



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	Sr Mgr Environmental Engineering, Ind Central Eng		
Company Unique ID	TE Connectivity	Response Date	2015-11-06	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	281698-4	Amount	533.12	Version	-	Identity			
Manufacturer Item Name	HEADER HE14 RA 4 P	Weight Uom	mg	Mfr Site		Authority			
Date		UOM	Each						
EUroHS-0508	Product(s) meets EU RoHS requirement without any exemptions								
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								
EUREACH-1214	REACH Candidate Substances of Very High Concern ARE NOT Yet 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	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	HOUSING MALE HE13 HE14 4 P				1.0	309.0	mg	
Material	2	PA36-GF30				1.0	309.0	mg	
Substance	3	Hexanedioic acid, polymer with 1,4-butanediamine	Supplier	50327-77-0	43.886	1.0	135.60774	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	19.5	1.0	60.255	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	92.7	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.5	1.0	16.995	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	1.1	1.0	3.399	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0060	1.0	0.01854	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0080	1.0	0.02472	mg	
Sub-Item	1	PIN, HE13 HE14, LENGTH=15,8				4.0	56.03	mg	
Material	2	Phos Bronze				4.0	54.5	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.00545	mg	
Substance	3	Copper	Supplier	7440-50-8	91.9385	4.0	50.10648	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	4.0	0.00545	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	4.0	0.1635	mg	

Substance	3	Manganese	Supplier	7439-96-5	0.02	4.0	0.0109	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	5.45E-4	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.0545	mg	
Substance	3	Tin	Supplier	7440-31-5	7.0	4.0	3.815	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	4.0	0.19075	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.015	4.0	0.008175	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	4.0	0.0545	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	2.725E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.002725	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	4.0	0.0545	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.02725	mg	
Material	2	Tin Plate				4.0	0.76	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	4.0	7.5924E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	4.0	0.75924	mg	
Material	2	Nickel Plate				4.0	0.77	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.00154	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	7.7E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	0.76769	mg	