



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	Benfer, David W	Contact Title	Prod Compliance Engineer		
Company Unique ID	TE Connectivity	Response Date	2017-09-12	Contact Email	dave.benfer@te.com				
Contact Phone Number	717-986-3725								
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	2214870-1	Amount	30791.47464	Version	-	Identity			
Manufacturer Item Name	MiniSAS HD 1x4 Rec Assy w/ weld	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	MiniSAS HD Module Assy Pd/Sn				4.0	4153.68815	mg	
Material	2	LCP-GF20				4.0	919.17	mg	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	0.15	4.0	1.37876	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	20.0	4.0	183.834	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	1.25	4.0	11.48963	mg	
Substance	3	Chlorite-group minerals	Supplier	1318-59-8	3.0	4.0	27.5751	mg	
Substance	3	2,6-Naphthalenedi carboxylic acid, polymer with 1,4-benzenedicarb oxylic acid, 1,4-benzenediol and 4-hydroxybenzoi c acid	Supplier	86013-04-9	57.2	4.0	525.76524	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	16.6	4.0	152.58222	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.25	4.0	11.48963	mg	
Substance	3	Aluminum hydroxide (Al(OH)3)	Supplier	21645-51-2	0.15	4.0	1.37876	mg	
Substance	3	Magnesite (Mg(CO3)), calcined	Supplier	83897-85-2	0.2	4.0	1.83834	mg	
Substance	3	Dolomite (CaMg(CO3)2)	Supplier	16389-88-1	0.2	4.0	1.83834	mg	
Material	2	Phos Bronze				4.0	1548.6	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	1.5486	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.15486	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	4.0	3.0972	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	4.0	0.07743	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	4.0	1394.49107	mg	

Substance	3	Manganese	Supplier	7439-96-5	0.02	4.0	0.30972	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	4.0	5.4201	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	0.015486	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	4.0	1.5486	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	4.0	0.15486	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	4.0	139.374	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	4.0	1.5486	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	0.007743	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.07743	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.7743	mg	
Material	2	Nickel Plate				4.0	15.063	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.015063	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.030126	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	15.01781	mg	
Material	2	Palladium-Nickel Plate				4.0	0.1992	mg	
Substance	3	Palladium	Supplier	7440-05-3	80.0	4.0	0.15936	mg	
Substance	3	Nickel	Nickel	7440-02-0	20.0	4.0	0.03984	mg	
Material	2	Gold Plate				4.0	0.04545	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	4.0	0.04531365	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	4.0	1.3635E-4	mg	
Material	2	LCP-GF30				4.0	1670.3	mg	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	0.2	4.0	3.3406	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	3.0	4.0	50.109	mg	
Substance	3	Carbon black	Supplier	1333-86-4	2.0	4.0	33.406	mg	
Substance	3	2,6-Naphthalenedi carboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-benzenediol, [1,1-biphenyl]-4,4-diol and 4-hydroxybenzoic acid	Supplier	126710-21-2	65.8	4.0	1099.0574	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	29.0	4.0	484.387	mg	
Material	2	Tin Plate				4.0	0.3105	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	6.21E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	4.0	0.30966	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	4.0	2.1735E-4	mg	
Sub-Item	1	EMI SPRING, SAS HD TOP FINAL FORM TO 1X4				1.0	1570.2	mg	
Material	2	Phos Bronze				1.0	1476.0	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	1397.74986	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.2952	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.1476	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	66.42	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.0738	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	1.476	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.1476	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.01476	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	4.428	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	1.476	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.476	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0738	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.738	mg	

Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	1.476	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00738	mg	
Material	2	Nickel Plate				1.0	51.6	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.1032	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0516	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	51.4452	mg	
Material	2	Tin Plate				1.0	42.6	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0852	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	42.48498	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.02982	mg	
Sub-Item	1	SEPARATOR, RECEPTACLE, MINI SAS HD				3.0	926.8	mg	
Material	2	Nickel Alloy				3.0	926.8	mg	
Substance	3	Copper	Supplier	7440-50-8	56.0	3.0	519.008	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	3.0	0.009268	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	3.0	0.09268	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	3.0	0.09268	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	3.0	0.09268	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	3.0	0.9268	mg	
Substance	3	Iron	Supplier	7439-89-6	0.25	3.0	2.317	mg	
Substance	3	Zinc	Supplier	7440-66-6	23.5635	3.0	218.38652	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.5	3.0	4.634	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	3.0	0.04634	mg	
Substance	3	Nickel	Nickel	7440-02-0	19.5	3.0	180.726	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	3.0	0.004634	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	3.0	0.4634	mg	
Sub-Item	1	SHIELD, UPPER, MINI SAS HD, 1X4 STAMPED				1.0	7002.6	mg	
Material	2	Nickel Alloy				1.0	7002.6	mg	
Substance	3	Copper	Supplier	7440-50-8	56.0	1.0	3921.456	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.070026	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.70026	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.70026	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.70026	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	7.0026	mg	
Substance	3	Iron	Supplier	7439-89-6	0.25	1.0	17.5065	mg	
Substance	3	Zinc	Supplier	7440-66-6	23.5635	1.0	1650.05765	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.5	1.0	35.013	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.35013	mg	
Substance	3	Nickel	Nickel	7440-02-0	19.5	1.0	1365.507	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.035013	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	3.5013	mg	
Sub-Item	1	EMI SPRING, BOTTOM SAS HD CUT TO 1X4				1.0	394.552	mg	
Material	2	Phos Bronze				1.0	369.2	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	349.62686	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.07384	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.03692	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	16.614	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.01846	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.3692	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.03692	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.003692	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	1.1076	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	0.3692	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.3692	mg	

Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.01846	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.1846	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.3692	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.001846	mg	
Material	2	Nickel Plate				1.0	13.936	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.027872	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.013936	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	13.89419	mg	
Material	2	Tin Plate				1.0	11.416	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.022832	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	11.38518	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.0079912	mg	
Sub-Item	1	SHIELD, BOTTOM, MINI SAS HD 1X4 STAMPED				1.0	2020.5	mg	
Material	2	Nickel Alloy				1.0	2020.5	mg	
Substance	3	Copper	Supplier	7440-50-8	56.0	1.0	1131.48	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.020205	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.20205	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.20205	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.20205	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	2.0205	mg	
Substance	3	Iron	Supplier	7439-89-6	0.25	1.0	5.05125	mg	
Substance	3	Zinc	Supplier	7440-66-6	23.5635	1.0	476.10052	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.5	1.0	10.1025	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.10103	mg	
Substance	3	Nickel	Nickel	7440-02-0	19.5	1.0	393.9975	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0101025	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	1.01025	mg	
Sub-Item	1	THREAD INSERT, RECP T MINI-SAS HD, PASSVT				4.0	102.11751	mg	
Material	2	Stainless Steel				4.0	102.11751	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.4	4.0	0.40847	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.01021175	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.35	4.0	0.35741	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	0.00102118	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.0	4.0	1.02118	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	4.0	0.15318	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.2	4.0	0.20424	mg	
Substance	3	Chromium	Supplier	7440-47-3	19.0	4.0	19.40233	mg	
Substance	3	Iron	Supplier	7439-89-6	66.7685	4.0	68.18233	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	4.0	0.01021175	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	4.0	2.04235	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.10212	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	4.0	0.01021175	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.0	4.0	10.21175	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	5.1059E-4	mg	