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|---|---|--|---------------------------|-----------------------------|--------------------------------|-----------------------------|-----------------------------------|----------------------|------------------|
| <b>Form Type</b>  | Distribute  | <b>Version</b>                             | 2.0                       | <b>Ref</b>                  | IPC 1752A                      | <b>Sectionals</b>           | Manufacturing Info/ 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>         | Seong Kyung Kim                | <b>Contact Title</b>        | DISTRIBUTION SALES MANAGER        |                      |                  |
| <b>Company Unique ID</b>  | TE Connectivity   | <b>Response Date</b>                       | 2017-03-06                | <b>Contact Email</b>        | sophie.kim@te.com              |                             |                                   |                      |                  |
| <b>Contact Phone Number</b>   | 822-3415-4614   |  |                           |                             |                                |                             |                                   |                      |                  |
| <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>   | 1318853-2   | <b>Amount</b>                              | 6.356616                  | <b>Version</b>              | -                              | <b>Identity</b>             |                                   |                      |                  |
| <b>Manufacturer Item Name</b>   | 025 CAP HSG ASSY 24P  | <b>Weight Uom</b>                          | g                         | <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-0616</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>Manufacturing Information</b>  |   |  |                           |                             |                                |                             |                                   |                      |                  |
| <b>J-STD-020 MSL Rating</b>   |   | <b>Max Total a Wave Time</b>               |                           | <b>Ramp Rate</b>            |                                | <b>Wave Additional Info</b> |                                   |                      |                  |
| <b>Classification Temp</b>  |   | <b>Max Wave Solder Time</b>                | 10.0                      | <b>Ramp Down Rate</b>       |                                | <b>Psi Rating Reflow</b>    |                                   |                      |                  |
| <b>Max Time Within 5</b>  |   | <b>Psi Rating Wave</b>                     |                           | <b>Package Designator</b>   |                                | <b>Size</b>                 | 0.0                               |                      |                  |
| <b>Time Above 217</b>   |   | <b>Reflow Additional Info</b>              |                           | <b>Preheat Max Temp</b>     |                                | <b>Terminal Base Alloy</b>  | Not Applicable                    |                      |                  |
| <b>Preheat Duration</b>   |   | <b>bulk Solder Termination</b>             | Not Applicable            | <b>Nbr or Reflow Cycles</b> |                                | <b>Terminal Plating</b>     | Not Applicable                    |                      |                  |
| <b>Preheat Min Temp</b>   |   | <b>Nbr of Instances</b>                    | 0                         | <b>Component Temp Spike</b> |                                | <b>Shape</b>                | Not Applicable                    |                      |                  |
| <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   | 025 TAB CONT PRE-TIN M                     |                           |                             |                                | 12.0                        | 0.102958                          | g                    |                  |
| Material  | 2   | Copper Plate                               |                           |                             |                                | 12.0                        | 3.33E-4                           | g                    |                  |
| Substance   | 3   | Lead                                       | Lead/Lead Compounds       | 7439-92-1                   | 0.1                            | 12.0                        | 3.33E-7                           | g                    |                  |
| Substance   | 3   | Copper                                     | Supplier                  | 7440-50-8                   | 99.9                           | 12.0                        | 3.3267E-4                         | g                    |                  |
| Material  | 2   | Tin Plate                                  |                           |                             |                                | 12.0                        | 6.25E-4                           | g                    |                  |
| Substance   | 3   | Contains No Reportable TE5081-2 Substances | Supplier                  | TE5081-2-1212               | 0.2                            | 12.0                        | 1.25E-6                           | g                    |                  |
| Substance   | 3   | Tin  | Supplier                  | 7440-31-5                   | 99.73                          | 12.0                        | 6.2331E-4                         | g                    |                  |
| Substance   | 3   | Lead                                       | Lead/Lead Compounds       | 7439-92-1                   | 0.07                           | 12.0                        | 4.375E-7                          | g                    |                  |
| Material  | 2   | Brass                                      |                           |                             |                                | 12.0                        | 0.102                             | g                    |                  |
| Substance   | 3   | Chromium                                   | Supplier                  | 7440-47-3                   | 0.0010                         | 12.0                        | 1.02E-6                           | g                    |                  |
| Substance   | 3   | Zinc                                       | Supplier                  | 7440-66-6                   | 28.0225                        | 12.0                        | 0.02858295                        | g                    |                  |
| Substance   | 3   | Manganese                                  | Supplier                  | 7439-96-5                   | 0.05                           | 12.0                        | 5.1E-5                            | g                    |                  |
| Substance   | 3   | Antimony                                   | Supplier                  | 7440-36-0                   | 0.01                           | 12.0                        | 1.02E-5                           | g                    |                  |
| Substance   | 3   | Iron                                       | Supplier                  | 7439-89-6                   | 0.05                           | 12.0                        | 5.1E-5                            | g                    |                  |
| Substance   | 3   | Cobalt                                     | Supplier                  | 7440-48-4                   | 0.1                            | 12.0                        | 1.02E-4                           | g                    |                  |
| Substance   | 3   | Beryllium                                  | Supplier                  | 7440-41-7                   | 0.0010                         | 12.0                        | 1.02E-6                           | g                    |                  |
| Substance   | 3   | Copper                                     | Supplier                  | 7440-50-8                   | 71.5                           | 12.0                        | 0.07293                           | g                    |                  |
| Substance   | 3   | Arsenic                                    | Supplier                  | 7440-38-2                   | 0.01                           | 12.0                        | 1.02E-5                           | g                    |                  |

|           |   |   |                           |               |         |      |            |   |  |
|-----------|---|---|---------------------------|---------------|---------|------|------------|---|--|
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 12.0 | 5.1E-7     | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 0.2     | 12.0 | 2.04E-4    | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 12.0 | 5.1E-6     | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 12.0 | 5.1E-5     | g |  |
| Sub-Item  | 1 | 025 TAB CONT PRE-TIN S                                    |                           |               |         | 12.0 | 0.08176    | g |  |
| Material  | 2 | Copper Plate  |                           |               |         | 12.0 | 2.64E-4    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.1     | 12.0 | 2.64E-7    | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8     | 99.9    | 12.0 | 2.6374E-4  | g |  |
| Material  | 2 | Tin Plate   |                           |               |         | 12.0 | 4.96E-4    | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                | Supplier                  | TE5081-2-1212 | 0.2     | 12.0 | 9.92E-7    | g |  |
| Substance | 3 | Tin   | Supplier                  | 7440-31-5     | 99.73   | 12.0 | 4.9466E-4  | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.07    | 12.0 | 3.472E-7   | g |  |
| Material  | 2 | Brass   |                           |               |         | 12.0 | 0.081      | g |  |
| Substance | 3 | Chromium  | Supplier                  | 7440-47-3     | 0.0010  | 12.0 | 8.1E-7     | g |  |
| Substance | 3 | Zinc  | Supplier                  | 7440-66-6     | 28.0225 | 12.0 | 0.02269822 | g |  |
| Substance | 3 | Manganese   | Supplier                  | 7439-96-5     | 0.05    | 12.0 | 4.05E-5    | g |  |
| Substance | 3 | Antimony  | Supplier                  | 7440-36-0     | 0.01    | 12.0 | 8.1E-6     | g |  |
| Substance | 3 | Iron  | Supplier                  | 7439-89-6     | 0.05    | 12.0 | 4.05E-5    | g |  |
| Substance | 3 | Cobalt  | Supplier                  | 7440-48-4     | 0.1     | 12.0 | 8.1E-5     | g |  |
| Substance | 3 | Beryllium   | Supplier                  | 7440-41-7     | 0.0010  | 12.0 | 8.1E-7     | g |  |
| Substance | 3 | Copper  | Supplier                  | 7440-50-8     | 71.5    | 12.0 | 0.057915   | g |  |
| Substance | 3 | Arsenic   | Supplier                  | 7440-38-2     | 0.01    | 12.0 | 8.1E-6     | g |  |
| Substance | 3 | Mercury   | Mercury/Mercury Compounds | 7439-97-6     | 5.0E-4  | 12.0 | 4.05E-7    | g |  |
| Substance | 3 | Nickel  | Nickel                    | 7440-02-0     | 0.2     | 12.0 | 1.62E-4    | g |  |
| Substance | 3 | Cadmium   | Cadmium/Cadmium Compounds | 7440-43-9     | 0.0050  | 12.0 | 4.05E-6    | g |  |
| Substance | 3 | Lead  | Lead/Lead Compounds       | 7439-92-1     | 0.05    | 12.0 | 4.05E-5    | g |  |
| Sub-Item  | 1 | 025 CAP HSG 24P H-TYPE                                    |                           |               |         | 1.0  | 4.14       | g |  |
| Material  | 2 | PBT-GF15  |                           |               |         | 1.0  | 4.14       | g |  |
| Substance | 3 | Glass, oxide, chemicals                                   | Supplier                  | 65997-17-3    | 17.0    | 1.0  | 0.7038     | g |  |
| Substance | 3 | 1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol | Supplier                  | 26062-94-2    | 81.0    | 1.0  | 3.3534     | g |  |
| Substance | 3 | Contains No Reportable TE5081-2 Substances                | Supplier                  | TE5081-2-1212 | 2.0     | 1.0  | 0.0828     | g |  |