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**	CC WU	**Contact Title**	Product Compliance Engineer
Company Unique ID	TE Connectivity	**Response Date**	2016-03-11	**Contact Email**	cc.wu@tycoelectronics.com		
Contact Phone Number		021-33259321					

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	60812-1	**Amount**	0.5047	**Version**	-	**Identity**	
Manufacturer Item Name	BRUSH CONT RH 18-14 .020PHBZ	**Weight Uom**	g	**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-0615	REACH Candidate Substances of Very High Concern ARE NOT Contained in the Product Above the Limits per the Definition within REACH						

Manufacturing Information							
J-STD-020 MSL Rating		**Max Total a Wave Time**		**Ramp Rate**		**Wave Additional Info**	
Classification Temp		**Max Wave Solder Time**	0.0	**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**	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
Material	1	Phos Bronze				1.0	0.5047	g	
Substance	2	Copper	Supplier	7440-50-8	94.6985	1.0	0.47794333	g	
Substance	2	Manganese	Supplier	7439-96-5	0.02	1.0	1.0094E-4	g	
Substance	2	Chromium	Supplier	7440-47-3	0.01	1.0	5.047E-5	g	
Substance	2	Tin	Supplier	7440-31-5	4.5	1.0	0.0227115	g	
Substance	2	Arsenic	Supplier	7440-38-2	0.0050	1.0	2.5235E-5	g	
Substance	2	Iron	Supplier	7439-89-6	0.1	1.0	5.047E-4	g	
Substance	2	Antimony	Supplier	7440-36-0	0.01	1.0	5.047E-5	g	
Substance	2	Beryllium	Supplier	7440-41-7	0.0010	1.0	5.047E-6	g	
Substance	2	Zinc	Supplier	7440-66-6	0.3	1.0	0.0015141	g	
Substance	2	Phosphorus	Supplier	7723-14-0	0.1	1.0	5.047E-4	g	
Substance	2	Cobalt	Supplier	7440-48-4	0.1	1.0	5.047E-4	g	
Substance	2	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	1.0	2.5235E-5	g	
Substance	2	Lead	Lead/Lead Compounds	7439-92-1	0.05	1.0	2.5235E-4	g	
Substance	2	Nickel	Nickel	7440-02-0	0.1	1.0	5.047E-4	g	
Substance	2	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	1.0	2.5235E-6	g	