 0.1086                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Cobalt                                | Supplier                  | 7440-48-4            | 0.1                            | 1.0                  | 0.543                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Lead                                  | Lead/Lead Compounds       | 7439-92-1            | 0.05                           | 1.0                  | 0.2715                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Mercury                               | Mercury/Mercury Compounds | 7439-97-6            | 5.0E-4                         | 1.0                  | 0.002715                                         | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Cadmium                               | Cadmium/Cadmium Compounds | 7440-43-9            | 0.0050                         | 1.0                  | 0.02715                                          | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | CuNi9Sn2                              |                           |                      |                                | 1.0                  | 45.0                                             | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Iron                                  | Supplier                  | 7439-89-6            | 0.3                            | 1.0                  | 0.135                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Zinc                                  | Supplier                  | 7440-66-6            | 0.1                            | 1.0                  | 0.045                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Tin                                   | Supplier                  | 7440-31-5            | 2.3                            | 1.0                  | 1.035                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Copper                                | Supplier                  | 7440-50-8            | 87.48                          | 1.0                  | 39.366                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Manganese                             | Supplier                  | 7439-96-5            | 0.3                            | 1.0                  | 0.135                                            | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Nickel                                | Nickel                    | 7440-02-0            | 9.49                           | 1.0                  | 4.2705                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Lead                                  | Lead/Lead Compounds       | 7439-92-1            | 0.03                           | 1.0                  | 0.0135                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | AgNi10                                |                           |                      |                                | 1.0                  | 22.0                                             | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Nickel                                | Nickel                    | 7440-02-0            | 9.93                           | 1.0                  | 2.1846                                           | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Silver                                | Supplier                  | 7440-22-4            | 90.07                          | 1.0                  | 19.8154                                          | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sub-Item                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                           | Adhesive and Sealants                 |                           |                      |                                | 1.0                  | 1.0                                              | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | Vitralit 9181                         |                           |                      |                                | 1.0                  | 1.0                                              | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Magnopiptin (9CI)                     | Supplier                  | 9063-87-0            | 100.0                          | 1.0                  | 1.0                                              | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|           |   |                                                                                                                                                           |                                  |                   |         |     |            |    |  |
|-----------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|---------|-----|------------|----|--|
| Sub-Item  | 1 | RT71012--A<br>MAGN.SYST.<br>12V DC                                                                                                                        |                                  |                   |         | 1.0 | 8338.8     | mg |  |
| Material  | 2 | Beryllium<br>Copper                                                                                                                                       |                                  |                   |         | 1.0 | 12.0       | mg |  |
| Substance | 3 | Copper                                                                                                                                                    | Supplier                         | 7440-50-8         | 96.9485 | 1.0 | 11.63382   | mg |  |
| Substance | 3 | Manganese                                                                                                                                                 | Supplier                         | 7439-96-5         | 0.02    | 1.0 | 0.0024     | mg |  |
| Substance | 3 | Antimony                                                                                                                                                  | Supplier                         | 7440-36-0         | 0.01    | 1.0 | 0.0012     | mg |  |
| Substance | 3 | Beryllium                                                                                                                                                 | Supplier                         | 7440-41-7         | 0.6     | 1.0 | 0.072      | mg |  |
| Substance | 3 | Arsenic                                                                                                                                                   | Supplier                         | 7440-38-2         | 0.01    | 1.0 | 0.0012     | mg |  |
| Substance | 3 | Chromium                                                                                                                                                  | Supplier                         | 7440-47-3         | 0.0010  | 1.0 | 1.2E-4     | mg |  |
| Substance | 3 | Cobalt                                                                                                                                                    | Supplier                         | 7440-48-4         | 0.1     | 1.0 | 0.012      | mg |  |
| Substance | 3 | Cadmium                                                                                                                                                   | Cadmium/Cad<br>mium<br>Compounds | 7440-43-9         | 0.01    | 1.0 | 0.0012     | mg |  |
| Substance | 3 | Lead                                                                                                                                                      | Lead/Lead<br>Compounds           | 7439-92-1         | 0.1     | 1.0 | 0.012      | mg |  |
| Substance | 3 | Mercury                                                                                                                                                   | Mercury/Mercu<br>ry<br>Compounds | 7439-97-6         | 5.0E-4  | 1.0 | 6.0E-5     | mg |  |
| Substance | 3 | Nickel                                                                                                                                                    | Nickel                           | 7440-02-0         | 2.2     | 1.0 | 0.264      | mg |  |
| Material  | 2 | Tin Plate                                                                                                                                                 |                                  |                   |         | 1.0 | 0.3        | mg |  |
| Substance | 3 | Tin                                                                                                                                                       | Supplier                         | 7440-31-5         | 99.73   | 1.0 | 0.29919    | mg |  |
| Substance | 3 | Contains No<br>Reportable<br>TE5081-2<br>Substances                                                                                                       | Supplier                         | TE5081-2-<br>1212 | 0.2     | 1.0 | 6.0E-4     | mg |  |
| Substance | 3 | Lead                                                                                                                                                      | Lead/Lead<br>Compounds           | 7439-92-1         | 0.07    | 1.0 | 2.1E-4     | mg |  |
| Material  | 2 | Copper                                                                                                                                                    |                                  |                   |         | 1.0 | 2664.296   | mg |  |
| Substance | 3 | Cobalt                                                                                                                                                    | Supplier                         | 7440-48-4         | 0.1     | 1.0 | 2.6643     | mg |  |
| Substance | 3 | Arsenic                                                                                                                                                   | Supplier                         | 7440-38-2         | 0.01    | 1.0 | 0.26643    | mg |  |
| Substance | 3 | Beryllium                                                                                                                                                 | Supplier                         | 7440-41-7         | 0.0010  | 1.0 | 0.02664296 | mg |  |
| Substance | 3 | Chromium                                                                                                                                                  | Supplier                         | 7440-47-3         | 0.0010  | 1.0 | 0.02664296 | mg |  |
| Substance | 3 | Copper                                                                                                                                                    | Supplier                         | 7440-50-8         | 99.6975 | 1.0 | 2656.2365  | mg |  |
| Substance | 3 | Antimony                                                                                                                                                  | Supplier                         | 7440-36-0         | 0.01    | 1.0 | 0.26643    | mg |  |
| Substance | 3 | Manganese                                                                                                                                                 | Supplier                         | 7439-96-5         | 0.02    | 1.0 | 0.53286    | mg |  |
| Substance | 3 | Lead                                                                                                                                                      | Lead/Lead<br>Compounds           | 7439-92-1         | 0.1     | 1.0 | 2.6643     | mg |  |
| Substance | 3 | Cadmium                                                                                                                                                   | Cadmium/Cad<br>mium<br>Compounds | 7440-43-9         | 0.01    | 1.0 | 0.26643    | mg |  |
| Substance | 3 | Nickel                                                                                                                                                    | Nickel                           | 7440-02-0         | 0.05    | 1.0 | 1.33215    | mg |  |
| Substance | 3 | Mercury                                                                                                                                                   | Mercury/Mercu<br>ry<br>Compounds | 7439-97-6         | 5.0E-4  | 1.0 | 0.01332148 | mg |  |
| Material  | 2 | 100-enamel                                                                                                                                                |                                  |                   |         | 1.0 | 295.704    | mg |  |
| Substance | 3 | Contains No<br>Reportable<br>TE5081-2<br>Substances                                                                                                       | Supplier                         | TE5081-2-<br>0217 | 100.0   | 1.0 | 295.704    | mg |  |
| Material  | 2 | PBT-GF45                                                                                                                                                  |                                  |                   |         | 1.0 | 297.0      | mg |  |
| Substance | 3 | Phenol, 4,4-(1-<br>methylethylide<br>ne)bis-,<br>polymer with<br>2,2-[(1-<br>methylethylide<br>ne)bis(4,1-<br>phenyleneoxy<br>methylene)]bis[<br>oxirane] | Supplier                         | 25036-25-3        | 0.2131  | 1.0 | 0.63291    | mg |  |
| Substance | 3 | Talc<br>(Mg3H2(SiO3)<br>4)                                                                                                                                | Supplier                         | 14807-96-6        | 0.2558  | 1.0 | 0.75973    | mg |  |
| Substance | 3 | Contains No<br>Reportable<br>TE5081-2<br>Substances                                                                                                       | Supplier                         | TE5081-2-<br>0217 | 8.0173  | 1.0 | 23.81138   | mg |  |
| Substance | 3 | 1,4-<br>Benzenedicarb<br>oxylic acid, 1,4-<br>dimethyl ester,<br>polymer with<br>1,4-butanediol                                                           | Supplier                         | 30965-26-5        | 42.6439 | 1.0 | 126.65238  | mg |  |
| Substance | 3 | Antimony oxide<br>(Sb2O3)                                                                                                                                 | Supplier                         | 1309-64-4         | 4.0938  | 1.0 | 12.15859   | mg |  |
| Substance | 3 | Glass, oxide,<br>chemicals                                                                                                                                | Supplier                         | 65997-17-3        | 44.7761 | 1.0 | 132.98502  | mg |  |
| Material  | 2 | Iron Strip                                                                                                                                                |                                  |                   |         | 1.0 | 4988.0     | mg |  |
| Substance | 3 | Vanadium                                                                                                                                                  | Supplier                         | 7440-62-2         | 0.0070  | 1.0 | 0.34916    | mg |  |
| Substance | 3 | Silicon                                                                                                                                                   | Supplier                         | 7440-21-3         | 0.15    | 1.0 | 7.482      | mg |  |
| Substance | 3 | Arsenic                                                                                                                                                   | Supplier                         | 7440-38-2         | 0.0099  | 1.0 | 0.49381    | mg |  |
| Substance | 3 | Titanium                                                                                                                                                  | Supplier                         | 7440-32-6         | 0.0070  | 1.0 | 0.34916    | mg |  |
| Substance | 3 | Manganese                                                                                                                                                 | Supplier                         | 7439-96-5         | 0.36    | 1.0 | 17.9568    | mg |  |
| Substance | 3 | Aluminum                                                                                                                                                  | Supplier                         | 7429-90-5         | 0.09    | 1.0 | 4.4892     | mg |  |

|           |   |                                                                                                                                                                        |                           |               |         |     |            |    |  |
|-----------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|---------|-----|------------|----|--|
| Substance | 3 | Copper                                                                                                                                                                 | Supplier                  | 7440-50-8     | 0.08    | 1.0 | 3.9904     | mg |  |
| Substance | 3 | Phosphorus                                                                                                                                                             | Supplier                  | 7723-14-0     | 0.022   | 1.0 | 1.09736    | mg |  |
| Substance | 3 | Antimony                                                                                                                                                               | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.4988     | mg |  |
| Substance | 3 | Carbon                                                                                                                                                                 | Supplier                  | 7440-44-0     | 0.01    | 1.0 | 0.4988     | mg |  |
| Substance | 3 | Chromium                                                                                                                                                               | Supplier                  | 7440-47-3     | 0.06    | 1.0 | 2.9928     | mg |  |
| Substance | 3 | Iron                                                                                                                                                                   | Supplier                  | 7439-89-6     | 98.8887 | 1.0 | 4932.56836 | mg |  |
| Substance | 3 | Sulfur                                                                                                                                                                 | Supplier                  | 7704-34-9     | 0.022   | 1.0 | 1.09736    | mg |  |
| Substance | 3 | Cobalt                                                                                                                                                                 | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 4.988      | mg |  |
| Substance | 3 | Beryllium                                                                                                                                                              | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 0.04988    | mg |  |
| Substance | 3 | Nitrogen                                                                                                                                                               | Supplier                  | 7727-37-9     | 0.0070  | 1.0 | 0.34916    | mg |  |
| Substance | 3 | Nickel                                                                                                                                                                 | Nickel                    | 7440-02-0     | 0.07    | 1.0 | 3.4916     | mg |  |
| Substance | 3 | Mercury                                                                                                                                                                | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 0.02494    | mg |  |
| Substance | 3 | Lead                                                                                                                                                                   | Lead/Lead Compounds       | 7439-92-1     | 0.0999  | 1.0 | 4.98301    | mg |  |
| Substance | 3 | Cadmium                                                                                                                                                                | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.2494     | mg |  |
| Material  | 2 | Copper Plate                                                                                                                                                           |                           |               |         | 1.0 | 28.5       | mg |  |
| Substance | 3 | Lead                                                                                                                                                                   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.0285     | mg |  |
| Substance | 3 | Copper                                                                                                                                                                 | Supplier                  | 7440-50-8     | 99.9    | 1.0 | 28.4715    | mg |  |
| Material  | 2 | Phos Bronze                                                                                                                                                            |                           |               |         | 1.0 | 36.0       | mg |  |
| Substance | 3 | Antimony                                                                                                                                                               | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.0036     | mg |  |
| Substance | 3 | Copper                                                                                                                                                                 | Supplier                  | 7440-50-8     | 91.9385 | 1.0 | 33.09786   | mg |  |
| Substance | 3 | Chromium                                                                                                                                                               | Supplier                  | 7440-47-3     | 0.01    | 1.0 | 0.0036     | mg |  |
| Substance | 3 | Zinc                                                                                                                                                                   | Supplier                  | 7440-66-6     | 0.3     | 1.0 | 0.108      | mg |  |
| Substance | 3 | Manganese                                                                                                                                                              | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 0.0072     | mg |  |
| Substance | 3 | Beryllium                                                                                                                                                              | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 3.6E-4     | mg |  |
| Substance | 3 | Cobalt                                                                                                                                                                 | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.036      | mg |  |
| Substance | 3 | Tin                                                                                                                                                                    | Supplier                  | 7440-31-5     | 7.0     | 1.0 | 2.52       | mg |  |
| Substance | 3 | Phosphorus                                                                                                                                                             | Supplier                  | 7723-14-0     | 0.35    | 1.0 | 0.126      | mg |  |
| Substance | 3 | Arsenic                                                                                                                                                                | Supplier                  | 7440-38-2     | 0.015   | 1.0 | 0.0054     | mg |  |
| Substance | 3 | Iron                                                                                                                                                                   | Supplier                  | 7439-89-6     | 0.1     | 1.0 | 0.036      | mg |  |
| Substance | 3 | Mercury                                                                                                                                                                | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.8E-4     | mg |  |
| Substance | 3 | Cadmium                                                                                                                                                                | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.0018     | mg |  |
| Substance | 3 | Nickel                                                                                                                                                                 | Nickel                    | 7440-02-0     | 0.1     | 1.0 | 0.036      | mg |  |
| Substance | 3 | Lead                                                                                                                                                                   | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 0.018      | mg |  |
| Material  | 2 | Nickel Plate                                                                                                                                                           |                           |               |         | 1.0 | 17.0       | mg |  |
| Substance | 3 | Lead                                                                                                                                                                   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.017      | mg |  |
| Substance | 3 | Nickel                                                                                                                                                                 | Nickel                    | 7440-02-0     | 99.7    | 1.0 | 16.949     | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                                                                                                             | Supplier                  | TE5081-2-1212 | 0.2     | 1.0 | 0.034      | mg |  |
| Sub-Item  | 1 | RT16000--D KAPPE 1-POL                                                                                                                                                 |                           |               |         | 1.0 | 1131.122   | mg |  |
| Material  | 2 | PBT-GF12                                                                                                                                                               |                           |               |         | 1.0 | 1131.122   | mg |  |
| Substance | 3 | Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,1-[2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl] ester | Supplier                  | 6683-19-8     | 0.34    | 1.0 | 3.84581    | mg |  |
| Substance | 3 | Poly(butylene terephthalate) - ISO 1043-1 Term PBT                                                                                                                     | Supplier                  | 1043-1-PBT    | 80.61   | 1.0 | 911.79744  | mg |  |
| Substance | 3 | Antimony oxide (Sb2O3)                                                                                                                                                 | Supplier                  | 1309-64-4     | 6.5     | 1.0 | 73.52293   | mg |  |
| Substance | 3 | Glass, oxide, chemicals                                                                                                                                                | Supplier                  | 65997-17-3    | 12.5    | 1.0 | 141.39025  | mg |  |
| Substance | 3 | Titanium oxide (TiO2)                                                                                                                                                  | Supplier                  | 13463-67-7    | 0.05    | 1.0 | 0.56556    | mg |  |
| Sub-Item  | 1 | RT16014--E KAMM 1-POL DC                                                                                                                                               |                           |               |         | 1.0 | 219.0      | mg |  |
| Material  | 2 | PBT-GF30-FR(17)                                                                                                                                                        |                           |               |         | 1.0 | 219.0      | mg |  |

|           |   |                                                                                                                          |                           |               |         |     |          |    |  |
|-----------|---|--------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|---------|-----|----------|----|--|
| Substance | 3 | Poly(butylene terephthalate) - ISO 1043-1 Term PBT                                                                       | Supplier                  | 1043-1-PBT    | 40.0    | 1.0 | 87.6     | mg |  |
| Substance | 3 | Glass, oxide, chemicals                                                                                                  | Supplier                  | 65997-17-3    | 30.0    | 1.0 | 65.7     | mg |  |
| Substance | 3 | Ethene, 1,1,2,2-tetrafluoro-, homopolymer                                                                                | Supplier                  | 9002-84-0     | 1.0     | 1.0 | 2.19     | mg |  |
| Substance | 3 | Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)                                              | Supplier                  | 1043-4-FR17   | 15.0    | 1.0 | 32.85    | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                                                               | Supplier                  | TE5081-2-1212 | 10.0    | 1.0 | 21.9     | mg |  |
| Substance | 3 | Antimony oxide (Sb2O3)                                                                                                   | Supplier                  | 1309-64-4     | 4.0     | 1.0 | 8.76     | mg |  |
| Sub-Item  | 1 | RT16002-I GRUNDKOEER PER 1-POL                                                                                           |                           |               |         | 1.0 | 1700.0   | mg |  |
| Material  | 2 | PBT-GF45                                                                                                                 |                           |               |         | 1.0 | 1700.0   | mg |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2,2-[(1-methylethylidene)bis(4,1-phenyleneoxy methylene)]bis[oxirane] | Supplier                  | 25036-25-3    | 0.2131  | 1.0 | 3.6227   | mg |  |
| Substance | 3 | Talc (Mg3H2(SiO3)4)                                                                                                      | Supplier                  | 14807-96-6    | 0.2558  | 1.0 | 4.3486   | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                                                               | Supplier                  | TE5081-2-0217 | 8.0173  | 1.0 | 136.2941 | mg |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol                                            | Supplier                  | 30965-26-5    | 42.6439 | 1.0 | 724.9463 | mg |  |
| Substance | 3 | Antimony oxide (Sb2O3)                                                                                                   | Supplier                  | 1309-64-4     | 4.0938  | 1.0 | 69.5946  | mg |  |
| Substance | 3 | Glass, oxide, chemicals                                                                                                  | Supplier                  | 65997-17-3    | 44.7761 | 1.0 | 761.1937 | mg |  |
| Sub-Item  | 1 | RT72457 TERM +CO SPRING 16A NO                                                                                           |                           |               |         | 1.0 | 424.0    | mg |  |
| Material  | 2 | Copper                                                                                                                   |                           |               |         | 1.0 | 236.0    | mg |  |
| Substance | 3 | Nickel                                                                                                                   | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 0.118    | mg |  |
| Substance | 3 | Chromium                                                                                                                 | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 0.00236  | mg |  |
| Substance | 3 | Copper                                                                                                                   | Supplier                  | 7440-50-8     | 99.7575 | 1.0 | 235.4277 | mg |  |
| Substance | 3 | Beryllium                                                                                                                | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 0.00236  | mg |  |
| Substance | 3 | Arsenic                                                                                                                  | Supplier                  | 7440-38-2     | 0.0050  | 1.0 | 0.0118   | mg |  |
| Substance | 3 | Antimony                                                                                                                 | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.0236   | mg |  |
| Substance | 3 | Manganese                                                                                                                | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 0.0472   | mg |  |
| Substance | 3 | Cobalt                                                                                                                   | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.236    | mg |  |
| Substance | 3 | Lead                                                                                                                     | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 0.118    | mg |  |
| Substance | 3 | Mercury                                                                                                                  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 0.00118  | mg |  |
| Substance | 3 | Cadmium                                                                                                                  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.0118   | mg |  |
| Material  | 2 | CuNi9Sn2                                                                                                                 |                           |               |         | 1.0 | 42.0     | mg |  |
| Substance | 3 | Iron                                                                                                                     | Supplier                  | 7439-89-6     | 0.3     | 1.0 | 0.126    | mg |  |
| Substance | 3 | Zinc                                                                                                                     | Supplier                  | 7440-66-6     | 0.1     | 1.0 | 0.042    | mg |  |
| Substance | 3 | Tin                                                                                                                      | Supplier                  | 7440-31-5     | 2.3     | 1.0 | 0.966    | mg |  |
| Substance | 3 | Copper                                                                                                                   | Supplier                  | 7440-50-8     | 87.48   | 1.0 | 36.7416  | mg |  |
| Substance | 3 | Manganese                                                                                                                | Supplier                  | 7439-96-5     | 0.3     | 1.0 | 0.126    | mg |  |
| Substance | 3 | Nickel                                                                                                                   | Nickel                    | 7440-02-0     | 9.49    | 1.0 | 3.9858   | mg |  |
| Substance | 3 | Lead                                                                                                                     | Lead/Lead Compounds       | 7439-92-1     | 0.03    | 1.0 | 0.0126   | mg |  |
| Material  | 2 | Copper Alloy                                                                                                             |                           |               |         | 1.0 | 123.0    | mg |  |
| Substance | 3 | Lead                                                                                                                     | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 0.0615   | mg |  |
| Substance | 3 | Zinc                                                                                                                     | Supplier                  | 7440-66-6     | 1.0     | 1.0 | 1.23     | mg |  |
| Substance | 3 | Silicon                                                                                                                  | Supplier                  | 7440-21-3     | 1.2     | 1.0 | 1.476    | mg |  |

|           |   |                                                                            |                           |               |         |     |           |    |  |
|-----------|---|----------------------------------------------------------------------------|---------------------------|---------------|---------|-----|-----------|----|--|
| Substance | 3 | Cobalt                                                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.123     | mg |  |
| Substance | 3 | Copper                                                                     | Supplier                  | 7440-50-8     | 92.7685 | 1.0 | 114.10525 | mg |  |
| Substance | 3 | Chromium                                                                   | Supplier                  | 7440-47-3     | 0.06    | 1.0 | 0.0738    | mg |  |
| Substance | 3 | Beryllium                                                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 0.00123   | mg |  |
| Substance | 3 | Magnesium                                                                  | Supplier                  | 7439-95-4     | 0.3     | 1.0 | 0.369     | mg |  |
| Substance | 3 | Manganese                                                                  | Supplier                  | 7439-96-5     | 0.1     | 1.0 | 0.123     | mg |  |
| Substance | 3 | Iron                                                                       | Supplier                  | 7439-89-6     | 0.2     | 1.0 | 0.246     | mg |  |
| Substance | 3 | Arsenic                                                                    | Supplier                  | 7440-38-2     | 0.0050  | 1.0 | 0.00615   | mg |  |
| Substance | 3 | Antimony                                                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.0123    | mg |  |
| Substance | 3 | Nickel                                                                     | Nickel                    | 7440-02-0     | 4.2     | 1.0 | 5.166     | mg |  |
| Substance | 3 | Cadmium                                                                    | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.00615   | mg |  |
| Substance | 3 | Mercury                                                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 6.15E-4   | mg |  |
| Material  | 2 | AgNi10                                                                     |                           |               |         | 1.0 | 23.0      | mg |  |
| Substance | 3 | Nickel                                                                     | Nickel                    | 7440-02-0     | 9.93    | 1.0 | 2.2839    | mg |  |
| Substance | 3 | Silver                                                                     | Supplier                  | 7440-22-4     | 90.07   | 1.0 | 20.7161   | mg |  |
| Sub-Item  | 1 | Adhesive and Sealants                                                      |                           |               |         | 1.0 | 156.0     | mg |  |
| Material  | 2 | Adhesive                                                                   |                           |               |         | 1.0 | 156.0     | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                 | Supplier                  | TE5081-2-1212 | 71.3    | 1.0 | 111.228   | mg |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane | Supplier                  | 25068-38-6    | 12.6    | 1.0 | 19.656    | mg |  |
| Substance | 3 | Carbonic acid calcium salt (1:1)                                           | Supplier                  | 471-34-1      | 16.1    | 1.0 | 25.116    | mg |  |
| Sub-Item  | 1 | RT72451---NC DUMMY B TERMINAL                                              |                           |               |         | 1.0 | 524.0     | mg |  |
| Material  | 2 | Copper                                                                     |                           |               |         | 1.0 | 524.0     | mg |  |
| Substance | 3 | Nickel                                                                     | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 0.262     | mg |  |
| Substance | 3 | Chromium                                                                   | Supplier                  | 7440-47-3     | 0.0010  | 1.0 | 0.00524   | mg |  |
| Substance | 3 | Copper                                                                     | Supplier                  | 7440-50-8     | 99.7575 | 1.0 | 522.7293  | mg |  |
| Substance | 3 | Beryllium                                                                  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 0.00524   | mg |  |
| Substance | 3 | Arsenic                                                                    | Supplier                  | 7440-38-2     | 0.0050  | 1.0 | 0.0262    | mg |  |
| Substance | 3 | Antimony                                                                   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.0524    | mg |  |
| Substance | 3 | Manganese                                                                  | Supplier                  | 7439-96-5     | 0.02    | 1.0 | 0.1048    | mg |  |
| Substance | 3 | Cobalt                                                                     | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.524     | mg |  |
| Substance | 3 | Lead                                                                       | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 0.262     | mg |  |
| Substance | 3 | Mercury                                                                    | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 0.00262   | mg |  |
| Substance | 3 | Cadmium                                                                    | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.0262    | mg |  |