



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Sectionals	D, A
<b>Supplier Information</b>									
Company Name	TE Connectivity	Request Document ID		Contact Name	Chan, Nelson	Contact Title	Mgr Global Accounts, HKG SELL DIR-EMS		
Company Unique ID	TE Connectivity	Response Date	2016-01-22	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	1-1393793-6	Amount	8405.35	Version	-	Identity			
Manufacturer Item Name	V23105A5501A201	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-0615	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	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		
<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	MT2/D2N COVER D2N BLACK MOULDED				1.0	1417.0	mg	
Material	2	PBT-GF15-FR(17)				1.0	1417.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	212.55	mg	
Substance	3	1,4-Benzenedicarb oxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	61.5	1.0	871.455	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	70.85	mg	
Substance	3	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	18.0	1.0	255.06	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	7.085	mg	
Sub-Item	1	D2N SF CONTACT SET BLACK				1.0	2579.37	mg	
Material	2	Gold alloy				1.0	0.12011295	mg	
Substance	3	Nickel	Nickel	7440-02-0	5.0	1.0	0.00600565	mg	
Substance	3	Gold	Supplier	7440-57-5	95.0	1.0	0.11411	mg	
Material	2	Copper Alloy				1.0	2574.27	mg	

Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	2.57427	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	12.87135	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	5.14854	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	2193.72854	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0257427	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0257427	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.25743	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	15.44562	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	72.07956	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.25743	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.25743	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	270.29835	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.01287135	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	1.28714	mg	
Material	2	Silver alloy				1.0	3.04123645	mg	
Substance	3	Nickel	Nickel	7440-02-0	20.0	1.0	0.60825	mg	
Substance	3	Silver	Supplier	7440-22-4	80.0	1.0	2.43299	mg	
Material	2	Copper alloy				1.0	1.75196987	mg	
Substance	3	Copper	Supplier	7440-50-8	69.0	1.0	1.20886	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.5	1.0	0.00875985	mg	
Substance	3	Nickel	Nickel	7440-02-0	30.5	1.0	0.53435	mg	
Material	2	Gold-alloy				1.0	0.18668072	mg	
Substance	3	Manganese	Supplier	7439-96-5	92.0	1.0	0.17175	mg	
Substance	3	Silver	Supplier	7440-22-4	8.0	1.0	0.01493446	mg	
Sub-Item	1	MT2/D2N BOTTOM D2N BLACK MOULDED				1.0	1277.0	mg	
Material	2	PBT-GF15-FR(17)				1.0	1277.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	191.55	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	61.5	1.0	785.355	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	63.85	mg	
Substance	3	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	18.0	1.0	229.86	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	6.385	mg	
Sub-Item	1	MT2/D2N SF MAG. BLACK W 870 C93200-281				1.0	3131.98	mg	
Material	2	Iron Strip				1.0	1811.81	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.12683	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	2.71771	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.18118	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.12683	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	6.52252	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.09	1.0	1.63063	mg	
Substance	3	Copper	Supplier	7440-50-8	0.08	1.0	1.44945	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	0.3986	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.18118	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.18118	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	1.08709	mg	
Substance	3	Iron	Supplier	7439-89-6	98.8885	1.0	1791.67173	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	0.3986	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.81181	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0181181	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0070	1.0	0.12683	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	1.26827	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00905905	mg	

Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.81181	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0905905	mg	
Material	2	Copper Alloy				1.0	311.17	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.31117	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	1.55585	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	0.62234	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	265.17129	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0031117	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0031117	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.031117	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	1.86702	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	8.71276	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.031117	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.031117	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	32.67285	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00155585	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.15558	mg	
Material	2	PBT-GF15-FR(17)				1.0	1009.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	151.35	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	61.5	1.0	620.535	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	50.45	mg	
Substance	3	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	18.0	1.0	181.62	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	5.045	mg	