



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Subsectionals	D, A
<b>Supplier Information</b>									
Company Name	TE Connectivity	Request Document ID		Contact Name	Revak, David M	Contact Title	Mgr Product Engineering		
Company Unique ID	TE Connectivity	Response Date	2016-12-05	Contact Email	david.revak@te.com				
Contact Phone Number	+1-336-664-1906								
<b>Legal Statement</b>									
Supplier Acceptance	true								
<b>Legal Statement</b>									
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.									
<b>Product</b>									
Manufacturer Item number	344103-1	Amount	22.893444	Version	-	Identity			
Manufacturer Item Name	18W ENG.MAN.SYS. HEADER	Weight Uom	g	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-1215	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH								
<b>Manufacturing Information</b>									
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	Not Applicable		
Preheat Duration		bulk Solder Termination	Not Applicable	Nbr or Reflow Cycles		Terminal Plating	Not Applicable		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	Not Applicable		
<b>Product Disclosure</b>									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	HDR PIN - UPPER (LONG) COMB				6.0	0.554101	g	
Material	2	Brass				6.0	0.548565	g	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	6.0	5.48565E-6	g	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	6.0	0.15372163	g	
Substance	3	Manganese	Supplier	7439-96-5	0.05	6.0	2.7428E-4	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	6.0	5.48565E-5	g	
Substance	3	Iron	Supplier	7439-89-6	0.05	6.0	2.7428E-4	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	6.0	5.4857E-4	g	
Substance	3	Copper	Supplier	7440-50-8	71.5	6.0	0.39222398	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	6.0	5.48565E-6	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	6.0	5.48565E-5	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	6.0	2.742825E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	0.2	6.0	0.00109713	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	6.0	2.742825E-5	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	6.0	2.7428E-4	g	
Material	2	Nickel Plate				6.0	0.00446	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	6.0	4.46E-6	g	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	8.92E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	99.7	6.0	0.00444662	g	
Material	2	Tin Plate				6.0	5.82E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	1.164E-6	g	
Substance	3	Tin	Supplier	7440-31-5	99.73	6.0	5.8043E-4	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	6.0	4.074E-7	g	
Material	2	Gold Plate				6.0	4.94E-4	g	
Substance	3	Gold	Supplier	7440-57-5	99.7	6.0	4.9252E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	6.0	1.482E-6	g	
Sub-Item	1	HDR PIN - MIDDLE (MEDIUM)CO MB				6.0	0.438728	g	
Material	2	Brass				6.0	0.434103	g	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	6.0	4.34103E-6	g	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	6.0	0.12164651	g	
Substance	3	Manganese	Supplier	7439-96-5	0.05	6.0	2.1705E-4	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	6.0	4.34103E-5	g	
Substance	3	Iron	Supplier	7439-89-6	0.05	6.0	2.1705E-4	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	6.0	4.341E-4	g	
Substance	3	Copper	Supplier	7440-50-8	71.5	6.0	0.31038365	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	6.0	4.34103E-6	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	6.0	4.34103E-5	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	6.0	2.170515E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	0.2	6.0	8.6821E-4	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	6.0	2.170515E-5	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	6.0	2.1705E-4	g	
Material	2	Nickel Plate				6.0	0.003549	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	6.0	3.549E-6	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	7.098E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	99.7	6.0	0.00353835	g	
Material	2	Tin Plate				6.0	5.82E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	1.164E-6	g	
Substance	3	Tin	Supplier	7440-31-5	99.73	6.0	5.8043E-4	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	6.0	4.074E-7	g	
Material	2	Gold Plate				6.0	4.94E-4	g	
Substance	3	Gold	Supplier	7440-57-5	99.7	6.0	4.9252E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	6.0	1.482E-6	g	
Sub-Item	1	Nylon Compound				1.0	15.0003	g	
Material	2	NYLON				1.0	15.0003	g	
Substance	3	Aluminum, hydroxybis(octadecanoato-kappa.O)-	Supplier	300-92-5	0.5	1.0	0.0750015	g	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	3.0	1.0	0.450009	g	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	2.250045	g	
Substance	3	Copper iodide (CuI)	Supplier	7681-65-4	0.1	1.0	0.0150003	g	
Substance	3	Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-	Supplier	128-37-0	0.1	1.0	0.0150003	g	
Substance	3	Polyamide 66 - ISO 1043-1 Term PA66	Supplier	1043-1-PA66	78.3	1.0	11.7452349	g	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.5	1.0	0.0750015	g	
Substance	3	Carbon black	Supplier	1333-86-4	2.0	1.0	0.300006	g	
Substance	3	Potassium bromide	Supplier	7758-02-3	0.5	1.0	0.0750015	g	
Sub-Item	1	HDR PIN - LOWER (SHORT) COMB				6.0	0.322695	g	
Material	2	Brass				6.0	0.318911	g	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	6.0	3.18911E-6	g	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	6.0	0.08936683	g	
Substance	3	Manganese	Supplier	7439-96-5	0.05	6.0	1.5946E-4	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	6.0	3.18911E-5	g	
Substance	3	Iron	Supplier	7439-89-6	0.05	6.0	1.5946E-4	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	6.0	3.1891E-4	g	
Substance	3	Copper	Supplier	7440-50-8	71.5	6.0	0.22802136	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	6.0	3.18911E-6	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	6.0	3.18911E-5	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	6.0	1.594555E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	0.2	6.0	6.3782E-4	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	6.0	1.594555E-5	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	6.0	1.5946E-4	g	
Material	2	Nickel Plate				6.0	0.002708	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	6.0	2.708E-6	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	5.416E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	99.7	6.0	0.00269988	g	
Material	2	Tin Plate				6.0	5.82E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	6.0	1.164E-6	g	
Substance	3	Tin	Supplier	7440-31-5	99.73	6.0	5.8043E-4	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	6.0	4.074E-7	g	
Material	2	Gold Plate				6.0	4.94E-4	g	
Substance	3	Gold	Supplier	7440-57-5	99.7	6.0	4.9252E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	6.0	1.482E-6	g	