



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	GUIYING WANG	Contact Title	Product compliance engineer		
Company Unique ID	TE Connectivity	Response Date	2017-12-07	Contact Email	guiying.wang@te.com				
Contact Phone Number	+8675527620888								
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	1393212-8	Amount	85.80400666	Version	-	Identity			
Manufacturer Item Name	T92S7D12-12	Weight Uom	g	Mfr Site		Authority			
Date		UOM	Each						
EUROHS-0508	Product(s) meets EU RoHS requirements by application of the selected exemption(s)								
ChinaRoHS-0508	Product(s) is NOT eligible for marking with the e code under China's Measures for Administration of the control of pollution by Electronic Information Products								
EUREACH-0117	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH								
Complex Article Description	REACH Candidate Substances of Very High Concern according to Once an Article Always an Article 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	5.0	Ramp Down Rate		Psl Rating Reflow			
Max Time Within 5		Psl 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		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Material	1	Copper Alloy				1.0	11.636	g	
Substance	2	Chromium	Supplier	7440-47-3	0.01	1.0	0.0011636	g	
Substance	2	Phosphorus	Supplier	7723-14-0	0.15	1.0	0.017454	g	
Substance	2	Iron	Supplier	7439-89-6	2.6	1.0	0.302536	g	
Substance	2	Zinc	Supplier	7440-66-6	0.2	1.0	0.023272	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	0.0011636	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.1636E-4	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.1	1.0	0.011636	g	
Substance	2	Manganese	Supplier	7439-96-5	0.02	1.0	0.0023272	g	
Substance	2	Copper	Supplier	7440-50-8	96.7585	1.0	11.25881906	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.015	1.0	0.0017454	g	
Substance	2	Nickel	Nickel	7440-02-0	0.1	1.0	0.011636	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	5.818E-4	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	5.818E-5	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.03	1.0	0.0034908	g	
Material	1	Copper Plate				1.0	0.02383266	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	2.383266E-5	g	
Substance	2	Copper	Supplier	7440-50-8	99.9	1.0	0.02380883	g	
Material	1	Stainless Steel				1.0	0.79	g	

Substance	2	Chromium	Supplier	7440-47-3	18.0	1.0	0.1422	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.5	1.0	0.00395	g	
Substance	2	Phosphorus	Supplier	7723-14-0	0.045	1.0	3.555E-4	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	7.9E-5	g	
Substance	2	Carbon	Supplier	7440-44-0	0.15	1.0	0.001185	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.01	1.0	7.9E-5	g	
Substance	2	Silicon	Supplier	7440-21-3	1.5	1.0	0.01185	g	
Substance	2	Manganese	Supplier	7439-96-5	2.0	1.0	0.0158	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.03	1.0	2.37E-4	g	
Substance	2	Sulfur	Supplier	7704-34-9	0.03	1.0	2.37E-4	g	
Substance	2	Iron	Supplier	7439-89-6	68.6147	1.0	0.54205613	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	7.8921E-4	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0099	1.0	7.821E-5	g	
Substance	2	Nickel	Nickel	7440-02-0	9.0	1.0	0.0711	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	3.95E-6	g	
Material	1	Copper Plate				1.0	0.09848	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	9.848E-5	g	
Substance	2	Copper	Supplier	7440-50-8	99.9	1.0	0.09838152	g	
Material	1	PBT-I-GF30-FR(17)				1.0	3.711	g	
Substance	2	Dolomite (CaMg(CO3)2)	Supplier	16389-88-1	0.5	1.0	0.018555	g	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	35.0	1.0	1.29885	g	
Substance	2	Benzenepropionic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,1-[2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl] ester	Supplier	6683-19-8	0.2	1.0	0.007422	g	
Substance	2	Furan, tetrahydro-	Supplier	109-99-9	0.2	1.0	0.007422	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	3.0	1.0	0.11133	g	
Substance	2	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	2.0	1.0	0.07422	g	
Substance	2	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	Supplier	9002-84-0	1.0	1.0	0.03711	g	
Substance	2	Chlorite-group minerals	Supplier	1318-59-8	0.5	1.0	0.018555	g	
Substance	2	Carbon black	Supplier	1333-86-4	1.0	1.0	0.03711	g	
Substance	2	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	36.6	1.0	1.358226	g	
Substance	2	Phosphoric acid, zinc salt (2:3)	Supplier	7779-90-0	0.5	1.0	0.018555	g	
Substance	2	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	18.0	1.0	0.66798	g	
Substance	2	Quartz (SiO2)	Supplier	14808-60-7	0.5	1.0	0.018555	g	
Substance	2	2-Propenenitrile, polymer with ethenylbenzene	Supplier	9003-54-7	1.0	1.0	0.03711	g	
Material	1	Nickel Plate				1.0	0.02	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	2.0E-5	g	
Substance	2	Nickel	Nickel	7440-02-0	99.7	1.0	0.01994	g	

Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	4.0E-5	g	
Material	1	Lead-free Solder Bar				1.0	0.157	g	
Substance	2	Tin	Supplier	7440-31-5	99.3	1.0	0.155901	g	
Substance	2	Copper	Supplier	7440-50-8	0.7	1.0	0.001099	g	
Material	1	Copper				1.0	15.8093564	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.1	1.0	0.01580936	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.01	1.0	0.00158094	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.5809E-4	g	
Substance	2	Chromium	Supplier	7440-47-3	0.0010	1.0	1.5809E-4	g	
Substance	2	Copper	Supplier	7440-50-8	99.6975	1.0	15.7615331	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	0.00158094	g	
Substance	2	Manganese	Supplier	7439-96-5	0.02	1.0	0.00316187	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.01580936	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.00158094	g	
Substance	2	Nickel	Nickel	7440-02-0	0.05	1.0	0.00790468	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	7.904678E-5	g	
Material	1	Beryllium Copper				1.0	0.806	g	
Substance	2	Chromium	Supplier	7440-47-3	0.0010	1.0	8.06E-6	g	
Substance	2	Manganese	Supplier	7439-96-5	0.02	1.0	1.612E-4	g	
Substance	2	Iron	Supplier	7439-89-6	0.2	1.0	0.001612	g	
Substance	2	Aluminum	Supplier	7429-90-5	0.2	1.0	0.001612	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.5	1.0	0.00403	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.6	1.0	0.004836	g	
Substance	2	Copper	Supplier	7440-50-8	98.1535	1.0	0.79111721	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	8.06E-5	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.01	1.0	8.06E-5	g	
Substance	2	Silicon	Supplier	7440-21-3	0.2	1.0	0.001612	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	4.03E-5	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	4.03E-6	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	4.03E-4	g	
Substance	2	Nickel	Nickel	7440-02-0	0.05	1.0	4.03E-4	g	
Material	1	Tin Plate				1.0	0.06728	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	1.3456E-4	g	
Substance	2	Tin	Supplier	7440-31-5	99.73	1.0	0.06709834	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	4.7096E-5	g	
Material	1	Contact				1.0	0.464	g	
Substance	2	Silver	Supplier	7440-22-4	41.12	1.0	0.1907968	g	
Substance	2	Copper	Supplier	7440-50-8	54.31	1.0	0.2519984	g	
Substance	2	Cadmium oxide (CdO)	Cadmium/Cadmium Compounds	1306-19-0	4.57	1.0	0.0212048	g	8(b) Cadmium and its compounds electrical contacts
Material	1	Carbon Steel				1.0	22.11	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.1055E-4	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	0.002211	g	
Substance	2	Manganese	Supplier	7439-96-5	0.6	1.0	0.13266	g	
Substance	2	Carbon	Supplier	7440-44-0	0.13	1.0	0.028743	g	
Substance	2	Sulfur	Supplier	7704-34-9	0.04	1.0	0.008844	g	
Substance	2	Chromium	Supplier	7440-47-3	0.15	1.0	0.033165	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.0010	1.0	2.211E-4	g	
Substance	2	Phosphorus	Supplier	7723-14-0	0.02	1.0	0.004422	g	
Substance	2	Silicon	Supplier	7440-21-3	0.1	1.0	0.02211	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.1	1.0	0.02211	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.0099	1.0	0.00218889	g	
Substance	2	Iron	Supplier	7439-89-6	98.6837	1.0	21.81896607	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	0.02208789	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0011055	g	

Substance	2	Nickel	Nickel	7440-02-0	0.05	1.0	0.011055	g	
Material	1	Nickel Plate				1.0	0.011464	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	2.2928E-5	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.1464E-5	g	
Substance	2	Nickel	Nickel	7440-02-0	99.7	1.0	0.01142961	g	
Material	1	Epoxy Adhesive				1.0	0.45	g	
Substance	2	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	Supplier	25068-38-6	90.0	1.0	0.405	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	10.0	1.0	0.045	g	
Material	1	100-enamel				1.0	1.7546436	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0217	100.0	1.0	1.7546436	g	
Material	1	Epoxy Hardener				1.0	0.45	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	5.0	1.0	0.0225	g	
Substance	2	1,2-Ethanediamine, N1,N2-bis(2-aminoethyl)-	Supplier	112-24-3	5.0	1.0	0.0225	g	
Substance	2	1,3-Benzenedicarboxylic acid, polymer with azacyclotridecan-2-one and 4,4-methylenebis[2-methylcyclohexanamine]	Supplier	79331-75-2	90.0	1.0	0.405	g	
Material	1	Tin Plate				1.0	0.03115	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	2.1805E-5	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	6.23E-5	g	
Substance	2	Tin	Supplier	7440-31-5	99.73	1.0	0.0310659	g	
Material	1	Bisphenol A Epoxy Resin				1.0	0.04	g	
Substance	2	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	10.0	1.0	0.0040	g	
Substance	2	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	Supplier	25068-38-6	90.0	1.0	0.036	g	
Material	1	PBT-GF30				1.0	15.59	g	
Substance	2	Carbon black	Supplier	1333-86-4	0.5	1.0	0.07795	g	
Substance	2	Antimony oxide (Sb2O3)	Supplier	1309-64-4	3.5	1.0	0.54565	g	
Substance	2	Phenol, 4,4-(1-methylethylidene)bis[2,6-dibromo-, polymer with 2,2-[(1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxy methylene]]bis[oxirane]	Supplier	68928-70-1	12.0	1.0	1.8708	g	
Substance	2	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	54.0	1.0	8.4186	g	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	4.677	g	
Material	1	Lead-free Solid Solder Wire				1.0	0.0388	g	
Substance	2	Tin	Supplier	7440-31-5	99.3	1.0	0.0385284	g	

Substance	2	Copper	Supplier	7440-50-8	0.7	1.0	2.716E-4	g	
Material	1	Contact				1.0	0.486	g	
Substance	2	Copper	Supplier	7440-50-8	56.38	1.0	0.2740068	g	
Substance	2	Silver	Supplier	7440-22-4	39.26	1.0	0.1908036	g	
Substance	2	Cadmium oxide (CdO)	Cadmium/Cadmium Compounds	1306-19-0	4.36	1.0	0.0211896	g	8(b) Cadmium and its compounds electrical contacts
Material	1	EPOXY 1013B-2				1.0	0.02	g	
Substance	2	Fatty acids, tall-oil, reaction products with polyalkylenepol yamines, compds. with linoleic acid dimer and tall-oil fatty acids	Supplier	68910-90-7	97.0	1.0	0.0194	g	
Substance	2	2,4,6-Tris(dimethyla minomethyl)ph enol	Supplier	90-72-2	3.0	1.0	6.0E-4	g	
Material	1	PPA-GF30				1.0	11.239	g	
Substance	2	Carbon black	Supplier	1333-86-4	1.0	1.0	0.11239	g	
Substance	2	Halogen-free organic phosphorus flame retradant - ISO 1043-4 code #FR(40)	Supplier	1043-4-FR40	20.0	1.0	2.2478	g	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	3.3717	g	
Substance	2	Polyamide Homologous Polymer Series - ISO 1043-1 Term PA6T/66	Supplier	1043-1-PA6T/66	29.0	1.0	3.25931	g	
Substance	2	Aluminum Hydroxide flame retardant - ISO 1043-4 code #FR(60)	Supplier	1043-4-FR60	20.0	1.0	2.2478	g	