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**	2014-05-27	**Contact Email**	jrpenica@te.com		
Contact Phone Number	717593266						

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	2-1445054-4	**Amount**	608.992	**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						

Manufacturing Information							
J-STD-020 MSL Rating		**Max Total a Wave Time**		**Ramp Rate**		**Wave Additional Info**	
Classification Temp		**Max Wave Solder Time**	20.0	**Ramp Down Rate**		**Psl Rating Reflow**	
Max Time Within 5		**Psl 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	1445060-4				1.0	339.2	mg	
Material	2	PA4T-GF30FR(40)				1.0	339.2	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	101.76	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	2.5	1.0	8.48	mg	
Substance	3	Halogen-free organic phosphorus flame retradant - ISO 1043-4 code #FR(40)	Supplier	1043-4-FR40	12.0	1.0	40.704	mg	
Substance	3	Polyamide 4T - ISO 1043-1 Term PA4T	Supplier	1043-1-PA4T	55.5	1.0	188.256	mg	
Sub-Item	1	1445061-1				2.0	45.97	mg	
Material	2	Tin Plate				2.0	1.1	mg	
Substance	3	Tin	Supplier	7440-31-5	99.5	2.0	1.0945	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	2.0	0.0044	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.0011	mg	
Material	2	Phos Bronze				2.0	44.2	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.0442	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.00442	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	2.0	0.0884	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	2.0	0.00663	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0335	2.0	39.79481	mg	

Substance	3	Phosphorus	Supplier	7723-14-0	0.35	2.0	0.1547	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.00884	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	4.42E-4	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.00442	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.0442	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	2.0	3.978	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.0442	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	2.21E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	2.0	0.00442	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.0221	mg	
Material	2	Nickel Plate				2.0	0.67	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.00134	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	6.7E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	2.0	0.66799	mg	
Sub-Item	1	2029308-4				4.0	44.463	mg	
Material	2	Tin Plate				4.0	0.592	mg	
Substance	3	Tin	Supplier	7440-31-5	99.5	4.0	0.58904	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	4.0	0.002368	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	5.92E-4	mg	
Material	2	Brass				4.0	43.6	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	4.0	4.36E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	4.0	12.21781	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	4.0	0.0218	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.00436	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	4.0	0.0218	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.0436	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	4.36E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	4.0	31.174	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	4.0	0.00436	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	2.18E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	4.0	0.0872	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.00218	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.0218	mg	
Material	2	Nickel Plate				4.0	0.271	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	5.42E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	2.71E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	0.27019	mg	