



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	2016-08-09	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	5747840-6	Amount	6993.157263	Version	-	Identity			
Manufacturer Item Name	HD-20 PLUG RA .318 FMS BD-LK S	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	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	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	BOARDLOCK, STRIP, PLATED				2.0	131.89	mg	
Material	2	Brass				2.0	127.7	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	2.0	0.001277	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	2.0	35.78473	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	2.0	0.06385	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.01277	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	2.0	0.06385	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.1277	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	2.0	91.3055	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.001277	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	2.0	0.01277	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	6.385E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	2.0	0.2554	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	2.0	0.006385	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.06385	mg	
Material	2	Tin Plate				2.0	2.6	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.0052	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	2.0	2.59298	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	2.0	0.00182	mg	

Material	2	Nickel Plate				2.0	1.59	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.00318	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.00159	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	2.0	1.58523	mg	
Sub-Item	1	20 DF PIN .025 SLDR-TAIL 1.024				5.0	81.3438	mg	
Material	2	Brass				5.0	80.0	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	5.0	8.0E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	5.0	22.418	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	5.0	0.04	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	5.0	0.0080	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	5.0	0.04	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	5.0	0.08	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	5.0	57.2	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	5.0	8.0E-4	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	5.0	0.0080	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	5.0	4.0E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	5.0	0.16	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	5.0	0.0040	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	5.0	0.04	mg	
Material	2	Tin Plate				5.0	0.0293	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	5.0	5.86E-5	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	5.0	0.02922089	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	5.0	2.051E-5	mg	
Material	2	Gold Plate				5.0	0.0112	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	5.0	3.36E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	5.0	0.0111664	mg	
Material	2	Nickel Plate				5.0	1.25	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	5.0	0.0025	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	5.0	0.00125	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	5.0	1.24625	mg	
Material	2	Gold Plate				5.0	0.0533	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	5.0	0.0531401	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	5.0	1.599E-4	mg	
Sub-Item	1	09 MSFL PLUG RA 318 HSG				1.0	2631.0	mg	
Material	2	PA66-GF25				1.0	2631.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	3.5	1.0	92.085	mg	
Substance	3	Benzenamine, reaction products with aniline hydrochloride and nitrobenzene	Supplier	101357-15-7	4.0	1.0	105.24	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	25.0	1.0	657.75	mg	
Substance	3	Poly[imino(1,6-dioxo-1,6-hexanediy)]imino-1,6-hexanediy]	Supplier	32131-17-2	61.5	1.0	1618.065	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	6.0	1.0	157.86	mg	
Sub-Item	1	EYELET, FORMED, TIN				2.0	154.74	mg	
Material	2	Brass				2.0	148.0	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	2.0	0.00148	mg	

Substance	3	Zinc	Supplier	7440-66-6	28.0225	2.0	41.4733	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	2.0	0.074	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.0148	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	2.0	0.074	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.148	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	2.0	105.82	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.00148	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	2.0	0.0148	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	7.4E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	2.0	0.296	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	2.0	0.0074	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.074	mg	
Material	2	Copper Plate				2.0	3.71	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.00371	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	2.0	3.70629	mg	
Material	2	Tin Plate				2.0	3.03	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	2.0	0.002121	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.00606	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	2.0	3.02182	mg	
Sub-Item	1	20 DF PIN .025 SLDR-TAIL .800				4.0	68.1532	mg	
Material	2	Brass				4.0	66.8	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	4.0	6.68E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	4.0	18.71903	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	4.0	0.0334	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.00668	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	4.0	0.0334	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.0668	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	4.0	47.762	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	6.68E-4	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	4.0	0.00668	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	3.34E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	4.0	0.1336	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.00334	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.0334	mg	
Material	2	Tin Plate				4.0	0.0293	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	5.86E-5	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	4.0	0.02922089	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	4.0	2.051E-5	mg	
Material	2	Gold Plate				4.0	0.0206	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	4.0	6.18E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	4.0	0.0205382	mg	
Material	2	Nickel Plate				4.0	1.25	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.0025	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.00125	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	1.24625	mg	
Material	2	Gold Plate				4.0	0.0533	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	4.0	0.0531401	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	4.0	1.599E-4	mg	
Sub-Item	1	SHELL, SZ1 PLUG 318 PLST DETW2				1.0	1993.794063	mg	
Material	2	Carbon Steel				1.0	1931.782818	mg	

Substance	3	Aluminum	Supplier	7429-90-5	0.08	1.0	1.54543	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.02	1.0	0.38636	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.02	1.0	0.38636	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.19318	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.02	1.0	0.38636	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.15	1.0	2.89767	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.93178	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.19318	mg	
Substance	3	Molybdenum	Supplier	7439-98-7	0.75	1.0	14.48837	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.4	1.0	7.72713	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.1	1.0	1.93178	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.01931783	mg	
Substance	3	Iron	Supplier	7439-89-6	98.1785	1.0	1896.59539	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.96589	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.19318	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00965891	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.93178	mg	
Material	2	Copper Plate				1.0	23.48511	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.02348511	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	23.46162	mg	
Material	2	Tin Plate				1.0	38.526135	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.02696829	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.07705227	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	38.42211	mg	
Sub-Item	1	SCREWLOCK, 4-40, COLD PRESS, PLTD				2.0	557.8857	mg	
Material	2	Tri Chrome Film				2.0	0.1857	mg	
Substance	3	Silicate(2-), hexafluoro-, hydrogen (1:2)	Supplier	16961-83-4	30.0	2.0	0.05571	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	10.0	2.0	0.01857	mg	
Substance	3	Chromium chloride (CrCl3), hydrate (1:6)	Supplier	10060-12-5	60.0	2.0	0.11142	mg	
Material	2	Zinc Alloy				2.0	557.7	mg	
Substance	3	Iron	Supplier	7439-89-6	0.08	2.0	0.44616	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.035	2.0	0.1952	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	2.0	0.05577	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.005577	mg	
Substance	3	Tin	Supplier	7440-31-5	0.0020	2.0	0.011154	mg	
Substance	3	Magnesium	Supplier	7439-95-4	0.05	2.0	0.27885	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.02	2.0	0.11154	mg	
Substance	3	Copper	Supplier	7440-50-8	0.1	2.0	0.5577	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.5577	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	2.0	0.27885	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.05577	mg	
Substance	3	Zinc	Supplier	7440-66-6	95.2145	2.0	531.01127	mg	
Substance	3	Aluminum	Supplier	7429-90-5	4.3	2.0	23.9811	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.02	2.0	0.11154	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0030	2.0	0.016731	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	0.0027885	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0040	2.0	0.022308	mg	