



<b>Form Type</b>	Distribute	<b>Version</b>	2.0	<b>Ref</b>	IPC 1752A	<b>Sectionals</b>	Manufacturing Info/ Material Info	<b>Subsectionals</b>	D, A
<b>Supplier Information</b>									
<b>Company Name</b>	TE Connectivity	<b>Request Document ID</b>		<b>Contact Name</b>	Chan, Nelson	<b>Contact Title</b>	Manager Sales, HKG SELL DIR-EMS		
<b>Company Unique ID</b>	TE Connectivity	<b>Response Date</b>	2016-08-01	<b>Contact Email</b>	nelson.chan@te.com				
<b>Contact Phone Number</b>	852-2738-8751								
<b>Legal Statement</b>									
<b>Supplier Acceptance</b>	true								
<b>Legal Statement</b>									
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.									
<b>Product</b>									
<b>Manufacturer Item number</b>	1-5103310-0	<b>Amount</b>	5948.6402315	<b>Version</b>	-	<b>Identity</b>			
<b>Manufacturer Item Name</b>	A/L LOW PRO HDR 50P RA BLACK	<b>Weight Uom</b>	mg	<b>Mfr Site</b>		<b>Authority</b>			
<b>Date</b>		<b>UOM</b>	Each						
<b>EUROHS-0508</b>	Product(s) meets EU RoHS requirement without any exemptions								
<b>ChinaRoHS-0508</b>	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								
<b>EUREACH-1215</b>	REACH Candidate Substances of Very High Concern ARE NOT Yet Reviewed								
<b>Manufacturing Information</b>									
<b>J-STD-020 MSL Rating</b>		<b>Max Total a Wave Time</b>		<b>Ramp Rate</b>		<b>Wave Additional Info</b>			
<b>Classification Temp</b>		<b>Max Wave Solder Time</b>	10.0	<b>Ramp Down Rate</b>		<b>Psi Rating Reflow</b>			
<b>Max Time Within 5</b>		<b>Psi Rating Wave</b>		<b>Package Designator</b>		<b>Size</b>	0.0		
<b>Time Above 217</b>		<b>Reflow Additional Info</b>		<b>Preheat Max Temp</b>		<b>Terminal Base Alloy</b>	NAC		
<b>Preheat Duration</b>		<b>bulk Solder Termination</b>	NAC	<b>Nbr or Reflow Cycles</b>		<b>Terminal Plating</b>	NAC		
<b>Preheat Min Temp</b>		<b>Nbr of Instances</b>	0	<b>Component Temp Spike</b>		<b>Shape</b>	NAC		
<b>Product Disclosure</b>									
<b>Sub-Item/Material/Substance</b>	<b>Level</b>	<b>Name</b>	<b>Substance Category</b>	<b>Substance CAS</b>	<b>Substance Concentration</b>	<b>Quantity</b>	<b>Mass per Unit</b>	<b>UOM</b>	<b>Exemption</b>
Sub-Item	1	050 HOUSING LOPRO HDR				1.0	3234.5	mg	
Material	2	PA66-GF25				1.0	3234.5	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-0909	3.5	1.0	113.2075	mg	
Substance	3	Benzenamine, reaction products with aniline hydrochloride and nitrobenzene	Supplier	101357-15-7	4.0	1.0	129.38	mg	
Substance	3	Glass, oxide, chemicals	Supplier	65997-17-3	25.0	1.0	808.625	mg	
Substance	3	Poly[imino(1,6-dioxo-1,6-hexanediy)]imino-1,6-hexanediy]	Supplier	32131-17-2	61.5	1.0	1989.2175	mg	
Substance	3	Phosphorus	Supplier	7723-14-0	6.0	1.0	194.07	mg	
Sub-Item	1	BAND ASSY .0245 SQ POST .805 15 AU				25.0	61.72588513	mg	
Material	2	Nickel Plate				25.0	0.74793	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	0.00149586	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	25.0	7.4793E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	25.0	0.74569	mg	

Material	2	Tin Plate				25.0	0.246189	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	4.9238E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	25.0	0.24552	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	25.0	1.7233E-4	mg	
Material	2	Gold Plate				25.0	0.0252934	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.02521752	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	25.0	7.58802E-5	mg	
Material	2	Brass Wire				25.0	60.7	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	25.0	43.4005	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	25.0	6.07E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0226	25.0	17.00972	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	25.0	0.03035	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	25.0	6.07E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	25.0	0.03035	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	25.0	0.0607	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0099	25.0	0.0060093	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	25.0	0.00607	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	25.0	0.03035	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	25.0	0.003035	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	25.0	3.035E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	0.2	25.0	0.1214	mg	
Material	2	Gold Plate				25.0	0.00647273	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	25.0	1.941819E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.00645331	mg	
Sub-Item	1	BAND ASSY .0245 SQ POST .606 15 AU				25.0	46.83972413	mg	
Material	2	Nickel Plate				25.0	0.561769	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	0.00112354	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.1	25.0	5.6177E-4	mg	
Substance	3	Nickel	Nickel	7440-02-0	99.7	25.0	0.56008	mg	
Material	2	Tin Plate				25.0	0.246189	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.2	25.0	4.9238E-4	mg	
Substance	3	Tin	Supplier	7440-31-5	99.73	25.0	0.24552	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.07	25.0	1.7233E-4	mg	
Material	2	Gold Plate				25.0	0.0252934	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.02521752	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	25.0	7.58802E-5	mg	
Material	2	Brass Wire				25.0	46.0	mg	
Substance	3	Copper	Supplier	7440-50-8	71.5	25.0	32.89	mg	
Substance	3	Beryllium	Supplier	7440-41-7	0.0010	25.0	4.6E-4	mg	
Substance	3	Zinc	Supplier	7440-66-6	28.0226	25.0	12.8904	mg	
Substance	3	Manganese	Supplier	7439-96-5	0.05	25.0	0.023	mg	
Substance	3	Chromium	Supplier	7440-47-3	0.0010	25.0	4.6E-4	mg	
Substance	3	Iron	Supplier	7439-89-6	0.05	25.0	0.023	mg	
Substance	3	Cobalt	Supplier	7440-48-4	0.1	25.0	0.046	mg	
Substance	3	Arsenic	Supplier	7440-38-2	0.0099	25.0	0.004554	mg	
Substance	3	Antimony	Supplier	7440-36-0	0.01	25.0	0.0046	mg	
Substance	3	Lead	Lead/Lead Compounds	7439-92-1	0.05	25.0	0.023	mg	
Substance	3	Cadmium	Cadmium/Cadmium Compounds	7440-43-9	0.0050	25.0	0.0023	mg	
Substance	3	Mercury	Mercury/Mercury Compounds	7439-97-6	5.0E-4	25.0	2.3E-4	mg	

Substance	3	Nickel	Nickel	7440-02-0	0.2	25.0	0.092	mg	
Material	2	Gold Plate				25.0	0.00647273	mg	
Substance	3	Contains No Reportable TE5081-2 Substances	Supplier	TE5081-2-1212	0.3	25.0	1.941819E-5	mg	
Substance	3	Gold	Supplier	7440-57-5	99.7	25.0	0.00645331	mg	