



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	Penica, John R	Contact Title	Mgr Environmental Engineering		
Company Unique ID	-	Response Date	2014-07-21	Contact Email	jrpenica@te.com				
Contact Phone Number	1-717-592-3266								
<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	1-1415898-4	Amount	12669.01	Version	-	Identity			
Manufacturer Item Name		Weight Uom	mg	Mfr Site		Authority			
Date		UOM	Each						
EURoHS-0508	Product(s) meets EU RoHS requirement without any exemptions - true								
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 - true								
EUREACH-1213	Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH - Not Available / Not 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	10.0	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	2022110-1				1.0	314.0	mg	
Material	2	Polyester Compound				1.0	314.0	mg	
Substance	3	Benzene, 1,2,4,5-tetrabromo-3,6-bis(2,3,4,5,6-pentabromophenoxy)-	Brominated Flame Retardants (other than PBBs or PBDEs)	58965-66-5	20.0	1.0	62.8	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	35.0	1.0	109.9	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	10.0	1.0	31.4	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	5.0	1.0	15.7	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	94.2	mg	
Sub-Item	1	1936824-1				1.0	3050.0	mg	
Material	2	Copper				1.0	689.0	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.3445	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.689	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.00689	mg	
Substance	3	Copper	Supplier	7440-50-8	99.6975	1.0	686.91577	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00689	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0689	mg	

Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.0689	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.1378	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.689	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.003445	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.0689	mg	
Material	2	AgSnO2/10/B/-/M2X-1				1.0	210.0	mg	
Substance	3	Indium oxide (In2O3)	Supplier	1312-43-2	2.5	1.0	5.25	mg	
Substance	3	Tin oxide	Supplier	1332-29-2	8.5	1.0	17.85	mg	
Substance	3	Silver	Supplier	7440-22-4	89.0	1.0	186.9	mg	
Material	2	Copper Alloy				1.0	541.0	mg	
Substance	3	Silver	Supplier	7440-22-4	0.3	1.0	1.623	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.1	1.0	0.541	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.541	mg	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	1.082	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00541	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.01	1.0	0.0541	mg	
Substance	3	Copper	Supplier	7440-50-8	98.2585	1.0	531.57849	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0541	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.0541	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.15	1.0	0.8115	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.7	1.0	3.787	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.541	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.0541	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.2705	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.002705	mg	
Material	2	VESTODUR X7212 NATURAL, A				1.0	1610.0	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	6.0	1.0	96.6	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	41.0	1.0	660.1	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	8.0	1.0	128.8	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	45.0	1.0	724.5	mg	
Sub-Item	1	2022116-1				1.0	1168.41	mg	
Material	2	Polyester Compound				1.0	1168.41	mg	
Substance	3	Unspecified ROHS Compliant Substance	Supplier	Unspecified Compliant Substance	16.0	1.0	186.9456	mg	
Substance	3	Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[phenol]	Supplier	25971-63-5	60.5	1.0	706.88805	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	11.0	1.0	128.5251	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	12.5	1.0	146.05125	mg	
Sub-Item	1	1-1936825-6				1.0	7976.6	mg	
Material	2	100-2220				1.0	4756.0	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.33292	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	7.134	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.4756	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.33292	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	17.1216	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.09	1.0	4.2804	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	1.04632	mg	
Substance	3	Copper	Supplier	7440-50-8	0.08	1.0	3.8048	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.4756	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.4756	mg	

Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	2.8536	mg	
Substance	3	Iron	Supplier	7439-89-6	98.8885	1.0	4703.13706	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	1.04632	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	4.756	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.04756	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0070	1.0	0.33292	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	3.3292	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.02378	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	4.756	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.2378	mg	
Material	2	Copper				1.0	2810.0	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.281	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0281	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.281	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.562	mg	
Substance	3	Copper	Supplier	7440-50-8	99.6975	1.0	2801.49975	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	2.81	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0281	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.281	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	2.81	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	1.405	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.01405	mg	
Material	2	Phos Bronze				1.0	32.0	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	1.0	0.112	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.032	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	1.0	0.0048	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.032	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.0064	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	3.2E-4	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0032	mg	
Substance	3	Tin	Supplier	7440-31-5	7.0	1.0	2.24	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	0.096	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.0032	mg	
Substance	3	Copper	Supplier	7440-50-8	91.9385	1.0	29.42032	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.032	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.016	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0016	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.6E-4	mg	
Material	2	Copper Plate				1.0	44.7	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0447	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	44.6553	mg	
Material	2	Nickel Plate				1.0	25.3	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0506	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0253	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	25.2241	mg	
Material	2	VESTODUR X7212 NATURAL, A				1.0	297.0	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	6.0	1.0	17.82	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	41.0	1.0	121.77	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	8.0	1.0	23.76	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	45.0	1.0	133.65	mg	

Material	2	Beryllium Copper				1.0	11.6	mg	
Substance	3	Cadmium	Cadmium/Cad mium Compounds	7440-43-9	0.01	1.0	0.00116	mg	
Substance	3	Copper	Supplier	7440-50-8	96.9485	1.0	11.24603	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.00232	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00116	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.6	1.0	0.0696	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.00116	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.0116	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	1.16E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0116	mg	
Substance	3	Mercury	Mercury/Mercu ry Compounds	7439-97-6	5.0E-4	1.0	5.8E-5	mg	
Substance	3	Nickel	Nickel	7440-02-0	2.2	1.0	0.2552	mg	
Sub-Item	1	1936000-1				1.0	160.0	mg	
Material	2	EPOXY RESIN				1.0	160.0	mg	
Substance	3	Oxirane, 2,2- [[[(oxiranylmeth oxy)phenyl]met hylene]bis[(1,1 - dimethylethyl) methylphenyle ne]oxymethyle ne]]bis-	Supplier	129915-35-1	100.0	1.0	160.0	mg	