



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	Manager Sales, HKG SELL DIR-EMS																											
Company Unique ID	TE Connectivity	Response Date	2015-12-12	Contact Email	nelson.chan@te.com																													
Contact Phone Number		+852-2738-8751																																
Legal Statement																																		
Supplier Acceptance	true																																	
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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	553444-4	Amount	18750.25451	Version	-	Identity																												
Manufacturer Item Name	PLUG ASSY.ACTION PIN,CHAMP-LOK	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-1214	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	0.0	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	TERMINAL, ACTION PIN,CHAMP				25.0	39.2050902	mg																										
Material	2	Gold Plate				25.0	0.0200742	mg																										
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.1	25.0	2.00742E-5	mg																										
Substance	3	Gold	Supplier	7440-57-5	99.9	25.0	0.02005413	mg																										
Material	2	Gold Plate				25.0	0.043016	mg																										
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.04288695	mg																										
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	25.0	1.2905E-4	mg																										
Material	2	Nickel Plate				25.0	0.97	mg																										
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	0.00194	mg																										
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	25.0	9.7E-4	mg																										
Substance	3	Nickel	Nickel	7440-02-0	99.7	25.0	0.96709	mg																										
Material	2	Copper Alloy				25.0	38.172	mg																										
Substance	3	Cobalt	Supplier	7440-48-4	0.1	25.0	0.038172	mg																										
Substance	3	Zinc	Supplier	7440-66-6	0.5	25.0	0.19086	mg																										
Substance	3	Manganese	Supplier	7439-96-5	0.2	25.0	0.076344	mg																										
Substance	3	Copper	Supplier	7440-50-8	85.2175	25.0	32.52922	mg																										
Substance	3	Chromium	Supplier	7440-47-3	0.0010	25.0	3.8172E-4	mg																										
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	25.0	3.8172E-4	mg																										

Substance	3	Antimony	Supplier	7440-36-0	0.01	25.0	0.0038172	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	25.0	0.22903	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	25.0	1.06882	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	25.0	0.0038172	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	25.0	0.0038172	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	25.0	4.00806	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	25.0	1.9086E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	25.0	0.019086	mg	
Sub-Item	1	RETAINER, PLUG, ACTION PIN				1.0	6363.0	mg	
Material	2	VORIDIAN 18BO-A,NATURAL				1.0	6363.0	mg	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	100.0	1.0	6363.0	mg	
Sub-Item	1	TERMINAL, ACTION PIN, CHAMP				25.0	39.2050902	mg	
Material	2	Gold Plate				25.0	0.0200742	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.1	25.0	2.00742E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.9	25.0	0.02005413	mg	
Material	2	Gold Plate				25.0	0.043016	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.04288695	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	25.0	1.2905E-4	mg	
Material	2	Nickel Plate				25.0	0.97	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	0.00194	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	25.0	9.7E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	25.0	0.96709	mg	
Material	2	Copper Alloy				25.0	38.172	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	25.0	0.038172	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.5	25.0	0.19086	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.2	25.0	0.076344	mg	
Substance	3	Copper	Supplier	7440-50-8	85.2175	25.0	32.52922	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	25.0	3.8172E-4	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	25.0	3.8172E-4	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	25.0	0.0038172	mg	
Substance	3	Iron	Supplier	7439-89-6	0.6	25.0	0.22903	mg	
Substance	3	Tin	Supplier	7440-31-5	2.8	25.0	1.06882	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	25.0	0.0038172	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.01	25.0	0.0038172	mg	
Substance	3	Nickel	Nickel	7440-02-0	10.5	25.0	4.00806	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	25.0	1.9086E-4	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	25.0	0.019086	mg	
Sub-Item	1	HSG, PLUG, 50 POS, ACTION PIN				1.0	10427.0	mg	
Material	2	PBT-GF15				1.0	10427.0	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.5	1.0	156.405	mg	
Substance	3	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	Supplier	9002-84-0	0.5	1.0	52.135	mg	
Substance	3	2-Propenenitrile, polymer with ethenylbenzene	Supplier	9003-54-7	0.4	1.0	41.708	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	55.9	1.0	5828.693	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	5.0	1.0	521.35	mg	

Substance	3	Acetic acid ethenyl ester, polymer with ethene	Supplier	24937-78-8	3.0	1.0	312.81	mg	
Substance	3	Phosphoric acid, zinc salt (2:3)	Supplier	7779-90-0	0.9	1.0	93.843	mg	
Substance	3	Octadecanoic acid, 1,1-[2,2-bis[[[1-oxooctadecyl)oxy)methyl]-1,3-propanediyl] ester	Supplier	115-83-3	0.5	1.0	52.135	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	17.0	1.0	1772.59	mg	
Substance	3	Furan, tetrahydro-	Supplier	109-99-9	0.3	1.0	31.281	mg	
Substance	3	Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[2,6-dibromophenol] and phenol	Brominated Flame Retardants (other than PBBs or PBDEs)	94334-64-2	15.0	1.0	1564.05	mg	