



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	2017-04-21	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	2300281-1	Amount	11412.17	Version	-	Identity																												
Manufacturer Item Name	CAGE ASSEMBLY, 1X2, QSFP28, SPRING	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-0616	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	BOTTOM CAGE, 1X2, QSFP28, SPRING				1.0	3234.6	mg																										
Material	2	Nickel Plate				1.0	36.1	mg																										
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0722	mg																										
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0361	mg																										
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	35.9917	mg																										
Material	2	Stainless Steel				1.0	3198.5	mg																										
Substance	3	Chromium	Supplier	7440-47-3	18.0	1.0	575.73	mg																										
Substance	3	Cobalt	Supplier	7440-48-4	0.5	1.0	15.9925	mg																										
Substance	3	Phosphorus	Supplier	7723-14-0	0.045	1.0	1.43933	mg																										
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.31985	mg																										
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	4.79775	mg																										
Substance	3	Beryllium	Supplier	7440-41-7	0.01	1.0	0.31985	mg																										
Substance	3	Silicon	Supplier	7440-21-3	1.5	1.0	47.9775	mg																										
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	63.97	mg																										
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.95955	mg																										
Substance	3	Sulfur	Supplier	7704-34-9	0.03	1.0	0.95955	mg																										
Substance	3	Iron	Supplier	7439-89-6	68.6147	1.0	2194.64118	mg																										
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	3.1953	mg																										
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0099	1.0	0.31665	mg																										
Substance	3	Nickel	Nickel	7440-02-0	9.0	1.0	287.865	mg																										
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0159925	mg																										
Sub-Item	1	ZQSFP+ 1X2 TOP CAGE SHORT				1.0	6574.2	mg																										
Material	2	Nickel Plate				1.0	73.3	mg																										

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.1466	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0733	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	73.0801	mg	
Material	2	Stainless Steel				1.0	6500.9	mg	
Substance	3	Chromium	Supplier	7440-47-3	18.0	1.0	1170.162	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.5	1.0	32.5045	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.045	1.0	2.92541	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.65009	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	9.75135	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.01	1.0	0.65009	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.5	1.0	97.5135	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	130.018	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	1.95027	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.03	1.0	1.95027	mg	
Substance	3	Iron	Supplier	7439-89-6	68.6147	1.0	4460.57303	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	6.4944	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0099	1.0	0.64359	mg	
Substance	3	Nickel	Nickel	7440-02-0	9.0	1.0	585.081	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0325045	mg	
Sub-Item	1	SEPARATOR ASSY, CENTER, QSP28, SPRING				1.0	1109.17	mg	
Material	2	Nickel Plate				1.0	3.15	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.00315	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0063	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	3.14055	mg	
Material	2	Nickel Plate				1.0	11.92	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.02384	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.01192	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	11.88424	mg	
Material	2	Stainless Steel				1.0	1057.4	mg	
Substance	3	Chromium	Supplier	7440-47-3	18.0	1.0	190.332	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.5	1.0	5.287	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.045	1.0	0.47583	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.10574	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.15	1.0	1.5861	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.01	1.0	0.10574	mg	
Substance	3	Silicon	Supplier	7440-21-3	1.5	1.0	15.861	mg	
Substance	3	Manganese	Supplier	7439-96-5	2.0	1.0	21.148	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.03	1.0	0.31722	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.03	1.0	0.31722	mg	
Substance	3	Iron	Supplier	7439-89-6	68.6147	1.0	725.53184	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	1.05634	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0099	1.0	0.10468	mg	
Substance	3	Nickel	Nickel	7440-02-0	9.0	1.0	95.166	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.005287	mg	
Material	2	Phos Bronze				1.0	36.7	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.0367	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.00367	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	1.0	0.0734	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.001835	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	1.0	33.0478	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.00734	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	1.0	0.12845	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	3.67E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.0367	mg	

Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.00367	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	1.0	3.303	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.0367	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	1.835E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.001835	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.01835	mg	
Sub-Item	1	EMI SPRING, ZQSFP+ STACKED				2.0	48.76	mg	
Material	2	Nickel Plate				2.0	3.85	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.00385	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.0077	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	2.0	3.83845	mg	
Material	2	Phos Bronze				2.0	44.91	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.04491	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.004491	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	2.0	0.08982	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	2.0	0.0022455	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	2.0	40.44078	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.008982	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	2.0	0.15718	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	4.491E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.04491	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.004491	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	2.0	4.0419	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.04491	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	2.2455E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	2.0	0.0022455	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.022455	mg	
Sub-Item	1	ZQSFP+ STACKED ASSEMBLY 2X1, SLOPE HS				4.0	99.17	mg	
Material	2	Nickel Plate				4.0	7.83	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.00783	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.01566	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	7.80651	mg	
Material	2	Phos Bronze				4.0	91.34	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.09134	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.009134	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	4.0	0.18268	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	4.0	0.004567	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	4.0	82.2503	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	4.0	0.018268	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	4.0	0.31969	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	9.134E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	4.0	0.09134	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	4.0	0.009134	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	4.0	8.2206	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	4.0	0.09134	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	4.567E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.004567	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.04567	mg	