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, HKG SELL DIR-EMS
Company Unique ID	TE Connectivity	**Response Date**	2017-12-20	**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	5821997-3	**Amount**	6322.5606832	**Version**	-	**Identity**	
Manufacturer Item Name	72 ME .050 VERT AU M/L PB-FREE	**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 Yet Reviewed						
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**		**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**	Cu Alloy
Preheat Duration		**bulk Solder Termination**	Not Applicable	**Nbr or Reflow Cycles**		**Terminal Plating**	Matte Tin (Sn) - reflowed over Nickel (Ni) barrier
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	CNTCT ME VERTICAL - STRIP AU PB-FREE				72.0	30.2836206	mg	
Material	2	Tin Plate				72.0	0.533676	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	72.0	0.00106735	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	72.0	0.53224	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	72.0	3.7357E-4	mg	
Material	2	Nickel Plate				72.0	0.845396	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	72.0	0.00169079	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	72.0	8.454E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	72.0	0.84286	mg	
Material	2	Phos Bronze				72.0	28.9	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	72.0	0.0289	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	72.0	0.00289	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.2	72.0	0.0578	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	72.0	0.001445	mg	

Substance	3	Copper	Supplier	7440-50-8	90.0485	72.0	26.02402	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	72.0	0.00578	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.35	72.0	0.10115	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	72.0	2.89E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	72.0	0.0289	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	72.0	0.00289	mg	
Substance	3	Tin	Supplier	7440-31-5	9.0	72.0	2.601	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	72.0	0.0289	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	72.0	1.445E-4	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	72.0	0.001445	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	72.0	0.01445	mg	
Material	2	Gold Plate				72.0	0.0045486	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	72.0	0.00453495	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	72.0	1.36458E-5	mg	
Sub-Item	1	SUB ASSY, ME HSG W/METAL LATCH				1.0	4142.14	mg	
Material	2	Nickel Plate				1.0	6.14	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.01228	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.00614	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	6.12158	mg	
Material	2	Brass				1.0	658.0	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	1.0	0.00658	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0225	1.0	184.38805	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	1.0	0.329	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.0658	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	1.0	0.329	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	0.658	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	1.0	470.47	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.00658	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.01	1.0	0.0658	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.00329	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	1.0	1.316	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.0329	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	0.329	mg	
Material	2	LCP-GF30				1.0	3478.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	1.996	1.0	69.42088	mg	
Substance	3	Phenol	Supplier	108-95-2	0.0040	1.0	0.13912	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	1043.4	mg	
Substance	3	2-Naphthalenecarboxylic acid, 6-(acetyloxy)-, polymer with 4-(acetyloxy)benzoic acid	Supplier	70679-92-4	68.0	1.0	2365.04	mg	