



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Subsectionals	D, A
Supplier Information									
Company Name	TE Connectivity	Request Document ID		Contact Name	Penica, John R	Contact Title	Mgr Environmental Engineering		
Company Unique ID	-	Response Date	2014-06-09	Contact Email	jrpenica@te.com				
Contact Phone Number	1717592-3266								
Legal Statement									
Supplier Acceptance	true								
Legal Statement									
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.									
Product									
Manufacturer Item number	1658610-4	Amount	5331.903712	Version	-	Identity			
Manufacturer Item Name		Weight Uom	mg	Mfr Site		Authority			
Date		UOM	Each						
EUroHS-0508	Product(s) meets EU RoHS requirements by application of the selected exemption(s) - true								
ChinaRoHS-0508	Product(s) requires marking for the presence of restricted substances and must be marked with an Environmental Protection Use Period under China's Measures for Administration of the control of pollution by Electronic Information Products - true								
Manufacturing Information									
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	Cu Alloy		
Preheat Duration		bulk Solder Termination	NAC	Nbr or Reflow Cycles		Terminal Plating	Matte Tin (Sn) - reflowed over Nickel (Ni) barrier		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	NAC		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	747061-2				1.0	2496.44	mg	
Material	2	(PA6+PA66)-GF20				1.0	2057.1	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	102.855	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.04	1.0	0.82284	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	2.0	1.0	41.142	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.10286	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	19.0	1.0	390.849	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	22.0	1.0	452.562	mg	
Substance	3	Polyamide Polymer Blend - ISO 1043-1 Term PA66+PA6	Supplier	1043-1-PA66+PA6	51.949	1.0	1068.64288	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0060	1.0	0.12343	mg	
Material	2	Brass				1.0	439.34	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0043934	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.043934	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.43934	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.043934	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.087868	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0043934	mg	

Substance	3	Iron	Supplier	7439-89-6	0.35	1.0	1.53769	mg	
Substance	3	Zinc	Supplier	7440-66-6	32.7475	1.0	143.87287	mg	
Substance	3	Copper	Supplier	7440-50-8	63.0	1.0	276.7842	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0021967	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	3.7	1.0	16.25558	mg	6(c) Lead as an alloying element in copper containing up to 4% lead by weight
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.043934	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.21967	mg	
Sub-Item	1	1-746827-1				2.0	73.778504	mg	
Material	2	Phos Bronze				2.0	52.3	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6835	2.0	49.51947	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.01046	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.00523	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	2.0	2.3535	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	2.0	0.007845	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.00523	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.0523	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	5.23E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	2.0	0.1569	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	2.0	0.0523	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.0523	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	2.0	0.00523	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.02615	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.0523	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	2.615E-4	mg	
Material	2	Gold Plate				2.0	0.301112	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	2.0	0.30021	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	2.0	9.0334E-4	mg	
Material	2	Nickel Plate				2.0	15.495178	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.03099036	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.01549518	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	2.0	15.44869	mg	
Material	2	Tin Plate				2.0	5.682214	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	2.0	0.00567653	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	2.0	5.67654	mg	
Sub-Item	1	747059-1				1.0	1049.9	mg	
Material	2	PBT-GF30FR(17)				1.0	1049.9	mg	
Substance	3	Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[2,6-dibromophenol] and phenol	Brominated Flame Retardants (other than PBBs or PBDEs)	94334-64-2	30.0	1.0	314.97	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	33.0	1.0	346.467	mg	
Substance	3	Furan, tetrahydro-	Supplier	109-99-9	1.0	1.0	10.499	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.0	1.0	10.499	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	52.495	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	314.97	mg	
Sub-Item	1	3-204341-5				1.0	1638.006704	mg	
Material	2	Tin Plate				1.0	41.629697	mg	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	1.0	0.16652	mg	
Substance	3	Tin	Supplier	7440-31-5	99.5	1.0	41.42155	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0416297	mg	
Material	2	Copper Plate				1.0	25.377007	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.02537701	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	25.35163	mg	
Material	2	Carbon Steel				1.0	1571.0	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.05	1.0	0.7855	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.1571	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.02	1.0	0.3142	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.15	1.0	2.3565	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.1	1.0	1.571	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.01571	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.1571	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.571	mg	
Substance	3	Iron	Supplier	7439-89-6	97.9335	1.0	1538.53528	mg	
Substance	3	Molybdenum	Supplier	7439-98-7	0.75	1.0	11.7825	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.035	1.0	0.54985	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.6	1.0	9.426	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.08	1.0	1.2568	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.007855	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.571	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.7855	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.1571	mg	