



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	Penica, John R	Contact Title	Sr Mgr Environmental Engineering		
Company Unique ID	TE Connectivity	Response Date	2015-07-06	Contact Email	jrpenica@te.com				
Contact Phone Number	+1-717-592-3266								
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	6-1462037-7	Amount	779.936	Version	-	Identity			
Manufacturer Item Name	IM46GR=IM RELAY 100 MW 12 V BI	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 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	E2055 RK-Band contacted IM ABD				1.0	144.032	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-GF30				1.0	40.19	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	12.057	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.4	1.0	0.16076	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	69.6	1.0	27.97224	mg	
Material	2	D02684 Contact				1.0	1.682	mg	
Substance	3	Titanium	Supplier	7440-32-6	0.2	1.0	0.003364	mg	
Substance	3	Gold	Supplier	7440-57-5	4.3	1.0	0.072326	mg	
Substance	3	Iron	Supplier	7439-89-6	0.3	1.0	0.005046	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.4	1.0	0.006728	mg	
Substance	3	Silver	Supplier	7440-22-4	18.6	1.0	0.31285	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.1	1.0	0.001682	mg	
Substance	3	Palladium	Supplier	7440-05-3	27.8	1.0	0.4676	mg	
Substance	3	Copper	Supplier	7440-50-8	33.0	1.0	0.55506	mg	
Substance	3	Nickel	Nickel	7440-02-0	15.3	1.0	0.25735	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	92.7635	1.0	56.7156	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	0.01	1.0	0.006114	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	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	TE5081-2-0909	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	
Sub-Item	1	E2023 UK-Band overmolded IM AB				1.0	67.307	mg	
Material	2	Au diffused				1.0	0.0884215	mg	
Substance	3	Gold	Supplier	7440-57-5	100.0	1.0	0.0884215	mg	
Material	2	LCP-GF30				1.0	15.6	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	4.68	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.4	1.0	0.0624	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	69.6	1.0	10.8576	mg	
Material	2	Copper Plate				1.0	3.5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0035	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	3.4965	mg	
Material	2	CuNi30Mn1Fe				1.0	1.43268661	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.025	1.0	3.5817E-4	mg	
Substance	3	Copper	Supplier	7440-50-8	66.84	1.0	0.95761	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.25	1.0	0.00358172	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.1	1.0	0.00143269	mg	
Substance	3	Iron	Supplier	7439-89-6	0.7	1.0	0.01002881	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.025	1.0	3.5817E-4	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.05	1.0	7.1634E-4	mg	
Substance	3	Manganese	Supplier	7439-96-5	1.0	1.0	0.01432687	mg	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	0.44413	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.01	1.0	1.4327E-4	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	92.7635	1.0	12.26333	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	0.01	1.0	0.001322	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	PdRu10				1.0	0.46589189	mg	
Substance	3	Palladium	Supplier	7440-05-3	89.56	1.0	0.41725	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.15	1.0	6.9884E-4	mg	
Substance	3	Ruthenium	Supplier	7440-18-8	10.29	1.0	0.04794028	mg	
Material	2	D02502 Steel				1.0	32.8	mg	
Substance	3	Copper	Supplier	7440-50-8	1.5	1.0	0.492	mg	
Substance	3	Iron	Supplier	7439-89-6	98.5	1.0	32.308	mg	
Material	2	Plating				1.0	0.2	mg	
Substance	3	Copper	Supplier	7440-50-8	60.0	1.0	0.12	mg	
Substance	3	Tin	Supplier	7440-31-5	25.0	1.0	0.05	mg	
Substance	3	Zinc	Supplier	7440-66-6	15.0	1.0	0.03	mg	
Sub-Item	1	E2146M-magnetic circuit 12V bi/9V h. se.				1.0	413.227	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	1.29434	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	LCP				1.0	112.9	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	33.87	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	69.7	1.0	78.6913	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	0.3387	mg	
Material	2	permanent magnet				1.0	32.0	mg	
Substance	3	Iron	Supplier	7439-89-6	54.46	1.0	17.4272	mg	
Substance	3	Cobalt	Supplier	7440-48-4	16.3	1.0	5.216	mg	
Substance	3	Chromium	Supplier	7440-47-3	29.24	1.0	9.3568	mg	
Material	2	Copper				1.0	100.0	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.05	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	5.0E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.05	mg	

Substance	3	Copper	Supplier	7440-50-8	99.7625	1.0	99.7625	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.1	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.0010	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.01	1.0	0.01	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.01	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.01	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.0010	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0050	mg	
Material	2	Yoke Ni-Plating				1.0	0.6	mg	
Substance	3	Nickel	Nickel	7440-02-0	100.0	1.0	0.6	mg	
Material	2	Yoke				1.0	55.4	mg	
Substance	3	Iron	Supplier	7439-89-6	100.0	1.0	55.4	mg	
Material	2	LCP				1.0	100.0	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	60.0	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	40.0	1.0	40.0	mg	
Sub-Item	1	D02809 Epoxi resin Kishimoto				1.0	25.0	mg	
Material	2	resin				1.0	25.0	mg	
Substance	3	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2,2-[[1-(1-methylethylidene)bis(4,1-phenyleneoxy)methylene]]bis[oxirane]	Supplier	25036-25-3	100.0	1.0	25.0	mg	
Sub-Item	1	M18430 Gas SF6-3 (10kg)				1.0	0.5	mg	
Material	2	Isolation gas				1.0	0.5	mg	
Substance	3	Sulfur fluoride (SF6), (OC-6-11)-	Fluorinated greenhouse gases (HFC,PFC,SF6)	2551-62-4	100.0	1.0	0.5	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	