



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	2014-06-23	Contact Email	jrpenica@te.com				
Contact Phone Number		17175923266							
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	2-5177986-4	Amount	2003.11931	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		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	5179030-4				1.0	1607.11931	mg	
Material	2	Gold Plate				1.0	0.735	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	0.7328	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	1.0	0.002205	mg	
Material	2	LCP-GF30				1.0	1158.0016	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	347.40048	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.4	1.0	4.63201	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	69.6	1.0	805.96911	mg	
Material	2	Tin Plate				1.0	2.85041	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	0.00284756	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	1.0	2.84756	mg	
Material	2	Nickel Plate				1.0	15.5323	mg	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0310646	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0155323	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	15.4857	mg	
Material	2	Brass				1.0	430.0	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0043	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	1.0	120.49675	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	1.0	0.215	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.043	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	1.0	0.215	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.43	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0043	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	1.0	307.45	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.043	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00215	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	1.0	0.86	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0215	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.215	mg	
Sub-Item	1	177928-1				1.0	396.0	mg	
Material	2	Stainless Steel				1.0	396.0	mg	
Substance	3	Manganese	Supplier	7439-96-5	1.0	1.0	3.96	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.04	1.0	0.1584	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.2	1.0	0.792	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.03	1.0	0.1188	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0396	mg	
Substance	3	Iron	Supplier	7439-89-6	79.9785	1.0	316.71486	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.396	mg	
Substance	3	Chromium	Supplier	7440-47-3	18.0	1.0	71.28	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00396	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.1188	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.396	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.0396	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.5	1.0	1.98	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00198	mg	