



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	Adrian, Bernd	Contact Title	Sr R&D/Product Dvl Engineer, Product Development		
Company Unique ID	TE Connectivity	Response Date	2017-04-17	Contact Email	bernd.adrian@te.com				
Contact Phone Number	+431905601813								
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	1393776-3	Amount	1863.2	Version	-	Identity			
Manufacturer Item Name	V23026D1021B2 01 *X020	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 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	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	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
Material	1	Center spring-Coating				1.0	3.1	mg	
Substance	2	Gold	Supplier	7440-57-5	13.0	1.0	0.403	mg	
Substance	2	Rhodium	Supplier	7440-16-6	0.2	1.0	0.0062	mg	
Substance	2	Copper	Supplier	7440-50-8	38.0	1.0	1.178	mg	
Substance	2	Palladium	Supplier	7440-05-3	1.8	1.0	0.0558	mg	
Substance	2	Nickel	Nickel	7440-02-0	47.0	1.0	1.457	mg	
Material	1	metal strip-coating				1.0	4.288	mg	
Substance	2	Gold	Supplier	7440-57-5	10.800744878 9572	1.0	0.46314	mg	
Substance	2	Palladium	Supplier	7440-05-3	5.4003724394 7858	1.0	0.23157	mg	
Substance	2	Nickel	Nickel	7440-02-0	83.798882681 5643	1.0	3.5933	mg	
Material	1	hardener				1.0	7.0	mg	
Substance	2	Cyclohexanem ethanamine, 5-amino-1,3,3-trimethyl-	Supplier	2855-13-2	100.0	1.0	7.0	mg	
Material	1	MRP1 CAP-PBT-GF30				1.0	250.0	mg	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	75.0	mg	

Substance	2	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	70.0	1.0	175.0	mg	
Material	1	Center spring-annealed. + Isolated				1.0	58.9	mg	
Substance	2	Nickel	Nickel	7440-02-0	47.3684210526316	1.0	27.9	mg	
Substance	2	Iron	Supplier	7439-89-6	52.6315789473684	1.0	31.0	mg	
Material	1	Flux Pin				1.0	0.2	mg	
Substance	2	2-Propanol	Supplier	67-63-0	70.0	1.0	0.14	mg	
Substance	2	Rosin	Supplier	8050-09-7	30.0	1.0	0.06	mg	
Material	1	Flow sheet metal strip C9 (finished)				1.0	210.0	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.055	1.0	0.1155	mg	
Substance	2	Chromium	Supplier	7440-47-3	0.067	1.0	0.1407	mg	
Substance	2	Silicon	Supplier	7440-21-3	0.153	1.0	0.3213	mg	
Substance	2	Copper	Supplier	7440-50-8	0.14	1.0	0.294	mg	
Substance	2	Iron	Supplier	7439-89-6	97.91	1.0	205.611	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.32	1.0	0.672	mg	
Substance	2	Phosphorus	Supplier	7723-14-0	0.075	1.0	0.1575	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.08	1.0	0.168	mg	
Substance	2	Nickel	Nickel	7440-02-0	1.2	1.0	2.52	mg	
Material	1	Polymer LCP - FM Vectra E130-GF-natur				1.0	220.0	mg	
Substance	2	Carbon	Supplier	7440-44-0	30.0	1.0	66.0	mg	
Substance	2	Fatty acids, castor-oil, caustic-oxidized, distr. residues, esters with 1,3-butanediol	Supplier	113669-95-7	70.0	1.0	154.0	mg	
Material	1	2 pole metal strip				1.0	75.712	mg	
Substance	2	Nickel	Nickel	7440-02-0	0.951072598541689	1.0	0.72008	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.0634048399027792	1.0	0.04800507	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.338159146148156	1.0	0.25603	mg	
Substance	2	Copper	Supplier	7440-50-8	0.0422698932685195	1.0	0.03200338	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.0422698932685195	1.0	0.03200338	mg	
Substance	2	Phosphorus	Supplier	7723-14-0	0.084539786537039	1.0	0.06400676	mg	
Substance	2	Aluminum	Supplier	7429-90-5	0.0528373665856494	1.0	0.04000423	mg	
Substance	2	Iron	Supplier	7439-89-6	98.3303392158935	1.0	74.44787	mg	
Substance	2	Silicon	Supplier	7440-21-3	0.0951072598541689	1.0	0.07200761	mg	
Material	1	color				1.0	0.2	mg	
Substance	2	Cyclohexanone	Supplier	108-94-1	37.0	1.0	0.074	mg	
Substance	2	Acetic acid, 2-hydroxy-, butyl ester	Supplier	7397-62-8	6.5	1.0	0.013	mg	
Substance	2	2-Pentanone, 4-hydroxy-4-methyl-	Supplier	123-42-2	6.5	1.0	0.013	mg	
Substance	2	Solvent naphtha (petroleum), light arom.	Supplier	64742-95-6	17.5	1.0	0.035	mg	
Substance	2	Ethanol, 2-butoxy-, 1-acetate	Supplier	112-07-2	6.5	1.0	0.013	mg	
Substance	2	Fatty acids, castor-oil, caustic-oxidized, distr. residues, esters with 1,3-butanediol	Supplier	113669-95-7	26.0	1.0	0.052	mg	
Material	1	coil wire				1.0	600.0	mg	
Substance	2	Polyurethane - ISO 1043-1 Term PUR	Supplier	1043-1-PUR	1.77	1.0	10.62	mg	
Substance	2	Copper	Supplier	7440-50-8	98.23	1.0	589.38	mg	

Material	1	solder Wire solid				1.0	4.0	mg	
Substance	2	Copper	Supplier	7440-50-8	0.3	1.0	0.012	mg	
Substance	2	Tin	Supplier	7440-31-5	99.7	1.0	3.988	mg	
Material	1	Solder wire massive				1.0	30.0	mg	
Substance	2	Copper	Supplier	7440-50-8	0.7	1.0	0.21	mg	
Substance	2	Tin	Supplier	7440-31-5	99.0	1.0	29.7	mg	
Substance	2	Silver	Supplier	7440-22-4	0.3	1.0	0.09	mg	
Material	1	epoxy resin				1.0	2.8	mg	
Substance	2	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	Supplier	9003-36-5	64.29	1.0	1.80012	mg	
Substance	2	Guanidine, N-cyano-	Supplier	461-58-5	35.71	1.0	0.99988	mg	
Material	1	EPOXONIC 235 A (Harz VVG+VVG)				1.0	300.0	mg	
Substance	2	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	Supplier	9003-36-5	20.0	1.0	60.0	mg	
Substance	2	Poly(oxy-1,4-butanediyl), .alpha.-(2-oxiranylmethyl) - omega.-(2-oxiranylmethoxy)-	Supplier	26951-52-0	10.0	1.0	30.0	mg	
Substance	2	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	Supplier	25068-38-6	20.0	1.0	60.0	mg	
Substance	2	Boric acid, zinc salt	Supplier	1332-07-6	50.0	1.0	150.0	mg	
Material	1	2x insulating foil				1.0	7.0	mg	
Substance	2	2-Propenoic acid, homopolymer, sodium salt	Supplier	9003-04-7	30.7	1.0	2.149	mg	
Substance	2	PMF (polyimide)	Supplier	60842-76-4	69.3	1.0	4.851	mg	
Material	1	MAGNET C1 (MRP1) ZG4.075.31 C				1.0	90.0	mg	
Substance	2	Iron strontium oxide (Fe12SrO19)	Supplier	12023-91-5	100.0	1.0	90.0	mg	