



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	Chan, Nelson	Contact Title	Manager Sales, HKG SELL DIR-EMS		
Company Unique ID	TE Connectivity	Response Date	2015-12-12	Contact Email	nelson.chan@te.com				
Contact Phone Number	+852-2738-8751								
<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	5749639-1	Amount	9915.0	Version	-	Identity			
Manufacturer Item Name	HD-22 PLUG 62P RA 30 DPLX BDLK/THD INS	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 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	Cu Alloy		
Preheat Duration		bulk Solder Termination	NAC	Nbr or Reflow Cycles		Terminal Plating	Ag plating on contact area. tin plating on solder tail area Ni underplating overall		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	NAC		
<b>Product Disclosure</b>									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Material	1	Contact-Au Plating				1.0	0.5	mg	
Substance	2	Gold	Supplier	7440-57-5	99.99	1.0	0.49995	mg	
Substance	2	Cobalt	Supplier	7440-48-4	0.01	1.0	5.0E-5	mg	
Material	1	Shell-Base Material				1.0	1899.8	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.0040	1.0	0.075992	mg	
Substance	2	Silicon	Supplier	7440-21-3	0.03	1.0	0.56994	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.038	1.0	0.72192	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.0040	1.0	0.075992	mg	
Substance	2	Phosphorus	Supplier	7723-14-0	0.0040	1.0	0.075992	mg	
Substance	2	Iron	Supplier	7439-89-6	99.92	1.0	1898.28016	mg	
Material	1	Boardlock-Base Material				1.0	703.5	mg	
Substance	2	Zinc	Supplier	7440-66-6	34.358	1.0	241.70853	mg	
Substance	2	Iron	Supplier	7439-89-6	0.035	1.0	0.24622	mg	
Substance	2	Copper	Supplier	7440-50-8	65.6	1.0	461.496	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0070	1.0	0.049245	mg	
Material	1	Contact-Base Material				1.0	1488.6	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0070	1.0	0.1042	mg	
Substance	2	Iron	Supplier	7439-89-6	0.035	1.0	0.52101	mg	
Substance	2	Copper	Supplier	7440-50-8	65.6	1.0	976.5216	mg	
Substance	2	Zinc	Supplier	7440-66-6	34.358	1.0	511.45319	mg	
Material	1	Boardlock-Sn Plating				1.0	0.5	mg	

Substance	2	Aluminum	Supplier	7429-90-5	3.0E-4	1.0	1.0E-5	mg	
Substance	2	Antimony	Supplier	7440-36-0	0.0072	1.0	3.6E-5	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.0012	1.0	1.0E-5	mg	
Substance	2	Bismuth	Supplier	7440-69-9	0.0030	1.0	1.5E-5	mg	
Substance	2	Tin	Supplier	7440-31-5	99.98	1.0	0.4999	mg	
Substance	2	Zinc	Supplier	7440-66-6	5.0E-4	1.0	1.0E-5	mg	
Substance	2	Iron	Supplier	7439-89-6	0.0031	1.0	1.55E-5	mg	
Substance	2	Copper	Supplier	7440-50-8	1.0E-4	1.0	1.0E-5	mg	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	1.0E-4	1.0	1.0E-5	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0045	1.0	2.25E-5	mg	
Material	1	Rivet-Base Material				1.0	720.0	mg	
Substance	2	Zinc	Supplier	7440-66-6	34.358	1.0	247.3776	mg	
Substance	2	Copper	Supplier	7440-50-8	65.6	1.0	472.32	mg	
Substance	2	Iron	Supplier	7439-89-6	0.035	1.0	0.252	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0070	1.0	0.0504	mg	
Material	1	Contact-Sn Plating				1.0	1.0	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0045	1.0	4.5E-5	mg	
Substance	2	Bismuth	Supplier	7440-69-9	0.0030	1.0	3.0E-5	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.0012	1.0	1.2E-5	mg	
Substance	2	Iron	Supplier	7439-89-6	0.0031	1.0	3.1E-5	mg	
Substance	2	Zinc	Supplier	7440-66-6	5.0E-4	1.0	1.0E-5	mg	
Substance	2	Tin	Supplier	7440-31-5	99.98	1.0	0.9998	mg	
Substance	2	Copper	Supplier	7440-50-8	1.0E-4	1.0	1.0E-5	mg	
Substance	2	Aluminum	Supplier	7429-90-5	3.0E-4	1.0	1.0E-5	mg	
Substance	2	Antimony	Supplier	7440-36-0	0.0072	1.0	7.2E-5	mg	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	1.0E-4	1.0	1.0E-5	mg	
Material	1	Housing				1.0	5100.0	mg	
Substance	2	Poly(butylene terephthalate) - ISO 1043-1 Term PBT	Supplier	1043-1-PBT	70.0	1.0	3570.0	mg	
Substance	2	Carbon black	Supplier	1333-86-4	0.3	1.0	15.3	mg	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	29.7	1.0	1514.7	mg	
Material	1	Shell-Ni Plating				1.0	0.2	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.0042	1.0	1.0E-5	mg	
Substance	2	Cobalt	Supplier	7440-48-4	0.05	1.0	1.0E-4	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.0010	1.0	1.0E-5	mg	
Substance	2	Iron	Supplier	7439-89-6	4.0E-4	1.0	1.0E-5	mg	
Substance	2	Zinc	Supplier	7440-66-6	3.0E-4	1.0	1.0E-5	mg	
Substance	2	Copper	Supplier	7440-50-8	0.0010	1.0	1.0E-5	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.023	1.0	4.6E-5	mg	
Substance	2	Nickel	Nickel	7440-02-0	99.92	1.0	0.199794	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	1.0E-4	1.0	1.0E-5	mg	
Material	1	Rivet-Ni Plating				1.0	0.2	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.0010	1.0	1.0E-5	mg	
Substance	2	Copper	Supplier	7440-50-8	0.0010	1.0	1.0E-5	mg	
Substance	2	Cobalt	Supplier	7440-48-4	0.05	1.0	1.0E-4	mg	
Substance	2	Iron	Supplier	7439-89-6	4.0E-4	1.0	1.0E-5	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.023	1.0	4.6E-5	mg	
Substance	2	Zinc	Supplier	7440-66-6	3.0E-4	1.0	1.0E-5	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.0042	1.0	1.0E-5	mg	
Substance	2	Nickel	Nickel	7440-02-0	99.92	1.0	0.199794	mg	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	1.0E-4	1.0	1.0E-5	mg	
Material	1	Contact-Ni Plating				1.0	0.7	mg	
Substance	2	Zinc	Supplier	7440-66-6	3.0E-4	1.0	1.0E-5	mg	
Substance	2	Arsenic	Supplier	7440-38-2	0.0010	1.0	1.0E-5	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.023	1.0	1.61E-4	mg	
Substance	2	Copper	Supplier	7440-50-8	0.0010	1.0	1.0E-5	mg	
Substance	2	Cobalt	Supplier	7440-48-4	0.05	1.0	3.5E-4	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.0042	1.0	2.94E-5	mg	
Substance	2	Iron	Supplier	7439-89-6	4.0E-4	1.0	1.0E-5	mg	
Substance	2	Nickel	Nickel	7440-02-0	99.92	1.0	0.6994096	mg	

Substance	2	Lead	Lead/Lead Compounds	7439-92-1	1.0E-4	1.0	1.0E-5	mg	
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