



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Sectionals	D, A
Supplier Information									
Company Name	TE Connectivity	Request Document ID		Contact Name	Chan, Nelson	Contact Title	Manager Sales, HKG SELL DIR-EMS		
Company Unique ID	TE Connectivity	Response Date	2016-08-09	Contact Email	nelson.chan@te.com				
Contact Phone Number	852-2738-8751								
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	5745781-4	Amount	7640.4697578	Version	-	Identity			
Manufacturer Item Name	09 MSFL RCPT RA 318 (IN,FM)	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-1215	REACH Candidate Substances of Very High Concern ARE NOT Yet Reviewed								
Manufacturing Information									
J-STD-020 MSL Rating		Max Total a Wave Time		Ramp Rate		Wave Additional Info			
Classification Temp		Max Wave Solder Time	10.0	Ramp Down Rate		Psi Rating Reflow			
Max Time Within 5		Psi Rating Wave		Package Designator		Size	0.0		
Time Above 217		Reflow Additional Info		Preheat Max Temp		Terminal Base Alloy	NAC		
Preheat Duration		bulk Solder Termination	NAC	Nbr or Reflow Cycles		Terminal Plating	NAC		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	NAC		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	RCPT SUBASSY,9P, RT ANG,.318,.157 DIA,30				1.0	4863.6533578	mg	
Material	2	Phos Bronze				1.0	900.3	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	852.5706	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.18006	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.09003	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	40.5135	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.045015	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	0.9003	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.09003	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.009003	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	2.7009	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	0.9003	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.9003	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.045015	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.45015	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	0.9003	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.0045015	mg	
Material	2	Tin Plate				1.0	7.286805	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.01457361	mg	

Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	7.26713	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.00510076	mg	
Material	2	PA66-GF25				1.0	3690.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	3.5	1.0	129.15	mg	
Substance	3	Benzenamine, reaction products with aniline hydrochloride and nitrobenzene	Supplier	101357-15-7	4.0	1.0	147.6	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	25.0	1.0	922.5	mg	
Substance	3	Poly[imino(1,6-dioxo-1,6-hexanedyl)imino-1,6-hexanedyl]	Supplier	32131-17-2	61.5	1.0	2269.35	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	6.0	1.0	221.4	mg	
Material	2	PA46-GF30-FR(17)				1.0	246.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	10.0	1.0	24.6	mg	
Substance	3	Aluminate (Al(OH)63-), (OC-6-11)-, magnesium carbonate hydroxide (2:6:1:4)	Supplier	11097-59-9	0.9	1.0	2.214	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	7.0	1.0	17.22	mg	
Substance	3	Carbon black	Supplier	1333-86-4	0.9	1.0	2.214	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	19.0	1.0	46.74	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	73.8	mg	
Substance	3	Polyamide 46 - ISO 1043-1 Term PA46	Supplier	1043-1-PA46	32.2	1.0	79.212	mg	
Material	2	Gold Plate				1.0	0.2371257	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	7.1138E-4	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	0.23641	mg	
Material	2	Gold Plate				1.0	0.5894271	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	0.58766	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	0.00176828	mg	
Material	2	Nickel Plate				1.0	19.24	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.03848	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.01924	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	19.18228	mg	
Sub-Item	1	EYELET, FORMED, TIN				2.0	154.74	mg	
Material	2	Copper Plate				2.0	3.71	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.00371	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	2.0	3.70629	mg	
Material	2	Tin Plate				2.0	3.03	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	2.0	0.002121	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.00606	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	2.0	3.02182	mg	
Material	2	Brass				2.0	148.0	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	2.0	0.00148	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	2.0	41.4733	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	2.0	0.074	mg	

Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.0148	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	2.0	0.074	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.148	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	2.0	105.82	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.00148	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	2.0	0.0148	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	7.4E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	2.0	0.296	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	2.0	0.0074	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.074	mg	
Sub-Item	1	SHELL,SZ1 RCPT 318 PLST				1.0	1889.3	mg	
Material	2	Carbon Steel				1.0	1829.0	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.08	1.0	1.4632	mg	
Substance	3	Sulfur	Supplier	7704-34-9	0.02	1.0	0.3658	mg	
Substance	3	Carbon	Supplier	7440-44-0	0.02	1.0	0.3658	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.1829	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.02	1.0	0.3658	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.15	1.0	2.7435	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	1.829	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.1829	mg	
Substance	3	Molybdenum	Supplier	7439-98-7	0.75	1.0	13.7175	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.4	1.0	7.316	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.1	1.0	1.829	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.01829	mg	
Substance	3	Iron	Supplier	7439-89-6	98.1785	1.0	1795.68476	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.05	1.0	0.9145	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	1.0	0.1829	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.009145	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	1.829	mg	
Material	2	Copper Plate				1.0	22.9	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.0229	mg	
Substance	3	Copper	Supplier	7440-50-8	99.9	1.0	22.8771	mg	
Material	2	Tin Plate				1.0	37.4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.02618	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0748	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	37.29902	mg	
Sub-Item	1	INSERT,COLD PRESS,PLTD				2.0	289.0182	mg	
Material	2	Zinc Alloy				2.0	289.0	mg	
Substance	3	Iron	Supplier	7439-89-6	0.08	2.0	0.2312	mg	
Substance	3	Silicon	Supplier	7440-21-3	0.035	2.0	0.10115	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	2.0	0.0289	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.00289	mg	
Substance	3	Tin	Supplier	7440-31-5	0.0020	2.0	0.00578	mg	
Substance	3	Magnesium	Supplier	7439-95-4	0.05	2.0	0.1445	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.02	2.0	0.0578	mg	
Substance	3	Copper	Supplier	7440-50-8	0.1	2.0	0.289	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.289	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	2.0	0.1445	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.0289	mg	
Substance	3	Zinc	Supplier	7440-66-6	95.2145	2.0	275.1699	mg	
Substance	3	Aluminum	Supplier	7429-90-5	4.3	2.0	12.427	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.02	2.0	0.0578	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0030	2.0	0.00867	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	0.001445	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0040	2.0	0.01156	mg	
Material	2	Tri Chrome Film				2.0	0.0182	mg	

Substance	3	Silicate(2-), hexafluoro-hydrogen (1:2)	Supplier	16961-83-4	30.0	2.0	0.00546	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	10.0	2.0	0.00182	mg	
Substance	3	Chromium chloride (CrCl3), hydrate (1:6)	Supplier	10060-12-5	60.0	2.0	0.01092	mg	