



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	2014-07-14	Contact Email	jrpenica@te.com				
Contact Phone Number	1-717-592-3266								
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	87224-2	Amount	139.370883	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								
Manufacturing Information									
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		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	Nylon Compound				1.0	29.090883	mg	
Material	2	POLYAMIDE				1.0	29.090883	mg	
Substance	3	Copper iodide (CuI)	Supplier	7681-65-4	0.011	1.0	0.0032	mg	
Substance	3	Boric acid, zinc salt	Supplier	1332-07-6	2.1	1.0	0.61091	mg	
Substance	3	Poly[[imino(1,6-dioxo-1,6-hexanediy)]imino-1,6-hexanediy]]	Supplier	32131-17-2	51.0	1.0	14.83635	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	4.8	1.0	1.39636	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	0.14545	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	24.0	1.0	6.98181	mg	
Substance	3	1,4:7,10-Dimethanodibenzocyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-	Supplier	13560-89-9	14.2	1.0	4.13091	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	3.389	1.0	0.98589	mg	
Sub-Item	1	104012-3				2.0	55.14	mg	
Material	2	Nickel Plate				2.0	0.596	mg	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.001192	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	5.96E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	2.0	0.59421	mg	
Material	2	Gold Plate				2.0	0.135	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	2.0	0.13459	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	2.0	4.05E-4	mg	
Material	2	Phos Bronze				2.0	54.392	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6835	2.0	51.50025	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.0108784	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.0054392	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	2.0	2.44764	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	2.0	0.0081588	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.0054392	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.054392	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	5.4392E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	2.0	0.16318	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	2.0	0.054392	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.054392	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	2.0	0.0054392	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.027196	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.054392	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	2.7196E-4	mg	
Material	2	Gold Plate				2.0	0.017	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.1	2.0	1.7E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.9	2.0	0.016983	mg	