



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Material Info	Subsectionals	D, A
Supplier Information									
Company Name	TE Connectivity	Request Document ID		Contact Name	Adrian, Bernd	Contact Title	Sr R&D/Product Dvl Engineer,		
Company Unique ID	TE Connectivity	Response Date	2017-12-15	Contact Email	bernd.adrian@te.com				
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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	9-1393792-9	Amount	13287.69623088	Version	-	Identity			
Manufacturer Item Name	V23105A5305A201	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-0117	REACH Candidate Substances of Very High Concern ARE NOT Yet Reviewed								
Complex Article Description	REACH Candidate Substances of Very High Concern according to Once an Article Always an Article are Not Yet Reviewed								
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	Solder Round				1.0	35.0	mg	
Material	2	Solid Wire for Soldering				1.0	35.0	mg	
Substance	3	Silver	Supplier	7440-22-4	0.1	1.0	0.035	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.1	1.0	0.035	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.0105	mg	
Substance	3	Iron	Supplier	7439-89-6	0.0020	1.0	7.0E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	98.534	1.0	34.4869	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.0010	1.0	3.5E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	0.9	1.0	0.315	mg	
Substance	3	Indium	Supplier	7440-74-6	0.1	1.0	0.035	mg	
Substance	3	Bismuth	Supplier	7440-69-9	0.1	1.0	0.035	mg	
Substance	3	Gold	Supplier	7440-57-5	0.05	1.0	0.0175	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.0010	1.0	3.5E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0020	1.0	7.0E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.01	1.0	0.0035	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.0245	mg	
Sub-Item	1	D2N-COVER KINGFA				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-Benzenedicarboxylic 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	MT2/D2N SF MAG. BLACK W 377 C93200-261				1.0	6340.22	mg	
Material	2	Phos Bronze				1.0	440.0	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	416.6734	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.088	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.044	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	19.8	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.022	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.44	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.044	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0044	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	1.32	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	0.44	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.44	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.022	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.22	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.44	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0022	mg	
Material	2	Copper Alloy				1.0	135.26	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.13526	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	0.6763	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	0.27052	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	115.26519	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0013526	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0013526	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.013526	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	0.81156	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	3.78728	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.013526	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.013526	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	14.2023	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.763E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.06763	mg	
Material	2	Sn99-3Cu0-7P Triangular bars				1.0	52.0	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.0040	1.0	0.00208	mg	
Substance	3	Silver	Supplier	7440-22-4	0.1	1.0	0.052	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.0010	1.0	5.2E-4	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.0156	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.0010	1.0	5.2E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	98.53	1.0	51.2356	mg	
Substance	3	Indium	Supplier	7440-74-6	0.1	1.0	0.052	mg	
Substance	3	Gold	Supplier	7440-57-5	0.05	1.0	0.026	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.1	1.0	0.052	mg	
Substance	3	Copper	Supplier	7440-50-8	0.9	1.0	0.468	mg	
Substance	3	Iron	Supplier	7439-89-6	0.0020	1.0	0.00104	mg	
Substance	3	Bismuth	Supplier	7440-69-9	0.1	1.0	0.052	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0020	1.0	0.00104	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.0364	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.01	1.0	0.0052	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	
Material	2	Copper				1.0	1639.9822	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.63998	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.164	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.01639982	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.01639982	mg	
Substance	3	Copper	Supplier	7440-50-8	99.6975	1.0	1635.02125	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.164	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.328	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.63998	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.164	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.81999	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00819991	mg	
Material	2	Iron Strip				1.0	2881.96	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.20174	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	4.32294	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0099	1.0	0.28531	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.20174	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	10.37506	mg	
Substance	3	Aluminium	Supplier	7429-90-5	0.09	1.0	2.59376	mg	
Substance	3	Copper	Supplier	7440-50-8	0.08	1.0	2.30557	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	0.63403	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.2882	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.2882	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	1.72918	mg	
Substance	3	Iron	Supplier	7439-89-6	98.8887	1.0	2849.93278	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	0.63403	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	2.88196	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0288196	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0070	1.0	0.20174	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	2.01737	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0144098	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	2.87908	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.1441	mg	
Material	2	100-enamel				1.0	182.0178	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0217	100.0	1.0	182.0178	mg	
Sub-Item	1	D2N SF CONTACT SET BLACK				1.0	5313.03623088	mg	
Material	2	Phos Bronze				1.0	3402.72223088	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	3222.32691	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.68054	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.34027	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	153.1225	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.17014	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	3.40272	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.34027	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.03402722	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	10.20817	mg	

Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	3.40272	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	3.40272	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.17014	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	1.70136	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	3.40272	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.01701361	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	
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	250.0	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.25	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	1.25	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	0.5	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	213.04375	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0025	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0025	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.025	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	1.5	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	7.0	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.025	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.025	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	26.25	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00125	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.125	mg	
Material	2	PBT-GF15-FR(17)				1.0	1655.214	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	248.2821	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	61.5	1.0	1017.95661	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	82.7607	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	297.93852	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	8.27607	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	
Sub-Item	1	MT2/D2N-BOTTOM KINGFA				1.0	182.44	mg	
Material	2	PBT-GF15-FR(17)				1.0	182.44	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	15.0	1.0	27.366	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	61.5	1.0	112.2006	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	9.122	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	32.8392	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.5	1.0	0.9122	mg	