



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	640440-2	Amount	346.382	Version	-	Identity			
Manufacturer Item Name		Weight Uom	mg	Mfr Site		Authority			
Date		UOM	Each						
EUROHS-0508	Product(s) does not meet EU RoHS requirements and is not under exemptions - 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								
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	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	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	640538-2				1.0	160.97	mg	
Material	2	COLORANT				1.0	3.2194	mg	
Substance	3	Titanium oxide (TiO2)	Supplier	13463-67-7	14.76	1.0	0.47518	mg	
Substance	3	Octadecanoic acid, zinc salt (2:1)	Supplier	557-05-1	1.0	1.0	0.032194	mg	
Substance	3	Poly[imino(1-oxo-1,6-hexanediyl)]	Supplier	25038-54-4	84.24	1.0	2.71202	mg	
Material	2	PA66				1.0	157.7506	mg	
Substance	3	Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]	Supplier	32131-17-2	99.0	1.0	156.17309	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	1.0	1.0	1.57751	mg	
Sub-Item	1	640437-1				2.0	92.706	mg	
Material	2	Phos Bronze				2.0	90.4	mg	
Substance	3	Copper	Supplier	7440-50-8	93.1335	2.0	84.19268	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.01808	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	2.0	0.2712	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.00904	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	2.0	0.3164	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	2.0	0.01356	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.0904	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	9.04E-4	mg	

Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.0904	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.00904	mg	
Substance	3	Tin	Supplier	7440-31-5	5.8	2.0	5.2432	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	4.52E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	2.0	0.00904	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.0452	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.0904	mg	
Material	2	Tin-Lead Plate				2.0	2.306	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	7.0	2.0	0.16142	mg	
Substance	3	Tin	Supplier	7440-31-5	92.3	2.0	2.12844	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.7	2.0	0.016142	mg	