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|---|---|--|--------------------|----------------------|-------------------------|----------------------|-----------------------------------|------------|-----------|
| Form Type   | Distribute  | Version  | 2.0                | Ref                  | IPC 1752A               | Sectionals           | Manufacturing Info/ Material Info | Sectionals | D, A      |
| <b>Supplier Information</b>   |   |  |                    |                      |                         |                      |                                   |            |           |
| Company Name  | TE Connectivity   | Request Document ID  |                    | Contact Name         | GUIYING WANG            | Contact Title        | product compliance engineer       |            |           |
| Company Unique ID   | TE Connectivity   | Response Date  | 2015-06-09         | Contact Email        | guiying.wang@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  | 6-1393211-9   | Amount   | 82.39972           | Version              | -                       | Identity             |                                   |            |           |
| Manufacturer Item Name  | T92P7D22-12   | Weight Uom   | g                  | Mfr Site             |                         | Authority            |                                   |            |           |
| Date  |   | UOM  | Each               |                      |                         |                      |                                   |            |           |
| EURoHS-0508   | Product(s) meets EU RoHS requirements by application of the selected exemption(s)   |  |                    |                      |                         |                      |                                   |            |           |
| ChinaRoHS-0508  | Product(s) is NOT eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products |  |                    |                      |                         |                      |                                   |            |           |
| EUREACH-1213  | REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH                               |  |                    |                      |                         |                      |                                   |            |           |
| <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   | 5.0                | 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   | EPOXY 1013B-2  |                    |                      |                         | 1.0                  | 0.04                              | g          |           |
| Material  | 2   | EPOXY 1013B-2  |                    |                      |                         | 1.0                  | 0.04                              | g          |           |
| Substance   | 3   | Fatty acids, tall-oil, reaction products with polyalkylenepol yamines, compds. with linoleic acid dimer and tall-oil fatty acids | Supplier           | 68910-90-7           | 97.0                    | 1.0                  | 0.0388                            | g          |           |
| Substance   | 3   | 2,4,6-Tris(dimethyla minomethyl)ph enol  | Supplier           | 90-72-2              | 3.0                     | 1.0                  | 0.0012                            | g          |           |
| Sub-Item  | 1   | SOLDER, BAR, 1 KG SOLID, Sn99.3/Cu0.7  |                    |                      |                         | 1.0                  | 0.157                             | g          |           |
| Material  | 2   | Lead-free Solder Bar   |                    |                      |                         | 1.0                  | 0.157                             | g          |           |
| Substance   | 3   | Tin  | Supplier           | 7440-31-5            | 99.3                    | 1.0                  | 0.155901                          | g          |           |
| Substance   | 3   | Copper   | Supplier           | 7440-50-8            | 0.7                     | 1.0                  | 0.001099                          | g          |           |
| Sub-Item  | 1   | EPOXY 2105F  |                    |                      |                         | 1.0                  | 0.48                              | g          |           |
| Material  | 2   | Epoxy Hardener   |                    |                      |                         | 1.0                  | 0.48                              | g          |           |
| Substance   | 3   | Contains No Reportable TE5081-2 Substances   | Supplier           | TE5081-2-1212        | 5.0                     | 1.0                  | 0.024                             | g          |           |

|           |   |  |                     |               |         |     |            |   |  |
|-----------|---|--|---------------------|---------------|---------|-----|------------|---|--|
| Substance | 3 | 1,2-Ethanediamine, N1,N2-bis(2-aminoethyl)-  | Supplier            | 112-24-3      | 5.0     | 1.0 | 0.024      | g |  |
| Substance | 3 | 1,3-Benzenedicarboxylic acid, polymer with azacyclotridecan-2-one and 4,4-methylenebis[2-methylcyclohexanamine]  | Supplier            | 79331-75-2    | 90.0    | 1.0 | 0.432      | g |  |
| Sub-Item  | 1 | 35C792-2=COVER, FLANGE, T92, PLES  |                     |               |         | 1.0 | 15.123     | g |  |
| Material  | 2 | PBT-GF30   |                     |               |         | 1.0 | 15.123     | g |  |
| Substance | 3 | Carbon black   | Supplier            | 1333-86-4     | 0.5     | 1.0 | 0.075615   | g |  |
| Substance | 3 | Antimony oxide (Sb2O3)   | Supplier            | 1309-64-4     | 3.5     | 1.0 | 0.529305   | g |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis[2,6-dibromo-, polymer with 2,2-[(1-methylethylidene)bis(2,6-dibromo-4,1-phenylene)oxy methylene]]bis[oxirane]                      | Supplier            | 68928-70-1    | 12.0    | 1.0 | 1.81476    | g |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol  | Supplier            | 26062-94-2    | 54.0    | 1.0 | 8.16642    | g |  |
| Substance | 3 | Glass, oxide, chemicals  | Supplier            | 65997-17-3    | 30.0    | 1.0 | 4.5369     | g |  |
| Sub-Item  | 1 | T92 BASE ASSY, CODE2, 12VDC, FORM A  |                     |               |         | 1.0 | 66.09972   | g |  |
| Material  | 2 | Tin Plate  |                     |               |         | 1.0 | 0.0944     | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds | 7439-92-1     | 0.0999  | 1.0 | 9.43056E-5 | g |  |
| Substance | 3 | Tin  | Supplier            | 7440-31-5     | 99.9001 | 1.0 | 0.09430569 | g |  |
| Material  | 2 | PBT-I-GF30-FR(17)  |                     |               |         | 1.0 | 3.79312    | g |  |
| Substance | 3 | Dolomite (CaMg(CO3)2)  | Supplier            | 16389-88-1    | 0.5     | 1.0 | 0.0189656  | g |  |
| Substance | 3 | Glass, oxide, chemicals  | Supplier            | 65997-17-3    | 35.0    | 1.0 | 1.327592   | g |  |
| 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     | 0.2     | 1.0 | 0.00758624 | g |  |
| Substance | 3 | Furan, tetrahydro-   | Supplier            | 109-99-9      | 0.2     | 1.0 | 0.00758624 | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances   | Supplier            | TE5081-2-1212 | 3.0     | 1.0 | 0.1137936  | g |  |
| Substance | 3 | Talc (Mg3H2(SiO3)4)  | Supplier            | 14807-96-6    | 2.0     | 1.0 | 0.0758624  | g |  |
| Substance | 3 | Ethene, 1,1,2,2-tetrafluoro-, homopolymer  | Supplier            | 9002-84-0     | 1.0     | 1.0 | 0.0379312  | g |  |
| Substance | 3 | Chlorite-group minerals  | Supplier            | 1318-59-8     | 0.5     | 1.0 | 0.0189656  | g |  |
| Substance | 3 | Carbon black   | Supplier            | 1333-86-4     | 1.0     | 1.0 | 0.0379312  | g |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol  | Supplier            | 30965-26-5    | 36.6    | 1.0 | 1.38828192 | g |  |

|           |   |   |                           |                |         |     |            |   |  |
|-----------|---|---|---------------------------|----------------|---------|-----|------------|---|--|
| Substance | 3 | Phosphoric acid, zinc salt (2:3)  | Supplier                  | 7779-90-0      | 0.5     | 1.0 | 0.0189656  | g |  |
| Substance | 3 | Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17) | Supplier                  | 1043-4-FR17    | 18.0    | 1.0 | 0.6827616  | g |  |
| Substance | 3 | 2-Propenenitrile, polymer with ethenylbenzene                               | Supplier                  | 9003-54-7      | 1.0     | 1.0 | 0.0379312  | g |  |
| Substance | 3 | Quartz (SiO2)   | Supplier                  | 14808-60-7     | 0.5     | 1.0 | 0.0189656  | g |  |
| Material  | 2 | PPA-GF30  |                           |                |         | 1.0 | 11.239     | g |  |
| Substance | 3 | Carbon black  | Supplier                  | 1333-86-4      | 1.0     | 1.0 | 0.11239    | g |  |
| Substance | 3 | Halogen-free organic phosphorus flame retardant - ISO 1043-4 code #FR(40)   | Supplier                  | 1043-4-FR40    | 20.0    | 1.0 | 2.2478     | g |  |
| Substance | 3 | Glass, oxide, chemicals   | Supplier                  | 65997-17-3     | 30.0    | 1.0 | 3.3717     | g |  |
| Substance | 3 | Aluminum Hydroxide flame retardant - ISO 1043-4 code #FR(60)                | Supplier                  | 1043-4-FR60    | 20.0    | 1.0 | 2.2478     | g |  |
| Substance | 3 | Polyamide Homologous Polymer Series - ISO 1043-1 Term PA6T/66               | Supplier                  | 1043-1-PA6T/66 | 29.0    | 1.0 | 3.25931    | g |  |
| Material  | 2 | Lead-free Solid Solder Wire   |                           |                |         | 1.0 | 0.04       | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8      | 0.7     | 1.0 | 2.8E-4     | g |  |
| Substance | 3 | Tin   | Supplier                  | 7440-31-5      | 99.3    | 1.0 | 0.03972    | g |  |
| Material  | 2 | Beryllium Copper  |                           |                |         | 1.0 | 0.418      | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3      | 0.0010  | 1.0 | 4.18E-6    | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5      | 0.02    | 1.0 | 8.36E-5    | g |  |
| Substance | 3 | Iron  | Supplier                  | 7439-89-6      | 0.2     | 1.0 | 8.36E-4    | g |  |
| Substance | 3 | Aluminum  | Supplier                  | 7429-90-5      | 0.2     | 1.0 | 8.36E-4    | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7      | 0.5     | 1.0 | 0.00209    | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4      | 0.6     | 1.0 | 0.002508   | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8      | 98.1535 | 1.0 | 0.41028163 | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0      | 0.01    | 1.0 | 4.18E-5    | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2      | 0.01    | 1.0 | 4.18E-5    | g |  |
| Substance | 3 | Silicon   | Supplier                  | 7440-21-3      | 0.2     | 1.0 | 8.36E-4    | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9      | 0.0050  | 1.0 | 2.09E-5    | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6      | 5.0E-4  | 1.0 | 2.09E-6    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1      | 0.05    | 1.0 | 2.09E-4    | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0      | 0.05    | 1.0 | 2.09E-4    | g |  |
| Material  | 2 | Copper Alloy  |                           |                |         | 1.0 | 7.5146     | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3      | 0.01    | 1.0 | 7.5146E-4  | g |  |
| Substance | 3 | Phosphorus  | Supplier                  | 7723-14-0      | 0.15    | 1.0 | 0.0112719  | g |  |
| Substance | 3 | Iron  | Supplier                  | 7439-89-6      | 2.6     | 1.0 | 0.1953796  | g |  |
| Substance | 3 | Zinc  | Supplier                  | 7440-66-6      | 0.2     | 1.0 | 0.0150292  | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0      | 0.01    | 1.0 | 7.5146E-4  | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7      | 0.0010  | 1.0 | 7.5146E-5  | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4      | 0.1     | 1.0 | 0.0075146  | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5      | 0.02    | 1.0 | 0.00150292 | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8      | 96.7585 | 1.0 | 7.27101424 | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2      | 0.015   | 1.0 | 0.00112719 | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0      | 0.1     | 1.0 | 0.0075146  | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9      | 0.0050  | 1.0 | 3.7573E-4  | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6      | 5.0E-4  | 1.0 | 3.7573E-5  | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1      | 0.03    | 1.0 | 0.00225438 | g |  |
| Material  | 2 | Magnet Wire   |                           |                |         | 1.0 | 17.564     | g |  |
| Substance | 3 | 9009-54-5 has been deleted and not replaced                                 | Supplier                  | 9009-54-5      | 7.35    | 1.0 | 1.290954   | g |  |

|           |   |  |                           |               |         |     |             |   |  |
|-----------|---|--|---------------------------|---------------|---------|-----|-------------|---|--|
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 92.65   | 1.0 | 16.273046   | g |  |
| Material  | 2 | Stainless Steel  |                           |               |         | 1.0 | 0.79        | g |  |
| Substance | 3 | Chromium   | Supplier                  | 7440-47-3     | 18.0    | 1.0 | 0.1422      | g |  |
| Substance | 3 | Cobalt   | Supplier                  | 7440-48-4     | 0.5     | 1.0 | 0.00395     | g |  |
| Substance | 3 | Phosphorus   | Supplier                  | 7723-14-0     | 0.045   | 1.0 | 3.555E-4    | g |  |
| Substance | 3 | Antimony   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 7.9E-5      | g |  |
| Substance | 3 | Beryllium  | Supplier                  | 7440-41-7     | 0.01    | 1.0 | 7.9E-5      | g |  |
| Substance | 3 | Silicon  | Supplier                  | 7440-21-3     | 1.5     | 1.0 | 0.01185     | g |  |
| Substance | 3 | Carbon   | Supplier                  | 7440-44-0     | 0.15    | 1.0 | 0.001185    | g |  |
| Substance | 3 | Manganese  | Supplier                  | 7439-96-5     | 2.0     | 1.0 | 0.0158      | g |  |
| Substance | 3 | Arsenic  | Supplier                  | 7440-38-2     | 0.03    | 1.0 | 2.37E-4     | g |  |
| Substance | 3 | Sulfur   | Supplier                  | 7704-34-9     | 0.03    | 1.0 | 2.37E-4     | g |  |
| Substance | 3 | Iron   | Supplier                  | 7439-89-6     | 68.6145 | 1.0 | 0.54205455  | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 7.9E-4      | g |  |
| Substance | 3 | Cadmium  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 7.9E-5      | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 9.0     | 1.0 | 0.0711      | g |  |
| Substance | 3 | Mercury  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 3.95E-6     | g |  |
| Material  | 2 | Contact  |                           |               |         | 1.0 | 0.464       | g |  |
| Substance | 3 | Silver   | Supplier                  | 7440-22-4     | 41.12   | 1.0 | 0.1907968   | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 54.31   | 1.0 | 0.2519984   | g |  |
| Substance | 3 | Cadmium oxide (CdO)  | Cadmium/Cadmium Compounds | 1306-19-0     | 4.57    | 1.0 | 0.0212048   | g | 8(b) Cadmium and its compounds electrical contacts |
| Material  | 2 | Nickel Plate   |                           |               |         | 1.0 | 0.0206      | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                               | Supplier                  | TE5081-2-1212 | 0.2     | 1.0 | 4.12E-5     | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 2.06E-5     | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 99.7    | 1.0 | 0.0205382   | g |  |
| Material  | 2 | Contact  |                           |               |         | 1.0 | 0.486       | g |  |
| Substance | 3 | Copper   | Supplier                  | 7440-50-8     | 56.38   | 1.0 | 0.2740068   | g |  |
| Substance | 3 | Silver   | Supplier                  | 7440-22-4     | 39.26   | 1.0 | 0.1908036   | g |  |
| Substance | 3 | Cadmium oxide (CdO)  | Cadmium/Cadmium Compounds | 1306-19-0     | 4.36    | 1.0 | 0.0211896   | g | 8(b) Cadmium and its compounds electrical contacts |
| Material  | 2 | Carbon Steel   |                           |               |         | 1.0 | 23.676      | g |  |
| Substance | 3 | Mercury  | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 1.0 | 1.1838E-4   | g |  |
| Substance | 3 | Antimony   | Supplier                  | 7440-36-0     | 0.01    | 1.0 | 0.0023676   | g |  |
| Substance | 3 | Manganese  | Supplier                  | 7439-96-5     | 0.6     | 1.0 | 0.142056    | g |  |
| Substance | 3 | Carbon   | Supplier                  | 7440-44-0     | 0.13    | 1.0 | 0.0307788   | g |  |
| Substance | 3 | Sulfur   | Supplier                  | 7704-34-9     | 0.04    | 1.0 | 0.0094704   | g |  |
| Substance | 3 | Chromium   | Supplier                  | 7440-47-3     | 0.15    | 1.0 | 0.035514    | g |  |
| Substance | 3 | Beryllium  | Supplier                  | 7440-41-7     | 0.0010  | 1.0 | 2.3676E-4   | g |  |
| Substance | 3 | Phosphorus   | Supplier                  | 7723-14-0     | 0.02    | 1.0 | 0.0047352   | g |  |
| Substance | 3 | Silicon  | Supplier                  | 7440-21-3     | 0.1     | 1.0 | 0.023676    | g |  |
| Substance | 3 | Cobalt   | Supplier                  | 7440-48-4     | 0.1     | 1.0 | 0.023676    | g |  |
| Substance | 3 | Arsenic  | Supplier                  | 7440-38-2     | 0.01    | 1.0 | 0.0023676   | g |  |
| Substance | 3 | Iron   | Supplier                  | 7439-89-6     | 98.6785 | 1.0 | 23.36312166 | g |  |
| Substance | 3 | Lead   | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 1.0 | 0.023676    | g |  |
| Substance | 3 | Cadmium  | Cadmium/Cadmium Compounds | 7440-43-9     | 0.01    | 1.0 | 0.0023676   | g |  |
| Substance | 3 | Nickel   | Nickel                    | 7440-02-0     | 0.05    | 1.0 | 0.011838    | g |  |
| Sub-Item  | 1 | EPOXY 2023   |                           |               |         | 1.0 | 0.48        | g |  |
| Material  | 2 | Epoxy Adhesive   |                           |               |         | 1.0 | 0.48        | g |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis-polymer with 2-(chloromethyl)oxirane | Supplier                  | 25068-38-6    | 90.0    | 1.0 | 0.432       | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                               | Supplier                  | TE5081-2-1212 | 10.0    | 1.0 | 0.048       | g |  |
| Sub-Item  | 1 | EPOXY 1013A-2  |                           |               |         | 1.0 | 0.02        | g |  |

|           |   |  |          |               |      |     |        |   |  |
|-----------|---|--|----------|---------------|------|-----|--------|---|--|
| Material  | 2 | EPOXY  |          |               |      | 1.0 | 0.02   | g |  |
| Substance | 3 | Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane | Supplier | 25068-38-6    | 90.0 | 1.0 | 0.018  | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                                 | Supplier | TE5081-2-0909 | 10.0 | 1.0 | 0.0020 | g |  |