



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, Product Development		
Company Unique ID	TE Connectivity	Response Date	2017-10-18	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	9-1462038-9	Amount	775.217	Version	-	Identity			
Manufacturer Item Name	IM03DGR=IM RELAY 140MW 5V	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 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								
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	E2024 UK-Band overmolded IM..D				1.0	64.688	mg	
Material	2	CONTACT-WHITE-BR PLATING				1.0	0.49	mg	
Substance	3	Copper	Supplier	7440-50-8	30.0	1.0	0.147	mg	
Substance	3	Tin	Supplier	7440-31-5	40.0	1.0	0.196	mg	
Substance	3	Zinc	Supplier	7440-66-6	30.0	1.0	0.147	mg	
Material	2	Sputter layer				1.0	0.0589434	mg	
Substance	3	Gold	Supplier	7440-57-5	99.0	1.0	0.05835397	mg	
Substance	3	Nickel	Nickel	7440-02-0	1.0	1.0	5.8943E-4	mg	
Material	2	Intermediate Layer				1.0	0.87343396	mg	
Substance	3	Nickel	Nickel	7440-02-0	20.0	1.0	0.17469	mg	
Substance	3	Silver	Supplier	7440-22-4	80.0	1.0	0.69875	mg	
Material	2	LCP-GF30				1.0	15.6	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	66.6	1.0	10.3896	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	1.0	0.0624	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	33.0	1.0	5.148	mg	
Material	2	Copper Alloy				1.0	13.22	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.00661	mg	
Substance	3	Zinc	Supplier	7440-66-6	1.0	1.0	0.1322	mg	

Substance	3	Silicon	Supplier	7440-21-3	1.2	1.0	0.15864	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.01322	mg	
Substance	3	Copper	Supplier	7440-50-8	92.7685	1.0	12.264	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.007932	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.322E-4	mg	
Substance	3	Magnesium	Supplier	7439-95-4	0.3	1.0	0.03966	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.1	1.0	0.01322	mg	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	0.02644	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	6.61E-4	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.001322	mg	
Substance	3	Nickel	Nickel	7440-02-0	4.2	1.0	0.55524	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	6.61E-4	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.61E-5	mg	
Material	2	CONTACT-PLATING				1.0	0.59	mg	
Substance	3	Copper	Supplier	7440-50-8	100.0	1.0	0.59	mg	
Material	2	Base layer				1.0	1.05562263	mg	
Substance	3	Copper	Supplier	7440-50-8	68.4	1.0	0.72205	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.6	1.0	0.00633374	mg	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	0.32724	mg	
Material	2	D02502 Steel ULCN 140 Strip 0.5x18				1.0	32.8	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.01	1.0	0.00328	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.01	1.0	0.00328	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.01	1.0	0.00328	mg	
Substance	3	Carbon	Supplier	7440-44-0	5.0E-4	1.0	1.64E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	0.03	1.0	0.00984	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.03	1.0	0.00984	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.04	1.0	0.01312	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.15	1.0	0.0492	mg	
Substance	3	Iron	Supplier	7439-89-6	99.687	1.0	32.69734	mg	
Substance	3	Nitrogen	Supplier	7727-37-9	0.0025	1.0	8.2E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.03	1.0	0.00984	mg	
Sub-Item	1	D02809 Epoxy resin Kishimoto				1.0	25.0	mg	
Material	2	Epoxy resin				1.0	25.0	mg	
Substance	3	C.I. Pigment Black 28	Supplier	68186-91-4	3.2	1.0	0.8	mg	
Substance	3	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	Supplier	25068-38-6	64.3	1.0	16.075	mg	
Substance	3	Carbonic acid calcium salt (1:1)	Supplier	471-34-1	22.5	1.0	5.625	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0217	10.0	1.0	2.5	mg	
Sub-Item	1	E2103M-magnetic circuit 5V				1.0	411.027	mg	
Material	2	LCP				1.0	33.43	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	10.029	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	69.7	1.0	23.30071	mg	
Substance	3	Octadecanoic acid, 1,1-[2,2-bis[(1-oxooctadecyl)oxy]methyl]-1,3-propanediyl ester	Supplier	115-83-3	0.3	1.0	0.10029	mg	
Material	2	Copper				1.0	131.4146	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.13141	mg	

Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.01314146	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00131415	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.00131415	mg	
Substance	3	Copper	Supplier	7440-50-8	99.6975	1.0	131.01707	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.01314146	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.02628292	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.13141	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.01314146	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.0657073	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.5707E-4	mg	
Material	2	Copper Alloy				1.0	12.327	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.012327	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	0.061635	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	0.024654	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	10.50476	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	1.2327E-4	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.2327E-4	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0012327	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	0.073962	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	0.34516	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.0012327	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.0012327	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	1.29433	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.1635E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.0061635	mg	
Material	2	100-enamel				1.0	14.5854	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0217	100.0	1.0	14.5854	mg	
Material	2	Nickel Plate				1.0	18.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.036	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.018	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	17.946	mg	
Material	2	LCP				1.0	112.87	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	60.0	1.0	67.722	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	40.0	1.0	45.148	mg	
Material	2	permanent magnet				1.0	33.0	mg	
Substance	3	Iron	Supplier	7439-89-6	54.46	1.0	17.9718	mg	
Substance	3	Cobalt	Supplier	7440-48-4	16.3	1.0	5.379	mg	
Substance	3	Chromium	Supplier	7440-47-3	29.24	1.0	9.6492	mg	
Material	2	100-1521				1.0	55.4	mg	
Substance	3	Iron	Supplier	7439-89-6	98.9405	1.0	54.81304	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.15	1.0	0.0831	mg	
Substance	3	Vanadium	Supplier	7440-62-2	0.0070	1.0	0.003878	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.022	1.0	0.012188	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	5.54E-4	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.0554	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.01	1.0	0.00554	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.05	1.0	0.0277	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.022	1.0	0.012188	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.36	1.0	0.19944	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00554	mg	

Substance	3	Copper	Supplier	7440-50-8	0.07	1.0	0.03878	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.0070	1.0	0.003878	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.00554	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.03324	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.07	1.0	0.03878	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.00554	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	2.77E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0554	mg	
Sub-Item	1	E2061 RK-Band contacted IM..D				1.0	144.632	mg	
Material	2	Sputter layer				1.0	0.06167561	mg	
Substance	3	Silver	Supplier	7440-22-4	2.0	1.0	0.00123351	mg	
Substance	3	Gold	Supplier	7440-57-5	98.0	1.0	0.0604421	mg	
Material	2	Intermediate Layer				1.0	1.00531456	mg	
Substance	3	Nickel	Nickel	7440-02-0	20.0	1.0	0.20106	mg	
Substance	3	Silver	Supplier	7440-22-4	80.0	1.0	0.80425	mg	
Material	2	Copper Alloy				1.0	61.14	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.03057	mg	
Substance	3	Zinc	Supplier	7440-66-6	1.0	1.0	0.6114	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.2	1.0	0.73368	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.06114	mg	
Substance	3	Copper	Supplier	7440-50-8	92.7685	1.0	56.71866	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	0.036684	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	6.114E-4	mg	
Substance	3	Magnesium	Supplier	7439-95-4	0.3	1.0	0.18342	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.1	1.0	0.06114	mg	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	0.12228	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.003057	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.006114	mg	
Substance	3	Nickel	Nickel	7440-02-0	4.2	1.0	2.56788	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.003057	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	3.057E-4	mg	
Material	2	LCP-GF30				1.0	40.19	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	66.6	1.0	26.76654	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	1.0	0.16076	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	33.0	1.0	13.2627	mg	
Material	2	Nickel Plate				1.0	18.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.036	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.018	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	17.946	mg	
Material	2	Gold Plate				1.0	13.02	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	12.98094	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	0.03906	mg	
Material	2	Palladium plate				1.0	10.0	mg	
Substance	3	Palladium	Supplier	7440-05-3	100.0	1.0	10.0	mg	
Material	2	Base layer				1.0	1.21500982	mg	
Substance	3	Copper	Supplier	7440-50-8	68.4	1.0	0.83107	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.6	1.0	0.00729006	mg	

Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	0.37665	mg	
Sub-Item	1	Cap HSG for IM relay				1.0	129.87	mg	
Material	2	LCP				1.0	129.87	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with [1,1-biphenyl]-4,4-diol, 4-hydroxybenzoic acid, 6-hydroxy-2-naphthalenecarboxylic acid and N-(4-hydroxyphenyl)acetamide	Supplier	147310-94-9	60.0	1.0	77.922	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	40.0	1.0	51.948	mg	