



Form Type	Distribute	Version	2.0	Ref	IPC 1752A	Sectionals	Manufacturing Info/ Material Info	Subsectionals	D, A
Supplier Information									
Company Name	TE Connectivity	Request Document ID		Contact Name	Chan, Nelson	Contact Title	Global Account Manager		
Company Unique ID	TE Connectivity	Response Date	2018-06-28	Contact Email	nelson.chan@te.com				
Contact Phone Number	+85227388751								
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	5-104069-3	Amount	4563.71648	Version	-	Identity			
Manufacturer Item Name	80 sys 50 hdr drra shrd sn	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								
Manufacturing Information									
J-STD-020 MSL Rating		Max Total a Wave Time		Ramp Rate		Wave Additional Info			
Classification Temp		Max Wave Solder Time	5.0	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	Not Applicable		
Preheat Duration		bulk Solder Termination	Not Applicable	Nbr or Reflow Cycles		Terminal Plating	Not Applicable		
Preheat Min Temp		Nbr of Instances	0	Component Temp Spike		Shape	Not Applicable		
Product Disclosure									
Sub-Item/Material/Substance	Level	Name	Substance Category	Substance CAS	Substance Concentration	Quantity	Mass per Unit	UOM	Exemption
Sub-Item	1	80 SYSTEM 50 HDR HSG DR LATCH				1.0	3360.0	mg	
Material	2	LCP-GF35				1.0	3360.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	2.0	1.0	67.2	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	34.3	1.0	1152.48	mg	
Substance	3	1,3-Benzenedicarb oxylic acid, polymer with 1,4-benzenedicarb oxylic acid, [1,1-biphenyl]-4,4-diol and 4-hydroxybenzoic acid	Supplier	60088-52-0	62.7	1.0	2106.72	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.0	1.0	33.6	mg	
Sub-Item	1	SYSTEM 50 POST PLTD 30 DPLX SN				40.0	13.370478	mg	
Material	2	Gold Plate				40.0	0.01032	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	40.0	0.01028904	mg	

Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	40.0	3.096E-5	mg	
Material	2	Nickel Plate				40.0	0.379923	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	40.0	7.5985E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	40.0	3.7992E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	40.0	0.37878	mg	
Material	2	Brass				40.0	12.631422	mg	
Substance	3	Tin	Supplier	7440-31-5	0.1	40.0	0.01263142	mg	
Substance	3	Copper	Supplier	7440-50-8	64.0	40.0	8.08411	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	40.0	0.00631571	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	40.0	1.2631E-4	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	40.0	0.00126314	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	40.0	0.01263142	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.1	40.0	0.01263142	mg	
Substance	3	Zinc	Supplier	7440-66-6	35.2085	40.0	4.44733	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	40.0	0.00126314	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	40.0	0.00126314	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.05	40.0	0.00631571	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.3	40.0	0.03789427	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	40.0	0.00126314	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	40.0	6.315711E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	40.0	0.00631571	mg	
Material	2	Tin Plate				40.0	0.209943	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	40.0	4.1989E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	40.0	0.20938	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	40.0	1.4696E-4	mg	
Material	2	Gold Flash				40.0	0.13887	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	40.0	4.1661E-4	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	40.0	0.13845	mg	
Sub-Item	1	SYSTEM 50 SDR CLIP 150 SN				3.0	36.379	mg	
Material	2	Nickel Plate				3.0	0.596	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	3.0	0.001192	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	3.0	5.96E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	3.0	0.59421	mg	
Material	2	Tin Plate				3.0	1.3	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	3.0	0.0026	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	3.0	1.29649	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	3.0	9.1E-4	mg	
Material	2	Phos Bronze				3.0	34.483	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	3.0	32.65488	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	3.0	0.0068966	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	3.0	0.0034483	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	3.0	1.55173	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	3.0	0.00172415	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	3.0	0.034483	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	3.0	0.0034483	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	3.0	3.4483E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	3.0	0.10345	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	3.0	0.034483	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	3.0	0.034483	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	3.0	0.00172415	mg	

Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	3.0	0.0172415	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	3.0	0.034483	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	3.0	1.7242E-4	mg	
Sub-Item	1	SYSTEM 50 POST PLTD 30 DPLX SN				40.0	13.994009	mg	
Material	2	Gold Plate				40.0	0.01032	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	40.0	0.01028904	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	40.0	3.096E-5	mg	
Material	2	Nickel Plate				40.0	0.006619	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	40.0	1.3238E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	40.0	1.0E-5	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	40.0	0.00659914	mg	
Material	2	Brass				40.0	13.8282	mg	
Substance	3	Tin	Supplier	7440-31-5	0.1	40.0	0.0138282	mg	
Substance	3	Copper	Supplier	7440-50-8	64.0	40.0	8.85005	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	40.0	0.0069141	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	40.0	1.3828E-4	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	40.0	0.00138282	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	40.0	0.0138282	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.1	40.0	0.0138282	mg	
Substance	3	Zinc	Supplier	7440-66-6	35.2085	40.0	4.8687	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	40.0	0.00138282	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	40.0	0.00138282	mg	
Substance	3	Aluminum	Supplier	7429-90-5	0.05	40.0	0.0069141	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.3	40.0	0.0414846	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	40.0	0.00138282	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	40.0	6.9141E-5	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	40.0	0.0069141	mg	
Material	2	Tin Plate				40.0	0.143	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	40.0	2.86E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	40.0	0.14261	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	40.0	1.001E-4	mg	
Material	2	Gold Flash				40.0	0.00587	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	40.0	1.761E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	40.0	0.00585239	mg	