



| Form Type   | Distribute  | Version                                    | 2.0                       | Ref                  | IPC 1752A               | Sectionals           | Manufacturing Info/ Material Info                 | Subsectionals | D, A      |
|---|---|--|---------------------------|----------------------|-------------------------|----------------------|---|---------------|-----------|
| <b>Supplier Information</b>   |   |  |                           |                      |                         |                      |   |               |           |
| Company Name  | TE Connectivity   | Request Document ID                        |                           | Contact Name         | Penica, John R          | Contact Title        | Sr Mgr Environmental Engineering, Ind Central Eng |               |           |
| Company Unique ID   | TE Connectivity   | Response Date                              | 2015-11-16                | Contact Email        | jrpenica@te.com         |                      |   |               |           |
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| <b>Legal Statement</b>  |   |  |                           |                      |                         |                      |   |               |           |
| Supplier Acceptance   | 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>  |   |  |                           |                      |                         |                      |   |               |           |
| Manufacturer Item number  | 2-34145-1   | Amount                                     | 598.33267625              | Version              | -                       | Identity             |   |               |           |
| Manufacturer Item Name  | PG R 22-16<br>COMM 22-18<br>MIL 8   | Weight Uom                                 | mg                        | Mfr Site             |                         | Authority            |   |               |           |
| Date  |   | UOM  | Each                      |                      |                         |                      |   |               |           |
| EUROHS-0508   | Product(s) meets EU RoHS requirement without any exemptions   |  |                           |                      |                         |                      |   |               |           |
| ChinaRoHS-0508  | 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 |  |                           |                      |                         |                      |   |               |           |
| EUREACH-1214  | REACH Candidate Substances of Very High Concern ARE NOT Yet Reviewed  |  |                           |                      |                         |                      |   |               |           |
| <b>Manufacturing Information</b>  |   |  |                           |                      |                         |                      |   |               |           |
| J-STD-020 MSL Rating  |   | Max Total a Wave Time                      |                           | Ramp Rate            |                         | Wave Additional Info |   |               |           |
| Classification Temp   |   | Max Wave Solder Time                       | 0.0                       | Ramp Down Rate       |                         | Psi Rating Reflow    |   |               |           |
| Max Time Within 5   |   | Psi Rating Wave                            |                           | Package Designator   |                         | Size                 | 0.0   |               |           |
| Time Above 217  |   | Reflow Additional Info                     |                           | Preheat Max Temp     |                         | Terminal Base Alloy  | NAC   |               |           |
| Preheat Duration  |   | bulk Solder Termination                    | NAC                       | Nbr or Reflow Cycles |                         | Terminal Plating     | NAC   |               |           |
| Preheat Min Temp  |   | Nbr of Instances                           | 0                         | Component Temp Spike |                         | Shape                | NAC   |               |           |
| <b>Product Disclosure</b>   |   |  |                           |                      |                         |                      |   |               |           |
| Sub-Item/Material/Substance   | Level   | Name                                       | Substance Category        | Substance CAS        | Substance Concentration | Quantity             | Mass per Unit                                     | UOM           | Exemption |
| Sub-Item  | 1   | BUDG R 22-16<br>COMM 22-18<br>MIL 8        |                           |                      |                         | 1.0                  | 591.108965  | mg            |           |
| Material  | 2   | Copper                                     |                           |                      |                         | 1.0                  | 586.3   | mg            |           |
| Substance   | 3   | Nickel                                     | Nickel                    | 7440-02-0            | 0.05                    | 1.0                  | 0.29315   | mg            |           |
| Substance   | 3   | Chromium                                   | Supplier                  | 7440-47-3            | 0.0010                  | 1.0                  | 0.005863  | mg            |           |
| Substance   | 3   | Copper                                     | Supplier                  | 7440-50-8            | 99.7575                 | 1.0                  | 584.87822   | mg            |           |
| Substance   | 3   | Beryllium                                  | Supplier                  | 7440-41-7            | 0.0010                  | 1.0                  | 0.005863  | mg            |           |
| Substance   | 3   | Arsenic                                    | Supplier                  | 7440-38-2            | 0.0050                  | 1.0                  | 0.029315  | mg            |           |
| Substance   | 3   | Antimony                                   | Supplier                  | 7440-36-0            | 0.01                    | 1.0                  | 0.05863   | mg            |           |
| Substance   | 3   | Manganese                                  | Supplier                  | 7439-96-5            | 0.02                    | 1.0                  | 0.11726   | mg            |           |
| Substance   | 3   | Cobalt                                     | Supplier                  | 7440-48-4            | 0.1                     | 1.0                  | 0.5863  | mg            |           |
| Substance   | 3   | Lead                                       | Lead/Lead Compounds       | 7439-92-1            | 0.05                    | 1.0                  | 0.29315   | mg            |           |
| Substance   | 3   | Mercury                                    | Mercury/Mercury Compounds | 7439-97-6            | 5.0E-4                  | 1.0                  | 0.0029315   | mg            |           |
| Substance   | 3   | Cadmium                                    | Cadmium/Cadmium Compounds | 7440-43-9            | 0.0050                  | 1.0                  | 0.029315  | mg            |           |
| Material  | 2   | Tin Plate                                  |                           |                      |                         | 1.0                  | 4.808965  | mg            |           |
| Substance   | 3   | Tin  | Supplier                  | 7440-31-5            | 99.73                   | 1.0                  | 4.79598   | mg            |           |
| Substance   | 3   | Contains No Reportable TE5081-2 Substances | Supplier                  | TE5081-2-1212        | 0.2                     | 1.0                  | 0.00961793  | mg            |           |
| Substance   | 3   | Lead                                       | Lead/Lead Compounds       | 7439-92-1            | 0.07                    | 1.0                  | 0.00336628  | mg            |           |
| Sub-Item  | 1   | TUBING EXTRUDED                            |                           |                      |                         | 1.0                  | 7.22371125  | mg            |           |
| Material  | 2   | PVC  |                           |                      |                         | 1.0                  | 7.18759269  | mg            |           |

|           |   |  |          |               |         |     |             |    |  |
|-----------|---|--|----------|---------------|---------|-----|-------------|----|--|
| Substance | 3 | Ethene, chloro-  | Supplier | 75-01-4       | 4.0E-4  | 1.0 | 2.875037E-5 | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances   | Supplier | TE5081-2-1212 | 7.5     | 1.0 | 0.53907     | mg |  |
| Substance | 3 | Ethene, chloro-, homopolymer   | Supplier | 9002-86-2     | 87.9961 | 1.0 | 6.3248      | mg |  |
| Substance | 3 | 8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4,4-dimethyl-7-oxo-, 2-ethylhexyl ester  | Supplier | 57583-35-4    | 1.5     | 1.0 | 0.10781     | mg |  |
| Substance | 3 | Octadecanoic acid, calcium salt (2:1)  | Supplier | 1592-23-0     | 0.5     | 1.0 | 0.03593796  | mg |  |
| Substance | 3 | Calcium hydroxide (Ca(OH)2)  | Supplier | 1305-62-0     | 0.0035  | 1.0 | 2.5157E-4   | mg |  |
| Substance | 3 | 8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-methyl-7-oxo-, 2-ethylhexyl ester | Supplier | 57583-34-3    | 0.5     | 1.0 | 0.03593796  | mg |  |
| Substance | 3 | Limestone  | Supplier | 1317-65-3     | 2.0     | 1.0 | 0.14375     | mg |  |
| Material  | 2 | COLORANT   |          |               |         | 1.0 | 0.03611856  | mg |  |
| Substance | 3 | Ethene, chloro-, homopolymer   | Supplier | 9002-86-2     | 70.0    | 1.0 | 0.02528299  | mg |  |
| Substance | 3 | Glycerol   | Supplier | 56-81-5       | 0.01    | 1.0 | 1.0E-5      | mg |  |
| Substance | 3 | Benzenesulfonic acid, 5-chloro-2-[2-(2-hydroxy-1-naphthalenyl)di-azonyl]-4-methyl-, barium salt (2:1)                                | Supplier | 5160-02-1     | 8.0     | 1.0 | 0.00288948  | mg |  |
| Substance | 3 | Ethene, chloro-  | Supplier | 75-01-4       | 3.0E-4  | 1.0 | 1.0E-5      | mg |  |
| Substance | 3 | Zeolites   | Supplier | 1318-02-1     | 0.19    | 1.0 | 6.862526E-5 | mg |  |
| Substance | 3 | 8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-methyl-7-oxo-, 2-ethylhexyl ester | Supplier | 57583-34-3    | 0.8     | 1.0 | 2.8895E-4   | mg |  |
| Substance | 3 | 8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4,4-dimethyl-7-oxo-, 2-ethylhexyl ester  | Supplier | 57583-35-4    | 0.8     | 1.0 | 2.8895E-4   | mg |  |
| Substance | 3 | Aluminum oxide (Al2O3)   | Supplier | 1344-28-1     | 0.09    | 1.0 | 3.25067E-5  | mg |  |
| Substance | 3 | Octadecanoic acid, calcium salt (2:1)  | Supplier | 1592-23-0     | 1.0     | 1.0 | 3.6119E-4   | mg |  |
| Substance | 3 | Aluminate (Al(OH)63-), (OC-6-11)-, magnesium carbonate hydroxide (2:6:1:4)   | Supplier | 11097-59-9    | 0.7     | 1.0 | 2.5283E-4   | mg |  |
| Substance | 3 | Octadecanoic acid, zinc salt (2:1)   | Supplier | 557-05-1      | 0.2     | 1.0 | 7.223711E-5 | mg |  |
| Substance | 3 | Titanium oxide (TiO2)  | Supplier | 13463-67-7    | 8.0     | 1.0 | 0.00288948  | mg |  |
| Substance | 3 | Silica   | Supplier | 7631-86-9     | 0.23    | 1.0 | 8.307268E-5 | mg |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances   | Supplier | TE5081-2-1212 | 9.9797  | 1.0 | 0.00360452  | mg |  |