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## Materials Declaration

Part Name: Receptacle Surface Mount  
Part Number: 28630806RP2  
Part Weight (kg): 0.00056

Environment Friendly Use Period: 10+ Years

|               | RoHS TEST REPORT |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|---------------|------------------|---|---------------|---|---------------|---|-------------------------------|---|-------------------------------------|---|-------------------------------------------|---|
|               | Lead<br>Pb       |   | Mercury<br>Hg |   | Cadmium<br>Cd |   | Hexavalent<br>Chromium<br>Cr6 |   | Polybrominated<br>Biphenyls<br>PBBs |   | Polybrominated<br>Diphenyl ethers<br>PBEs |   |
| % Allowed     | ≤ 0.10           |   | ≤ 0.10        |   | ≤ 0.01        |   | ≤ 0.10                        |   | ≤ 0.10                              |   | ≤ 0.10                                    |   |
| Sub-Part Name | ppm              | % | ppm           | % | ppm           | % | ppm                           | % | ppm                                 | % | ppm                                       | % |
| Insulator     | N.D.             |   | N.D.          |   | N.D.          |   | N.D.                          |   | N.D.                                |   | N.D.                                      |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
| Contacts      | ND               |   | N.D.          |   | N.D.          |   | N.D.                          |   | N.D.                                |   | N.D.                                      |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
|               |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |
| Exemptions:   |                  |   |               |   |               |   |                               |   |                                     |   |                                           |   |

Sub-Part Name: Insulator  
Sub-Part Weight (kg): 0.00020

Base Material: Nylon-6T-Black

| REACH TEST REPORT                   |                                                                    |                         |        |              |
|-------------------------------------|--------------------------------------------------------------------|-------------------------|--------|--------------|
| SVHC                                | CAS number                                                         | EC number               | D.L.   | Test Results |
| Anthracene                          | 120-12-7                                                           | 204-371-1               | 0.0005 | N.D.         |
| Benzyl butyl phthalate              | 85-68-7                                                            | 201-622-7               | 0.005  | N.D.         |
| Dibutyl phthalate                   | 84-74-2                                                            | 201-557-4               | 0.005  | N.D.         |
| Bis (2-ethylhexyl) phthalate (DEHP) | 117-81-7                                                           | 204-211-0               | 0.005  | N.D.         |
| HBCDD<br>(aHBCDD, bHBCDD, gHBCDD)   | 25637-99 & 3194-55-6<br>(134237-51-7, 134237-50-6,<br>134237-52-8) | 247-148-4,<br>221-695-9 | 0.005  | N.D.         |
| 4,4' Diaminodiphenylmethane         | 101-77-9                                                           | 202-974-4               | 0.005  | N.D.         |
| Short Chain Chlorinated Paraffins   | 85535-84-8                                                         | 287-476-5               | 0.01   | N.D.         |
| musk xylene                         | 81-15-2                                                            | 201-329-4               | 0.005  | N.D.         |
| Triethyl arsenate                   | 15606-95-8                                                         | 427-700-2               | 0.005  | N.D.         |
| Bis(tributyltin)oxide               | 56.35-9                                                            | 200-268-0               | 0.01   | N.D.         |
| Cobalt dichloride                   | 7646-79-9                                                          | 231-589-4               | 0.01   | N.D.         |
| Diarsenic pentaoxide                | 1303-28-2                                                          | 215-116-9               | 0.01   | N.D.         |
| Diarsenic trioxide                  | 1327-53-3                                                          | 215-481-4               | 0.01   | N.D.         |
| Sodium dichromate                   | 7789-12-0, 10588-01-9                                              | 234-190-3               | 0.01   | N.D.         |

|                                                     |                                     |                           |       |      |
|-----------------------------------------------------|-------------------------------------|---------------------------|-------|------|
| Lead hydrogen arsenate                              | 7784-40-9                           | 232-064-2                 | 0.01  | N.D. |
| 2,4-Dinitrotoluene                                  | 121-14-2                            | 204-450-0                 | 0.005 | N.D. |
| Anthracene oil                                      | 90640-80-5                          | 292-602-7                 | 0.05  | N.D. |
| Anthracene oil, paste, distn. Lights                | 84-74-2                             | 201-557-4                 |       |      |
| Anthracene oil, paste, fraction                     | 91995-15-2                          | 295-275-9                 |       |      |
| Anthracene oil, anthracene-low                      | 90640-82-7                          | 292-604-8                 |       |      |
| Anthracene oil, anthracene paste                    | 90640-81-6                          | 292-603-2                 |       |      |
| Diisobutyl phthalate (DIBP)                         | 84-69-5                             | 201-553-2                 | 0.005 | N.D. |
| Aluminosilicate, Refractory Ceramic Fibres          | -                                   | Index No.<br>650-017-00-8 | 0.01  | N.D. |
| Zirconia Aluminosilicate, Refractory Ceramic Fibres | -                                   | Index No.<br>650-017-00-8 | 0.01  | N.D. |
| Lead chromate                                       | 7758-97-6                           | 231-846-0                 | 0.005 | N.D. |
| Lead chromate sulfate red                           | 12656-85-8                          | 235-759-9                 | 0.005 | N.D. |
| Lead chromate sulfate yellow                        | 1344-37-2                           | 215-693-7                 | 0.005 | N.D. |
| Acryamide                                           | 79-06-1                             | 201-173-7                 | 0.005 | N.D. |
| Tris(2-chloroethyl)phosphate                        | 115-96-8                            | 204-118-5                 | 0.005 | N.D. |
| Coal tar pitch, high temperature                    | 65996-93-2                          | 266-028-2                 | 0.05  | N.D. |
| Trichlorethylene                                    | 1979-1-6                            | 201-167-4                 | 0.005 | N.D. |
| Boric acid                                          | 10043-35-3, 11113-50-1              | 233-139-2 &<br>234-343-4  | 0.01  | N.D. |
| Disodium tetraborate, anhyrous                      | 1330-43-4, 12179-04-3,<br>1303-96-4 | 650-017-00-8              | 0.01  | N.D. |
| Tetraboron disodium heptaoxide, hydrate             | 12267-73-1                          | 235-541.3                 | 0.01  | N.D. |
| Sodium chromate                                     | 7775-11-3                           | 231-889-5                 | 0.01  | N.D. |
| Potassium chromate                                  | 7789-00-6                           | 232-140-5                 | 0.01  | N.D. |
| Ammonium dichromate                                 | 7789-9-5                            | 232-143-1                 | 0.01  | N.D. |
| Potassium dichromate                                | 7778-50-9                           | 231-906-6                 | 0.01  | N.D. |

Sub-Part Name: Contacts  
Sub-Part Weight (kg): 0.00036

Base Material: Phosphor Bronze C1591  
Plating: Gold Flash

| REACH TEST REPORT                    |                                                                    |                         |        |              |
|--------------------------------------|--------------------------------------------------------------------|-------------------------|--------|--------------|
| SVHC                                 | CAS number                                                         | EC number               | D.L.   | Test Results |
| Anthracene                           | 120-12-7                                                           | 204-371-1               | 0.0005 | -            |
| Benzyl butyl phthalate               | 85-68-7                                                            | 201-622-7               | 0.005  | -            |
| Dibutyl phthalate                    | 84-74-2                                                            | 201-557-4               | 0.005  | -            |
| Bis (2-ethylhexyl) phthalate (DEHP)  | 117-81-7                                                           | 204-211-0               | 0.005  | -            |
| HBCDD<br>(aHBCDD, bHBCDD, gHBCDD)    | 25637-99 & 3194-55-6<br>(134237-51-7, 134237-50-6,<br>134237-52-8) | 247-148-4,<br>221-695-9 | 0.005  | -            |
| 4,4' Diaminodiphenylmethane          | 101-77-9                                                           | 202-974-4               | 0.005  | -            |
| Short Chain Chlorinated Paraffins    | 85535-84-8                                                         | 287-476-5               | 0.01   | -            |
| musk xylene                          | 81-15-2                                                            | 201-329-4               | 0.005  | -            |
| Triethyl arsenate                    | 15606-95-8                                                         | 427-700-2               | 0.005  | N.D.         |
| Bis(tributyltin)oxide                | 56.35-9                                                            | 200-268-0               | 0.01   | -            |
| Cobalt dichloride                    | 7646-79-9                                                          | 231-589-4               | 0.01   | N.D.         |
| Diarsenic pentaoxide                 | 1303-28-2                                                          | 215-116-9               | 0.01   | N.D.         |
| Diarsenic trioxide                   | 1327-53-3                                                          | 215-481-4               | 0.01   | N.D.         |
| Sodium dichromate                    | 7789-12-0, 10588-01-9                                              | 234-190-3               | 0.01   | N.D.         |
| Lead hydrogen arsenate               | 7784-40-9                                                          | 232-064-2               | 0.01   | N.D.         |
| 2,4-Dinitrotoluene                   | 121-14-2                                                           | 204-450-0               | 0.005  | -            |
| Anthracene oil                       | 90640-80-5                                                         | 292-602-7               |        |              |
| Anthracene oil, paste, distn. Lights | 84-74-2                                                            | 201-557-4               |        |              |

|                                                     |                                     |                           |       |      |
|-----------------------------------------------------|-------------------------------------|---------------------------|-------|------|
| Anthracene oil, paste, fraction                     | 91995-15-2                          | 295-275-9                 | 0.05  | -    |
| Anthracene oil, anthracene-low                      | 90640-82-7                          | 292-604-8                 |       |      |
| Anthracene oil, anthracene paste                    | 90640-81-6                          | 292-603-2                 |       |      |
| Diisobutyl phthalate (DIBP)                         | 84-69-5                             | 201-553-2                 | 0.005 | -    |
| Aluminosilicate, Refractory Ceramic Fibres          | -                                   | Index No.<br>650-017-00-8 | 0.01  | N.D. |
| Zirconia Aluminosilicate, Refractory Ceramic Fibres | -                                   | Index No.<br>650-017-00-8 | 0.01  | N.D. |
| Lead chromate                                       | 7758-97-6                           | 231-846-0                 | 0.005 | N.D. |
| Lead chromate sulfate red                           | 12656-85-8                          | 235-759-9                 | 0.005 | N.D. |
| Lead chromate sulfate yellow                        | 1344-37-2                           | 215-693-7                 | 0.005 | N.D. |
| Acryamide                                           | 79-06-1                             | 201-173-7                 | 0.005 | -    |
| Tris(2-chloroethyl)phosphate                        | 115-96-8                            | 204-118-5                 | 0.005 | -    |
| Coal tar pitch, high temperature                    | 65996-93-2                          | 266-028-2                 | 0.05  | -    |
| Trichlorethylene                                    | 1979-1-6                            | 201-167-4                 | 0.005 | N.D. |
| Boric acid                                          | 10043-35-3, 11113-50-1              | 233-139-2 &<br>234-343-4  | 0.01  | N.D. |
| Disodium tetraborate, anhyrous                      | 1330-43-4, 12179-04-3,<br>1303-96-4 | 650-017-00-8              | 0.01  | N.D. |
| Tetraboron disodium heptaoxide, hydrate             | 12267-73-1                          | 235-541.3                 | 0.01  | N.D. |
| Sodium chromate                                     | 7775-11-3                           | 231-889-5                 | 0.01  | N.D. |
| Potassium chromate                                  | 7789-00-6                           | 232-140-5                 | 0.01  | N.D. |
| Ammonium dichromate                                 | 7789-9-5                            | 232-143-1                 | 0.01  | N.D. |
| Potassium dichromate                                | 7778-50-9                           | 231-906-6                 | 0.01  | N.D. |

- 1) The chemical analysis of Substance of Very High Concern (SVHC) is performed by means of current available analytical techniques against the list published by ECHA on 10-28-08, 01-13-10 & 3-30-10 and shall refer to <http://echa.europa.eu/chem.data/candidate.list.table.en.asp>. This list is under evaluation by ECHA and subject to change.
- 2) In accordance with EC regulation No. 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of article 7, if a substance meets the criteria in article 57 and is identified in accordance with article 59(1) of the regulation, if (a) the substance is present in those articles in quantities totaling over one ton per producer or importer per year; d (b) the substance is present in those article above a concentration of 0.1% weight by weight (w/w).
- 3) Article 33 of EC regulation No. 1907/2006 requires suppliers of an article containing a substance meeting the criteria in article 57 and identified in accordance with article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including as a minimum, the name of the substance.

Notes:

mg/kg = ppm; 0.1wt% = 1,000ppm  
N.D. = Not Detected; DL = Detection Limit  
SVHC = Substance of Very High Concern

U.S. references:

EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996, EPA 3540C:1996, EPA 8270D:2007, DIN 38407-13, EN 14362-1%2:2003, EN 14372:2004, EPA 9056A:2007, EPA 3060A:1996 method. Analysis is performed by IC, UV, ICP-OES and GC-MS.