



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	Chan, Nelson	Contact Title	Manager Sales, HKG SELL DIR-EMS		
Company Unique ID	TE Connectivity	Response Date	2016-08-11	Contact Email	nelson.chan@te.com				
Contact Phone Number	852-2738-8751								
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	166054-1	Amount	93.03	Version	-	Identity			
Manufacturer Item Name	HD20 PIN CONTACT	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-1215	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH								
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		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
Material	1	Brass				1.0	91.4	mg	
Substance	2	Chromium	Supplier	7440-47-3	0.0010	1.0	9.14E-4	mg	
Substance	2	Zinc	Supplier	7440-66-6	28.0225	1.0	25.61256	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.05	1.0	0.0457	mg	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	0.00914	mg	
Substance	2	Iron	Supplier	7439-89-6	0.05	1.0	0.0457	mg	
Substance	2	Cobalt	Supplier	7440-48-4	0.1	1.0	0.0914	mg	
Substance	2	Copper	Supplier	7440-50-8	71.5	1.0	65.351	mg	
Substance	2	Beryllium	Supplier	7440-41-7	0.0010	1.0	9.14E-4	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.01	1.0	0.00914	mg	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	4.57E-4	mg	
Substance	2	Nickel	Nickel	7440-02-0	0.2	1.0	0.1828	mg	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.00457	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.0457	mg	
Material	1	Nickel Plate				1.0	1.29	mg	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.00258	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.00129	mg	
Substance	2	Nickel	Nickel	7440-02-0	99.7	1.0	1.28613	mg	
Material	1	Gold Plate				1.0	0.14	mg	
Substance	2	Gold	Supplier	7440-57-5	99.7	1.0	0.13958	mg	

Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	4.2E-4	mg	
Material	1	Tin Plate				1.0	0.2	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	1.4E-4	mg	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	4.0E-4	mg	
Substance	2	Tin	Supplier	7440-31-5	99.73	1.0	0.19946	mg	