



<b>Form Type</b>	Distribute	<b>Version</b>	2.0	<b>Ref</b>	IPC 1752A	<b>Sectionals</b>	Material Info	<b>Subsectionals</b>	D, A
<b>Supplier Information</b>									
<b>Company Name</b>	TE Connectivity	<b>Request Document ID</b>		<b>Contact Name</b>	Chen, Ilinna	<b>Contact Title</b>	Project Manager Engineering		
<b>Company Unique ID</b>	TE Connectivity	<b>Response Date</b>	2016-04-11	<b>Contact Email</b>	ilinna.chen@te.com				
<b>Contact Phone Number</b>	86-755-2762-0888								
<b>Legal Statement</b>									
<b>Supplier Acceptance</b>	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>									
<b>Manufacturer Item number</b>	1-1462038-3	<b>Amount</b>	0.757996	<b>Version</b>	-	<b>Identity</b>			
<b>Manufacturer Item Name</b>	IM03NS=IM RELAY 140 MW 5 V	<b>Weight Uom</b>	g	<b>Mfr Site</b>		<b>Authority</b>			
<b>Date</b>		<b>UOM</b>	Each						
<b>EUroHS-0508</b>	Product(s) meets EU RoHS requirement without any exemptions								
<b>ChinaRoHS-0508</b>	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								
<b>EUREACH-0615</b>	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH								
<b>Product Disclosure</b>									
<b>Sub-Item/Material/Substance</b>	<b>Level</b>	<b>Name</b>	<b>Substance Category</b>	<b>Substance CAS</b>	<b>Substance Concentration</b>	<b>Quantity</b>	<b>Mass per Unit</b>	<b>UOM</b>	<b>Exemption</b>
Sub-Item	1	E2103M-magnetic circuit 5V				1.0	0.360597	g	
Material	2	Yoke				1.0	0.0554	g	
Substance	3	Iron	Supplier	7439-89-6	100.0	1.0	0.0554	g	
Material	2	Yoke Ni-Plating				1.0	6.0E-4	g	
Substance	3	Nickel	Nickel	7440-02-0	100.0	1.0	6.0E-4	g	
Material	2	LCP				1.0	0.11287	g	
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	0.067722	g	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	40.0	1.0	0.045148	g	
Material	2	LCP				1.0	0.0334	g	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	0.01002	g	
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	0.0232798	g	
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	1.002E-4	g	
Material	2	Copper Alloy				1.0	0.012327	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.2327E-5	g	

Substance	3	Zinc	Supplier	7440-66-6	0.5	1.0	6.1635E-5	g	
Substance	3	Manganese	Supplier	7439-96-5	0.2	1.0	2.4654E-5	g	
Substance	3	Copper	Supplier	7440-50-8	85.2175	1.0	0.01050476	g	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	1.2327E-7	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.2327E-7	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	1.2327E-6	g	
Substance	3	Iron	Supplier	7439-89-6	0.6	1.0	7.3962E-5	g	
Substance	3	Tin	Supplier	7440-31-5	2.8	1.0	3.4516E-4	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	1.2327E-6	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	1.2327E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	10.5	1.0	0.00129433	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.1635E-8	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	6.1635E-6	g	
Material	2	Copper				1.0	0.146	g	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	7.3E-5	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	7.3E-7	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	7.3E-5	g	
Substance	3	Copper	Supplier	7440-50-8	99.7625	1.0	0.14565325	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.46E-4	g	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	1.46E-6	g	
Substance	3	Manganese	Supplier	7439-96-5	0.01	1.0	1.46E-5	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	1.46E-5	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	1.46E-5	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.46E-6	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	7.3E-6	g	
Material	2	permanent magnet				1.0	0.0	g	
Substance	3	Iron	Supplier	7439-89-6	54.46	1.0	0.0	g	
Substance	3	Cobalt	Supplier	7440-48-4	16.3	1.0	0.0	g	
Substance	3	Chromium	Supplier	7440-47-3	29.24	1.0	0.0	g	
Sub-Item	1	IM STANDARD SF6 FILLING				1.0	2.6E-4	g	
Material	2	Sulphur hexafluoride				1.0	2.6E-4	g	
Substance	3	Sulfur fluoride (SF6), (OC-6-11)-	Fluorinated greenhouse gases (HFC,PFC,SF6)	2551-62-4	100.0	1.0	2.6E-4	g	
Sub-Item	1	D02809 Epoxi resin Kishimoto				1.0	0.052	g	
Material	2	resin				1.0	0.052	g	
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	0.052	g	
Sub-Item	1	E2022 UK-Band overmolded IM AB				1.0	0.067107	g	
Material	2	Copper Plate				1.0	0.0035	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	3.5E-6	g	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	0.0034965	g	
Material	2	D02502 Steel				1.0	0.0328	g	
Substance	3	Copper	Supplier	7440-50-8	1.5	1.0	4.92E-4	g	
Substance	3	Iron	Supplier	7439-89-6	98.5	1.0	0.032308	g	
Material	2	CuNi30Mn1Fe				1.0	0.00143269	g	
Substance	3	Carbon	Supplier	7440-44-0	0.025	1.0	3.581717E-7	g	
Substance	3	Copper	Supplier	7440-50-8	66.84	1.0	9.5761E-4	g	
Substance	3	Zinc	Supplier	7440-66-6	0.25	1.0	3.581717E-6	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.1	1.0	1.432687E-6	g	
Substance	3	Iron	Supplier	7439-89-6	0.7	1.0	1.002881E-5	g	
Substance	3	Sulfur	Supplier	7704-34-9	0.025	1.0	3.581717E-7	g	

Substance	3	Cobalt	Supplier	7440-48-4	0.05	1.0	7.163433E-7	g	
Substance	3	Manganese	Supplier	7439-96-5	1.0	1.0	1.432687E-5	g	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	4.4413E-4	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.01	1.0	1.432687E-7	g	
Material	2	LCP-GF30				1.0	0.0156	g	
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	0.0103896	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	1.0	6.24E-5	g	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	33.0	1.0	0.005148	g	
Material	2	Copper Alloy				1.0	0.01322	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	6.61E-6	g	
Substance	3	Zinc	Supplier	7440-66-6	1.0	1.0	1.322E-4	g	
Substance	3	Silicon	Supplier	7440-21-3	1.2	1.0	1.5864E-4	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.322E-5	g	
Substance	3	Copper	Supplier	7440-50-8	92.7685	1.0	0.012264	g	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	7.932E-6	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	1.322E-7	g	
Substance	3	Magnesium	Supplier	7439-95-4	0.3	1.0	3.966E-5	g	
Substance	3	Manganese	Supplier	7439-96-5	0.1	1.0	1.322E-5	g	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	2.644E-5	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	6.61E-7	g	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	1.322E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	4.2	1.0	5.5524E-4	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	6.61E-7	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	6.61E-8	g	
Material	2	PdRu10				1.0	4.6589E-4	g	
Substance	3	Palladium	Supplier	7440-05-3	89.56	1.0	4.1725E-4	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.15	1.0	6.988378E-7	g	
Substance	3	Ruthenium	Supplier	7440-18-8	10.29	1.0	4.794028E-5	g	
Material	2	Au diffused				1.0	8.84215E-5	g	
Substance	3	Gold	Supplier	7440-57-5	100.0	1.0	8.84215E-5	g	
Sub-Item	1	E2055 RK-Band contacted IM ABD				1.0	0.144032	g	
Material	2	Gold Plate				1.0	0.01302	g	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	0.01298094	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	3.906E-5	g	
Material	2	sputter layer-AuAg10				1.0	4.711485E-5	g	
Substance	3	Gold	Supplier	7440-57-5	92.0	1.0	4.334566E-5	g	
Substance	3	Silver	Supplier	7440-22-4	8.0	1.0	3.769188E-6	g	
Material	2	Copper Alloy				1.0	0.06114	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	3.057E-5	g	
Substance	3	Zinc	Supplier	7440-66-6	1.0	1.0	6.114E-4	g	
Substance	3	Silicon	Supplier	7440-21-3	1.2	1.0	7.3368E-4	g	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	6.114E-5	g	
Substance	3	Copper	Supplier	7440-50-8	92.7685	1.0	0.05671866	g	
Substance	3	Chromium	Supplier	7440-47-3	0.06	1.0	3.6684E-5	g	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	6.114E-7	g	
Substance	3	Magnesium	Supplier	7439-95-4	0.3	1.0	1.8342E-4	g	
Substance	3	Manganese	Supplier	7439-96-5	0.1	1.0	6.114E-5	g	
Substance	3	Iron	Supplier	7439-89-6	0.2	1.0	1.2228E-4	g	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	3.057E-6	g	

Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	6.114E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	4.2	1.0	0.00256788	g	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	3.057E-6	g	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	3.057E-7	g	
Material	2	LCP-GF30				1.0	0.04019	g	
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	0.02676654	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.4	1.0	1.6076E-4	g	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	33.0	1.0	0.0132627	g	
Material	2	Nickel Plate				1.0	0.018	g	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	3.6E-5	g	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.8E-5	g	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	0.017946	g	
Material	2	intermediate layer-PdRu10				1.0	4.1461E-4	g	
Substance	3	Ruthenium	Supplier	7440-18-8	10.0	1.0	4.146106E-5	g	
Substance	3	Palladium	Supplier	7440-05-3	90.0	1.0	3.7315E-4	g	
Material	2	Palladium plate				1.0	0.01	g	
Substance	3	Palladium	Supplier	7440-05-3	100.0	1.0	0.01	g	
Material	2	base-CuNi30				1.0	0.00122027	g	
Substance	3	Copper	Supplier	7440-50-8	68.4	1.0	8.3467E-4	g	
Substance	3	Manganese	Supplier	7439-96-5	0.6	1.0	7.321647E-6	g	
Substance	3	Nickel	Nickel	7440-02-0	31.0	1.0	3.7829E-4	g	
Sub-Item	1	Cap HSG for IM -N relay				1.0	0.134	g	
Material	2	LCP				1.0	0.134	g	
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	0.0804	g	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	40.0	1.0	0.0536	g	