



|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                             |                                            |                           |                      |                                |                      |                          |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------------|----------------------|--------------------------------|----------------------|--------------------------|----------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <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>  | Benfer, David W                | <b>Contact Title</b> | Prod Compliance Engineer |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Company Unique ID</b>                                                                                                                                                                                                                                                                                                                    | TE Connectivity                                                                                                                                             | <b>Response Date</b>                       | 2017-10-13                | <b>Contact Email</b> | dave.benfer@te.com             |                      |                          |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Contact Phone Number</b>                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                             | 717-986-3725                               |                           |                      |                                |                      |                          |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <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>                                                                                                                                                                                                                                                                                                             | 2110929-1                                                                                                                                                   | <b>Amount</b>                              | 6638.051                  | <b>Version</b>       | -                              | <b>Identity</b>      |                          |                      |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Manufacturer Item Name</b>                                                                                                                                                                                                                                                                                                               | SFP+ 1x1 Cage Assembly, Light Pipe                                                                                                                          | <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                                                                                                                                                           | SFP+ 1x1 Cage Assembly, Press-Fit          |                           |                      |                                | 1.0                  | 5103.271                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | Tin Plate                                  |                           |                      |                                | 1.0                  | 9.097                    | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Contains No Reportable TE5081-2 Substances | Supplier                  | TE5081-2-1212        | 0.2                            | 1.0                  | 0.018194                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Tin                                        | Supplier                  | 7440-31-5            | 99.73                          | 1.0                  | 9.07244                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Lead                                       | Lead/Lead Compounds       | 7439-92-1            | 0.07                           | 1.0                  | 0.0063679                | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | Phos Bronze                                |                           |                      |                                | 1.0                  | 318.03                   | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Copper                                     | Supplier                  | 7440-50-8            | 94.6985                        | 1.0                  | 301.16964                | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Manganese                                  | Supplier                  | 7439-96-5            | 0.02                           | 1.0                  | 0.063606                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Chromium                                   | Supplier                  | 7440-47-3            | 0.01                           | 1.0                  | 0.031803                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Tin                                        | Supplier                  | 7440-31-5            | 4.5                            | 1.0                  | 14.31135                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Arsenic                                    | Supplier                  | 7440-38-2            | 0.0050                         | 1.0                  | 0.0159015                | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Iron                                       | Supplier                  | 7439-89-6            | 0.1                            | 1.0                  | 0.31803                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Antimony                                   | Supplier                  | 7440-36-0            | 0.01                           | 1.0                  | 0.031803                 | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Beryllium                                  | Supplier                  | 7440-41-7            | 0.0010                         | 1.0                  | 0.0031803                | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Zinc                                       | Supplier                  | 7440-66-6            | 0.3                            | 1.0                  | 0.95409                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Phosphorus                                 | Supplier                  | 7723-14-0            | 0.1                            | 1.0                  | 0.31803                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Cobalt                                     | Supplier                  | 7440-48-4            | 0.1                            | 1.0                  | 0.31803                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Cadmium                                    | Cadmium/Cadmium Compounds | 7440-43-9            | 0.0050                         | 1.0                  | 0.0159015                | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Lead                                       | Lead/Lead Compounds       | 7439-92-1            | 0.05                           | 1.0                  | 0.15902                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Nickel                                     | Nickel                    | 7440-02-0            | 0.1                            | 1.0                  | 0.31803                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6            | 5.0E-4                         | 1.0                  | 0.00159015               | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                           | Nickel Alloy                               |                           |                      |                                | 1.0                  | 4765.0                   | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Copper                                     | Supplier                  | 7440-50-8            | 56.0                           | 1.0                  | 2668.4                   | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Beryllium                                  | Supplier                  | 7440-41-7            | 0.0010                         | 1.0                  | 0.04765                  | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Arsenic                                    | Supplier                  | 7440-38-2            | 0.01                           | 1.0                  | 0.4765                   | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Substance                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                           | Antimony                                   | Supplier                  | 7440-36-0            | 0.01                           | 1.0                  | 0.4765                   | mg                   |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|           |   |                                                                                                               |                           |               |         |     |            |    |  |
|-----------|---|---------------------------------------------------------------------------------------------------------------|---------------------------|---------------|---------|-----|------------|----|--|
| Substance | 3 | Chromium                                                                                                      | Supplier                  | 7440-47-3     | 0.01    | 1.0 | 0.4765     | mg |  |
| Substance | 3 | Cobalt                                                                                                        | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 4.765      | mg |  |
| Substance | 3 | Iron                                                                                                          | Supplier                  | 7439-89-6     | 0.25    | 1.0 | 11.9125    | mg |  |
| Substance | 3 | Zinc                                                                                                          | Supplier                  | 7440-66-6     | 23.5635 | 1.0 | 1122.80077 | mg |  |
| Substance | 3 | Manganese                                                                                                     | Supplier                  | 7439-96-5     | 0.5     | 1.0 | 23.825     | mg |  |
| Substance | 3 | Cadmium                                                                                                       | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 1.0 | 0.23825    | mg |  |
| Substance | 3 | Nickel                                                                                                        | Nickel                    | 7440-02-0     | 19.5    | 1.0 | 929.175    | mg |  |
| Substance | 3 | Mercury                                                                                                       | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 0.023825   | mg |  |
| Substance | 3 | Lead                                                                                                          | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 1.0 | 2.3825     | mg |  |
| Material  | 2 | Nickel Plate                                                                                                  |                           |               |         | 1.0 | 11.144     | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                                                    | Supplier                  | TE5081-2-1212 | 0.2     | 1.0 | 0.022288   | mg |  |
| Substance | 3 | Lead                                                                                                          | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.011144   | mg |  |
| Substance | 3 | Nickel                                                                                                        | Nickel                    | 7440-02-0     | 99.7    | 1.0 | 11.11057   | mg |  |
| Sub-Item  | 1 | light pipe assy, 1x1 sfp                                                                                      |                           |               |         | 1.0 | 1534.78    | mg |  |
| Material  | 2 | PC                                                                                                            |                           |               |         | 1.0 | 804.78     | mg |  |
| Substance | 3 | Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[phenol], 4-(1-methyl-1-phenylethyl)phenyl ester | Supplier                  | 111211-39-3   | 95.985  | 1.0 | 772.46808  | mg |  |
| Substance | 3 | 9,10-Anthracenedione, 1,4-bis[(2-methylphenyl)amino]-                                                         | Supplier                  | 6737-68-4     | 0.5     | 1.0 | 4.0239     | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                                                    | Supplier                  | TE5081-2-1212 | 2.0     | 1.0 | 16.0956    | mg |  |
| Substance | 3 | Methane, dichloro-                                                                                            | Supplier                  | 75-09-2       | 0.0050  | 1.0 | 0.040239   | mg |  |
| Substance | 3 | Aromatic Brominated flame retardant - ISO 1043-4 code #FR(16)                                                 | Supplier                  | 1043-4-FR16   | 0.8     | 1.0 | 6.43824    | mg |  |
| Substance | 3 | 9,10-Anthracenedione, 1,8-bis[(4-methylphenyl)amino]-                                                         | Supplier                  | 82-16-6       | 0.1     | 1.0 | 0.80478    | mg |  |
| Substance | 3 | Phenol, 2,4-bis(1,1-dimethylethyl)-, 1,1,1-phosphite                                                          | Supplier                  | 31570-04-4    | 0.5     | 1.0 | 4.0239     | mg |  |
| Substance | 3 | Benzenesulfonic acid, 3,3-sulfonylbis-, potassium salt (1:2)                                                  | Supplier                  | 63316-33-6    | 0.1     | 1.0 | 0.80478    | mg |  |
| Substance | 3 | 4,4'-isopropylidene diphenol (bisphenol A; BPA)                                                               | Supplier                  | 80-05-7       | 0.01    | 1.0 | 0.080478   | mg |  |
| Material  | 2 | Stainless Steel                                                                                               |                           |               |         | 1.0 | 730.0      | mg |  |
| Substance | 3 | Antimony                                                                                                      | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.073      | mg |  |
| Substance | 3 | Cobalt                                                                                                        | Supplier                  | 7440-48-4     | 0.35    | 1.0 | 2.555      | mg |  |
| Substance | 3 | Beryllium                                                                                                     | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 0.0073     | mg |  |
| Substance | 3 | Silicon                                                                                                       | Supplier                  | 7440-21-3     | 1.0     | 1.0 | 7.3        | mg |  |
| Substance | 3 | Manganese                                                                                                     | Supplier                  | 7439-96-5     | 2.0     | 1.0 | 14.6       | mg |  |
| Substance | 3 | Phosphorus                                                                                                    | Supplier                  | 7723-14-0     | 0.05    | 1.0 | 0.365      | mg |  |
| Substance | 3 | Chromium                                                                                                      | Supplier                  | 7440-47-3     | 19.0    | 1.0 | 138.7      | mg |  |
| Substance | 3 | Iron                                                                                                          | Supplier                  | 7439-89-6     | 66.4885 | 1.0 | 485.36605  | mg |  |
| Substance | 3 | Carbon                                                                                                        | Supplier                  | 7440-44-0     | 0.15    | 1.0 | 1.095      | mg |  |
| Substance | 3 | Molybdenum                                                                                                    | Supplier                  | 7439-98-7     | 0.8     | 1.0 | 5.84       | mg |  |
| Substance | 3 | Sulfur                                                                                                        | Supplier                  | 7704-34-9     | 0.03    | 1.0 | 0.219      | mg |  |
| Substance | 3 | Arsenic                                                                                                       | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 0.073      | mg |  |
| Substance | 3 | Cadmium                                                                                                       | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 0.073      | mg |  |
| Substance | 3 | Mercury                                                                                                       | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 0.00365    | mg |  |
| Substance | 3 | Nickel                                                                                                        | Nickel                    | 7440-02-0     | 10.0    | 1.0 | 73.0       | mg |  |

|           |   |      |                     |           |     |     |      |    |  |
|-----------|---|------|---------------------|-----------|-----|-----|------|----|--|
| Substance | 3 | Lead | Lead/Lead Compounds | 7439-92-1 | 0.1 | 1.0 | 0.73 | mg |  |
|-----------|---|------|---------------------|-----------|-----|-----|------|----|--|