



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	2016-08-01	Contact Email	nelson.chan@te.com																													
Contact Phone Number		852-2738-8751																																
Legal Statement																																		
Supplier Acceptance	true																																	
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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	350759-4	Amount	1485.94	Version	-	Identity																												
Manufacturer Item Name	02P UMNL HDR ASSY PC V2 NATL	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-1215	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	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	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	02P UMNL HDR HSG NATL				1.0	1039.0	mg																										
Material	2	PA66				1.0	1039.0	mg																										
Substance	3	Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]	Supplier	32131-17-2	99.355	1.0	1032.29845	mg																										
Substance	3	Zinc oxide (ZnO)	Supplier	1314-13-2	0.0020	1.0	0.02078	mg																										
Substance	3	Octadecanamide, N,N-1,2-ethanediylbis-	Supplier	110-30-5	0.3	1.0	3.117	mg																										
Substance	3	Water	Supplier	7732-18-5	0.2	1.0	2.078	mg																										
Substance	3	Aluminum, hydroxybis(octadecanoato-kappa.O)-	Supplier	300-92-5	0.14	1.0	1.4546	mg																										
Substance	3	Siloxanes and Silicones, di-Me	Supplier	63148-62-9	0.0030	1.0	0.03117	mg																										
Sub-Item	1	MNL HDR SOK PC PTPPHBZ				2.0	223.47	mg																										
Material	2	Tin Plate				2.0	4.35	mg																										
Substance	3	Tin	Supplier	7440-31-5	97.85	2.0	4.25647	mg																										
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	2.0	0.0087	mg																										
Substance	3	Zinc	Supplier	7440-66-6	0.35	2.0	0.015225	mg																										
Substance	3	Copper	Supplier	7440-50-8	1.5	2.0	0.06525	mg																										

Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	2.0	0.00435	mg	
Material	2	Phos Bronze				2.0	219.12	mg	
Substance	3	Copper	Supplier	7440-50-8	94.6985	2.0	207.50335	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.02	2.0	0.043824	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.01	2.0	0.021912	mg	
Substance	3	Tin	Supplier	7440-31-5	4.5	2.0	9.8604	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0050	2.0	0.010956	mg	
Substance	3	Iron	Supplier	7439-89-6	0.1	2.0	0.21912	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	2.0	0.021912	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	2.0	0.0021912	mg	
Substance	3	Zinc	Supplier	7440-66-6	0.3	2.0	0.65736	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	0.1	2.0	0.21912	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	2.0	0.21912	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	2.0	0.010956	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	2.0	0.10956	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.1	2.0	0.21912	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	2.0	0.0010956	mg	