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

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	6339082-4	**Amount**	65128.5512242	**Version**	-	**Identity**	
Manufacturer Item Name	LED STK MJ ASSY,2X4,8 POS,CAT5	**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**	10.0	**Ramp Down Rate**		**Psl Rating Reflow**	
Max Time Within 5		**Psl 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	LAMP,LED,RECT TYPE,SHORT, GR/OR				8.0	288.424	mg	
Material	2	Epoxy-Molding Part				8.0	27.5	mg	
Substance	3	Oxirane, 2,2-[[[(oxiranylmethoxy)phenyl]methylene]bis[[(1,1-dimethylethyl) methylphenylene]oxymethylene]]bis-	Supplier	129915-35-1	100.0	8.0	27.5	mg	
Material	2	Lead frame-Electrode Part				8.0	260.832	mg	
Substance	3	Iron	Supplier	7439-89-6	95.2	8.0	248.31206	mg	
Substance	3	Tin	Supplier	7440-31-5	3.0	8.0	7.82496	mg	
Substance	3	Silver	Supplier	7440-22-4	0.54	8.0	1.40849	mg	
Substance	3	Copper	Supplier	7440-50-8	0.46	8.0	1.19983	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.8	8.0	2.08666	mg	
Material	2	Ag paste				8.0	0.03	mg	
Substance	3	Silver	Supplier	7440-22-4	67.0	8.0	0.0201	mg	
Substance	3	Oxirane, 2,2-[[[(oxiranylmethoxy)phenyl]methylene]bis[[(1,1-dimethylethyl) methylphenylene]oxymethylene]]bis-	Supplier	129915-35-1	33.0	8.0	0.0099	mg	

Material	2	chip				8.0	0.05	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	5.0	8.0	0.0025	mg	
Substance	3	Gallium	Supplier	7440-55-3	50.0	8.0	0.025	mg	
Substance	3	Arsenic	Supplier	7440-38-2	45.0	8.0	0.0225	mg	
Material	2	Au wire				8.0	0.012	mg	
Substance	3	Gold	Supplier	7440-57-5	100.0	8.0	0.012	mg	
Sub-Item	1	BACK COVER, 2X4 LED STKD MJ				1.0	3811.24	mg	
Material	2	PBT-I-GF30-FR(17)				1.0	3811.24	mg	
Substance	3	Dolomite (CaMg(CO3)2)	Supplier	16389-88-1	0.5	1.0	19.0562	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	35.0	1.0	1333.934	mg	
Substance	3	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,1-[2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl] ester	Supplier	6683-19-8	0.2	1.0	7.62248	mg	
Substance	3	Furan, tetrahydro-	Supplier	109-99-9	0.2	1.0	7.62248	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	3.0	1.0	114.3372	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	2.0	1.0	76.2248	mg	
Substance	3	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	Supplier	9002-84-0	1.0	1.0	38.1124	mg	
Substance	3	Chlorite-group minerals	Supplier	1318-59-8	0.5	1.0	19.0562	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.0	1.0	38.1124	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	36.6	1.0	1394.91384	mg	
Substance	3	Phosphoric acid, zinc salt (2:3)	Supplier	7779-90-0	0.5	1.0	19.0562	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	18.0	1.0	686.0232	mg	
Substance	3	Quartz (SiO2)	Supplier	14808-60-7	0.5	1.0	19.0562	mg	
Substance	3	2-Propenenitrile, polymer with ethenylbenzene	Supplier	9003-54-7	1.0	1.0	38.1124	mg	
Sub-Item	1	TERM ARRAY ASY UPRRT GSJ 8PS L				4.0	2795.94	mg	
Material	2	Phos Bronze				4.0	530.0	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.53	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.053	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	4.0	1.06	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	4.0	0.0265	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	4.0	477.25705	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	4.0	0.106	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	4.0	1.855	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	0.0053	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	4.0	0.53	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	4.0	0.053	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	4.0	47.7	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	4.0	0.53	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	0.00265	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.0265	mg	

Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.265	mg	
Material	2	Tin Plate				4.0	3.34	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	4.0	0.00333666	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	4.0	3.33666	mg	
Material	2	PBT-GF30-FR(17)				4.0	2255.6	mg	
Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	51.0	4.0	1150.356	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	8.0	4.0	180.448	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	29.0	4.0	654.124	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	4.0	4.0	90.224	mg	
Substance	3	Carbonic dichloride, polymer with 4,4-(1-methylethylidene)bis[2,6-dibromophenol] and 4,4-(1-methylethylidene)bis[phenol], 4-(1-methyl-1-phenylethyl)phenyl ester	Supplier	156042-31-8	8.0	4.0	180.448	mg	
Material	2	Nickel Plate				4.0	6.58	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.00658	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.01316	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	6.56026	mg	
Material	2	Gold Plate				4.0	0.42	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	4.0	0.00126	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	4.0	0.41874	mg	
Sub-Item	1	HOUSING, 2X4 LED STKD MOD JK				1.0	18889.04	mg	
Material	2	PBT-I-GF30-FR(17)				1.0	18889.04	mg	
Substance	3	Dolomite (CaMg(CO3)2)	Supplier	16389-88-1	0.5	1.0	94.4452	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	35.0	1.0	6611.164	mg	
Substance	3	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,1-[2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]methyl]-1,3-propanediyl] ester	Supplier	6683-19-8	0.2	1.0	37.77808	mg	
Substance	3	Furan, tetrahydro-	Supplier	109-99-9	0.2	1.0	37.77808	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	3.0	1.0	566.6712	mg	
Substance	3	Talc (Mg3H2(SiO3)4)	Supplier	14807-96-6	2.0	1.0	377.7808	mg	
Substance	3	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	Supplier	9002-84-0	1.0	1.0	188.8904	mg	
Substance	3	Chlorite-group minerals	Supplier	1318-59-8	0.5	1.0	94.4452	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.0	1.0	188.8904	mg	

Substance	3	1,4-Benzenedicarboxylic acid, 1,4-dimethyl ester, polymer with 1,4-butanediol	Supplier	30965-26-5	36.6	1.0	6913.38864	mg	
Substance	3	Phosphoric acid, zinc salt (2:3)	Supplier	7779-90-0	0.5	1.0	94.4452	mg	
Substance	3	Aromatic Brominated flame retardant with Antimony - ISO 1043-4 code #FR(17)	Supplier	1043-4-FR17	18.0	1.0	3400.0272	mg	
Substance	3	Quartz (SiO2)	Supplier	14808-60-7	0.5	1.0	94.4452	mg	
Substance	3	2-Propenenitrile, polymer with ethenylbenzene	Supplier	9003-54-7	1.0	1.0	188.8904	mg	
Sub-Item	1	LAMP,LED,RECT TYPE,EXTND, GN/OR				8.0	288.424	mg	
Material	2	Epoxy-Molding Part				8.0	27.5	mg	
Substance	3	Oxirane, 2,2-[[[(oxiranylmethoxy)phenyl]methylene]bis[[(1,1-dimethylethyl)methylphenylene]oxymethylene]]bis-	Supplier	129915-35-1	100.0	8.0	27.5	mg	
Material	2	Lead frame-Electrode Part				8.0	260.832	mg	
Substance	3	Iron	Supplier	7439-89-6	95.2	8.0	248.31206	mg	
Substance	3	Tin	Supplier	7440-31-5	3.0	8.0	7.82496	mg	
Substance	3	Silver	Supplier	7440-22-4	0.54	8.0	1.40849	mg	
Substance	3	Copper	Supplier	7440-50-8	0.46	8.0	1.19983	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.8	8.0	2.08666	mg	
Material	2	Ag paste				8.0	0.03	mg	
Substance	3	Silver	Supplier	7440-22-4	67.0	8.0	0.0201	mg	
Substance	3	Oxirane, 2,2-[[[(oxiranylmethoxy)phenyl]methylene]bis[[(1,1-dimethylethyl)methylphenylene]oxymethylene]]bis-	Supplier	129915-35-1	33.0	8.0	0.0099	mg	
Material	2	chip				8.0	0.05	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	5.0	8.0	0.0025	mg	
Substance	3	Gallium	Supplier	7440-55-3	50.0	8.0	0.025	mg	
Substance	3	Arsenic	Supplier	7440-38-2	45.0	8.0	0.0225	mg	
Material	2	Au wire				8.0	0.012	mg	
Substance	3	Gold	Supplier	7440-57-5	100.0	8.0	0.012	mg	
Sub-Item	1	SHLD OUTER 2X4 LED PRE-PL LF				1.0	16275.7211	mg	
Material	2	Tin Plate				1.0	123.3741	mg	
Substance	3	Tin	Supplier	7440-31-5	97.85	1.0	120.72156	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0506	0.2	1.0	0.24675	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.35	1.0	0.43181	mg	
Substance	3	Copper	Supplier	7440-50-8	1.5	1.0	1.85061	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.12337	mg	
Material	2	Nickel Plate				1.0	111.637	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.11164	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.22327	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	111.30209	mg	
Material	2	Brass				1.0	16040.71	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.16041	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	1.0	4495.00796	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	1.0	8.02035	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	1.60407	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	1.0	8.02035	mg	

Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	16.04071	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	1.0	11469.10765	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.16041	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	1.60407	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.08020355	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	1.0	32.08142	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.80204	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	8.02035	mg	
Sub-Item	1	SHLD,INNER,2X4LEDSTKDMJ,SN PLT				1.0	3169.4461242	mg	
Material	2	Nickel Plate				1.0	78.1462242	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.15629	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.07814622	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	77.91179	mg	
Material	2	Tin Plate				1.0	81.0999	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	1.0	0.0810188	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	1.0	81.01888	mg	
Material	2	Brass				1.0	3010.2	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.030102	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	1.0	843.53329	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	1.0	1.5051	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.30102	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	1.0	1.5051	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	3.0102	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	1.0	2152.293	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.030102	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.30102	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.015051	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	1.0	6.0204	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.15051	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	1.5051	mg	
Sub-Item	1	TERM ARRAY ASSY WRRT GSJ 8PS L				4.0	1796.14	mg	
Material	2	Phos Bronze				4.0	448.0	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	4.0	0.448	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	4.0	0.0448	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	4.0	0.896	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	4.0	0.0224	mg	
Substance	3	Copper	Supplier	7440-50-8	90.0485	4.0	403.41728	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	4.0	0.0896	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	4.0	1.568	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	4.0	0.00448	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	4.0	0.448	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	4.0	0.0448	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	4.0	40.32	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	4.0	0.448	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	4.0	0.00224	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	4.0	0.0224	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	4.0	0.224	mg	
Material	2	Tin Plate				4.0	3.34	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.0999	4.0	0.00333666	mg	
Substance	3	Tin	Supplier	7440-31-5	99.9001	4.0	3.33666	mg	
Material	2	PBT-GF30				4.0	1337.8	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 1,4-butanediol	Supplier	26062-94-2	54.4	4.0	727.7632	mg	

Substance	3	Phenol, 4,4-(1-methylethylidene)bis[2,6-dibromo-, polymer with 2,2-[(1-methylethylidene)bis[(2,6-dibromo-4,1-phenylene)oxymethylene]]bis[oxirane]	Supplier	68928-70-1	12.0	4.0	160.536	mg	
Substance	3	12H-Phthaloperin-12-one, 8,9,10,11-tetrachloro-	Supplier	20749-68-2	0.1	4.0	1.3378	mg	
Substance	3	Antimony oxide (Sb2O3)	Supplier	1309-64-4	3.5	4.0	46.823	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	4.0	401.34	mg	
Material	2	Nickel Plate				4.0	6.58	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	4.0	0.00658	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	4.0	0.01316	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	4.0	6.56026	mg	
Material	2	Gold Plate				4.0	0.42	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	0.3	4.0	0.00126	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	4.0	0.41874	mg	