



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	2017-02-23	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	3-1827233-6	Amount	6386.4664	Version	-	Identity	
Manufacturer Item Name	.5FHP05H,440,B,GIG,08/Sn,HT,N S	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	Phosphor Bronze
Preheat Duration		bulk Solder Termination	Not Applicable	Nbr or Reflow Cycles		Terminal Plating	Gold (Au)
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	.5FHP05H,440,B,GIG,FL/Sn,N O,NSYes				1.0	6386.4664	mg	
Material	2	Tin Plate				1.0	3.196	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.006392	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	3.18737	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.0022372	mg	
Material	2	LCP-GF30				1.0	1500.0	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	3.0	1.0	45.0	mg	
Substance	3	Ethene, homopolymer	Supplier	9002-88-4	0.2	1.0	3.0	mg	
Substance	3	Carbon black	Supplier	1333-86-4	2.0	1.0	30.0	mg	

Substance	3	2,6-Naphthalenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-benzenediol, [1,1'-biphenyl]-4,4'-diol and 4-hydroxybenzoic acid	Supplier	126710-21-2	65.8	1.0	987.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	29.0	1.0	435.0	mg	
Material	2	Tin Plate				1.0	11.0824	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	1.0	11.05248	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.0221648	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	1.0	0.00775768	mg	
Material	2	LCP-GF30				1.0	1700.0	mg	
Substance	3	Carbon black	Supplier	1333-86-4	1.0	1.0	17.0	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	30.0	1.0	510.0	mg	
Substance	3	1,4-Benzenedicarboxylic acid, polymer with 4-(acetyloxy)benzoic acid and 6-(acetyloxy)-2-naphthalenecarboxylic acid	Supplier	96563-77-8	68.996	1.0	1172.932	mg	
Substance	3	Phenol	Supplier	108-95-2	0.0040	1.0	0.068	mg	
Material	2	Phos Bronze				1.0	3144.0	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	1.0	2977.32084	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	1.0	0.6288	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	1.0	0.3144	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	1.0	141.48	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	1.0	0.1572	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	1.0	0.3144	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	1.0	3.144	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	1.0	0.03144	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	1.0	9.432	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	1.0	3.144	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	1.0	3.144	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	0.1572	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	1.572	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	1.0	3.144	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	0.01572	mg	
Material	2	Nickel Plate				1.0	25.596	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	1.0	0.051192	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	1.0	0.025596	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	1.0	25.51921	mg	
Material	2	Gold Plate				1.0	2.592	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	1.0	2.58422	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	1.0	0.007776	mg	