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**	2014-07-07	**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	194189-7	**Amount**	4758.895406	**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**	0.0	**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**	Cu Alloy
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	193840-5				1.0	78.2	mg	
Material	2	Stainless Steel				1.0	78.2	mg	
Substance	3	Chromium	Supplier	7440-47-3	18.0	1.0	14.076	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.5	1.0	0.391	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.045	1.0	0.03519	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00782	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.01	1.0	0.00782	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.5	1.0	1.173	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	0.1173	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	1.564	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.02346	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.03	1.0	0.02346	mg	
Substance	3	Iron	Supplier	7439-89-6	68.6145	1.0	53.65654	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0782	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.00782	mg	
Substance	3	Nickel	Nickel	7440-02-0	9.0	1.0	7.038	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	3.91E-4	mg	
Sub-Item	1	2-194188-0				1.0	4680.695406	mg	
Material	2	Silver Plate				1.0	15.780006	mg	
Substance	3	Silver	Supplier	7440-22-4	98.0	1.0	15.46441	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	2.0	1.0	0.3156	mg	
Material	2	Nickel Plate				1.0	2.61629	mg	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.00523258	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.00261629	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	2.60844	mg	
Material	2	Copper				1.0	4662.0366	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.93241	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.04662037	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.4662	mg	
Substance	3	Copper	Supplier	7440-50-8	98.9875	1.0	4614.83348	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	4.66204	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.4662	mg	
Substance	3	Tellurium	Supplier	13494-80-9	0.7	1.0	32.63426	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.04662037	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.01	1.0	0.4662	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	4.66204	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	2.33102	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.4662	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.02331018	mg	
Material	2	Copper Plate				1.0	0.26251	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	2.6251E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	0.26225	mg	