



<b>Form Type</b>	Distribute	<b>Version</b>	2.0	<b>Ref</b>	IPC 1752A	<b>Sectionals</b>	Manufacturing Info/ Material Info	<b>Subsectionals</b>	D, A
<b>Supplier Information</b>									
<b>Company Name</b>	TE Connectivity	<b>Request Document ID</b>		<b>Contact Name</b>	Penica, John R	<b>Contact Title</b>	Mgr Environmental Engineering		
<b>Company Unique ID</b>	-	<b>Response Date</b>	2014-07-21	<b>Contact Email</b>	jrpenica@te.com				
<b>Contact Phone Number</b>	1-717-592-3266								
<b>Legal Statement</b>									
<b>Supplier Acceptance</b>	true								
<b>Legal Statement</b>									
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.									
<b>Product</b>									
<b>Manufacturer Item number</b>	1393776-3	<b>Amount</b>	1767.289072	<b>Version</b>	-	<b>Identity</b>			
<b>Manufacturer Item Name</b>		<b>Weight Uom</b>	mg	<b>Mfr Site</b>		<b>Authority</b>			
<b>Date</b>		<b>UOM</b>	Each						
<b>EURoHS-0508</b>	Product(s) meets EU RoHS requirement without any exemptions - true								
<b>ChinaRoHS-0508</b>	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 - true								
<b>EUREACH-1213</b>	Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH - Not Available / Not Reviewed								
<b>Manufacturing Information</b>									
<b>J-STD-020 MSL Rating</b>		<b>Max Total a Wave Time</b>		<b>Ramp Rate</b>		<b>Wave Additional Info</b>			
<b>Classification Temp</b>		<b>Max Wave Solder Time</b>	10.0	<b>Ramp Down Rate</b>		<b>Psi Rating Reflow</b>			
<b>Max Time Within 5</b>		<b>Psi Rating Wave</b>		<b>Package Designator</b>		<b>Size</b>	0.0		
<b>Time Above 217</b>		<b>Reflow Additional Info</b>		<b>Preheat Max Temp</b>		<b>Terminal Base Alloy</b>	NAC		
<b>Preheat Duration</b>		<b>bulk Solder Termination</b>	NAC	<b>Nbr or Reflow Cycles</b>		<b>Terminal Plating</b>	NAC		
<b>Preheat Min Temp</b>		<b>Nbr of Instances</b>	0	<b>Component Temp Spike</b>		<b>Shape</b>	NAC		
<b>Product Disclosure</b>									
<b>Sub-Item/Material/Substance</b>	<b>Level</b>	<b>Name</b>	<b>Substance Category</b>	<b>Substance CAS</b>	<b>Substance Concentration</b>	<b>Quantity</b>	<b>Mass per Unit</b>	<b>UOM</b>	<b>Exemption</b>
Material	1	Color				1.0	0.17672891	mg	
Substance	2	2-Pentanone, 4-hydroxy-4-methyl-	Supplier	123-42-2	6.44	1.0	0.01138134	mg	
Substance	2	Cyclohexanone	Supplier	108-94-1	37.12	1.0	0.06560177	mg	
Substance	2	Ethanol, 2-butoxy-, 1-acetate	Supplier	112-07-2	6.44	1.0	0.01138134	mg	
Substance	2	Solvent naphtha (petroleum), light arom.	Supplier	64742-95-6	17.33	1.0	0.03062712	mg	
Substance	2	Acetic acid, 2-hydroxy-, butyl ester	Supplier	7397-62-8	6.44	1.0	0.01138134	mg	
Substance	2	Fatty acids, castor-oil, caustic-oxidized, distn. residues, esters with 1,3-butanediol	Supplier	113669-95-7	26.23	1.0	0.04635599	mg	
Material	1	Flux Coil				1.0	0.17672891	mg	
Substance	2	Rosin	Supplier	8050-09-7	1.0	1.0	0.00176729	mg	
Substance	2	2-Propanol	Supplier	67-63-0	94.0	1.0	0.16613	mg	
Substance	2	Butanedioic acid	Supplier	110-15-6	5.0	1.0	0.00883645	mg	
Material	1	Coil Conductor				1.0	44.1822268	mg	
Substance	2	Copper	Supplier	7440-50-8	89.62	1.0	39.59611	mg	
Substance	2	Tin	Supplier	7440-31-5	5.72	1.0	2.52722	mg	
Substance	2	Nickel	Nickel	7440-02-0	4.66	1.0	2.05889	mg	

Material	1	Epoxu Resin Three Bond 2206C				1.0	3.00439142	mg	
Substance	2	Guanidine, N-cyano-	Supplier	461-58-5	5.0	1.0	0.15022	mg	
Substance	2	2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate	Supplier	25035-69-2	35.0	1.0	1.05154	mg	
Substance	2	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	Supplier	9003-36-5	60.0	1.0	1.80263	mg	
Material	1	Contact Spring Coating				1.0	4.41822268	mg	
Substance	2	Nickel	Nickel	7440-02-0	12.73	1.0	0.56244	mg	
Substance	2	Palladium	Supplier	7440-05-3	3.33	1.0	0.14713	mg	
Substance	2	Gold	Supplier	7440-57-5	2.47	1.0	0.10913	mg	
Substance	2	Rhodium	Supplier	7440-16-6	0.09	1.0	0.0039764	mg	
Substance	2	Copper	Supplier	7440-50-8	81.38	1.0	3.59555	mg	
Material	1	Casing				1.0	144.03405937	mg	
Substance	2	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	70.0	1.0	100.82384	mg	
Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	43.21022	mg	
Material	1	Solenoid				1.0	90.13174267	mg	
Substance	2	Iron strontium oxide (Fe12SrO19)	Supplier	12023-91-5	100.0	1.0	90.13174	mg	
Material	1	2X Pole Plate RFe80				1.0	84.47641764	mg	
Substance	2	Chromium	Supplier	7440-47-3	0.03	1.0	0.02534293	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.02	1.0	0.01689528	mg	
Substance	2	Copper	Supplier	7440-50-8	0.04	1.0	0.03379057	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.17	1.0	0.14361	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.03	1.0	0.02534293	mg	
Substance	2	Silicon	Supplier	7440-21-3	0.05	1.0	0.04223821	mg	
Substance	2	Iron	Supplier	7439-89-6	99.08	1.0	83.69923	mg	
Substance	2	Phosphorus	Supplier	7723-14-0	0.01	1.0	0.00844764	mg	
Substance	2	Nickel	Nickel	7440-02-0	0.57	1.0	0.48152	mg	
Material	1	Coil Wire PUR				1.0	17.67289072	mg	
Substance	2	Naphtha (petroleum), hydrotreated light	Supplier	64742-49-0	25.0	1.0	4.41822	mg	
Substance	2	2-Propanol	Supplier	67-63-0	10.0	1.0	1.76729	mg	
Substance	2	Solvent naphtha (petroleum), light arom.	Supplier	64742-95-6	2.5	1.0	0.44182	mg	
Substance	2	Stoddard solvent	Supplier	8052-41-3	2.5	1.0	0.44182	mg	
Substance	2	Ethanol	Supplier	64-17-5	10.0	1.0	1.76729	mg	
Substance	2	Acetic acid, 2-methylpropyl ester	Supplier	110-19-0	25.0	1.0	4.41822	mg	
Substance	2	Acetic acid, butyl ester	Supplier	123-86-4	25.0	1.0	4.41822	mg	
Material	1	Metal Flux Plate				1.0	259.43803577	mg	
Substance	2	Chromium	Supplier	7440-47-3	0.03	1.0	0.07783141	mg	
Substance	2	Phosphorus	Supplier	7723-14-0	0.01	1.0	0.0259438	mg	
Substance	2	Manganese	Supplier	7439-96-5	0.02	1.0	0.05188761	mg	
Substance	2	Carbon	Supplier	7440-44-0	0.03	1.0	0.07783141	mg	
Substance	2	Copper	Supplier	7440-50-8	0.04	1.0	0.10378	mg	
Substance	2	Silicon	Supplier	7440-21-3	0.05	1.0	0.12972	mg	
Substance	2	Sulfur	Supplier	7704-34-9	0.03	1.0	0.07783141	mg	
Substance	2	Iron	Supplier	7439-89-6	99.74	1.0	258.7635	mg	
Substance	2	Nickel	Nickel	7440-02-0	0.05	1.0	0.12972	mg	
Material	1	Flux Pin				1.0	0.17672891	mg	
Substance	2	2-Propanol	Supplier	67-63-0	70.0	1.0	0.12371	mg	
Substance	2	Rosin	Supplier	8050-09-7	30.0	1.0	0.05301867	mg	
Material	1	Coil Bobbin				1.0	186.4489971	mg	

Substance	2	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	55.9347	mg	
Substance	2	Fatty acids, castor-oil, caustic-oxidized, distn. residues, esters with 1,3-butanediol	Supplier	113669-95-7	70.0	1.0	130.5143	mg	
Material	1	Hardner				1.0	13.96158367	mg	
Substance	2	Cyclohexanem ethanamine, 5-amino-1,3,3-trimethyl-	Supplier	2855-13-2	100.0	1.0	13.96158	mg	
Material	1	Coil Wire				1.0	516.04840902	mg	
Substance	2	Copper	Supplier	7440-50-8	100.0	1.0	516.04841	mg	
Material	1	2X Pole Plate Coating				1.0	5.30186722	mg	
Substance	2	Gold	Supplier	7440-57-5	10.05	1.0	0.53284	mg	
Substance	2	Rhodium	Supplier	7440-16-6	0.61	1.0	0.03234139	mg	
Substance	2	Palladium	Supplier	7440-05-3	4.02	1.0	0.21314	mg	
Substance	2	Nickel	Nickel	7440-02-0	85.32	1.0	4.52355	mg	
Material	1	2X Insulating Foil				1.0	7.06915629	mg	
Substance	2	2-Propenoic acid, homopolymer, sodium salt	Supplier	9003-04-7	30.73	1.0	2.17235	mg	
Substance	2	PMF (polyimide)	Supplier	60842-76-4	69.27	1.0	4.8968	mg	
Material	1	Epoxy resin EPOXONIC 235A				1.0	332.78053226	mg	
Substance	2	Poly(oxy-1,4-butanediyl), .alpha.-(2-oxiranylmethyl) -.omega.-(2-oxiranylmethoxy)-	Supplier	26951-52-0	10.0	1.0	33.27805	mg	
Substance	2	Phenol, 4,4-(1-methylethylidene)bis-, polymer with 2-(chloromethyl)oxirane	Supplier	25068-38-6	21.5	1.0	71.54781	mg	
Substance	2	Boric acid, zinc salt	Supplier	1332-07-6	47.0	1.0	156.40685	mg	
Substance	2	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol	Supplier	9003-36-5	21.5	1.0	71.54781	mg	
Material	1	Contact Spring Permenorm 5000				1.0	57.61362375	mg	
Substance	2	Nickel	Nickel	7440-02-0	45.0	1.0	25.92613	mg	
Substance	2	Iron	Supplier	7439-89-6	55.0	1.0	31.68749	mg	
Material	1	Solder				1.0	0.17672891	mg	
Substance	2	Copper	Supplier	7440-50-8	0.5	1.0	8.8364E-4	mg	
Substance	2	Tin	Supplier	7440-31-5	99.5	1.0	0.17585	mg	