
 <small>ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®</small>		Material Composition Declaration <small>© Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.</small>		<small>This document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility.</small> Adobe Reader version 7.0.5 is required to complete this declaration.					
1752-2 1.1		IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x			Form Type * Distribute		Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informat		
Supplier Information									
Company Name * RAMI TECHNOLOGY USA LLC		Company Unique ID		Unique ID Authority		Response Date * 1/29/2021		Response Document ID	
Contact Name * YG Jiao		Title - Contact QA manager		Phone - Contact * 0755-21537133		Email - Contact * ygjiao@ramitechnology.com		Duplicate Contact -> Authorized Representative	
Authorized Representative * Frank Parra		Title - Representative QA manager		Phone - Representative * 305-593-6033		Email - Representative * frank@ramitechnology.com		Supplier Comments or URL for Additional Information	
Requester Item Number		Mfr Item Number		Mfr Item Name		Effective Date		Version	
		TT-SMDC Product Family		TT-SMDC Product Family		2022-10-06			
Alternate Recommendation						Alternate Item Comments			
Manufacturing Process Information									
Terminal Plating / Grid Array Material Matte Tin (Sn)				Terminal Base Alloy Kovar		J-STD-020 MSL Rating 1		Peak Process Body Temperature 245 C	
						Max Time at Peak Temperature 10 seconds		Number of Reflow Cycles 2	
Comments									

Save the fields in this form to a file	Export Data	Import fields from a file into this form	Import Data	Clear all of the fields on this form	Reset Form	Lock the fields on this form to prevent changes	Lock Supplier Fields
RoHS Material Composition Declaration						Declaration Type *	Simplified
RoHS Directive 2002/95/EC	RoHS Definition: Quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium						
Supplier certifies that it gathered the information it provides in this form concerning RoHS restrictive substances using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part, and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part, the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form.							
RoHS Declaration *	3 - Item(s) does not contain RoHS restricted substances per the definition above except for lead in solders and selected exemptions, if any					Supplier Acceptance *	Accepted
Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.							
Exemption List Version							
+ -							
Declaration Signature							
Instructions: Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requester) and click on Submit Form to have the form returned to the Requester.							
Supplier Digital Signature	YG Jiao		 数字签名者: YG Jiao DN: cn=YG Jiao, o=RAMI TECHNOLOGY USA LLC, ou=QA, email=ygjiao@ramitechnology.com, c=CN 日期: 2013.08.27 09:46:08 +08'00'				

Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).

Line Functions: +I Inserts a New Item /SubItem +M Inserts a new Material +C Inserts a new Substance Category +S Inserts a new Substance - Deletes the element line

Item/SubItem Name			Homogeneous Material		Weight	Unit of Measure	Level		Substance Category	Substance		CAS	Exempt	Weight	Unit of Measure	Tolerance		PPM												
+I	-I	TT-SMDC	+M	-M	CAP	104.402	mg	+C	-C	Supplier	C7251R	+S	-S	Fe	7439-89-6		0.009	mg	-	+										
												+S	-S	Cu	7440-50-8		59.994	mg												
												+S	-S	Mn	7439-96-5		0.122	mg												
												+S	-S	Zn	7440-66-6		17.3	mg												
												+C	-C	B	Nickel (external applic	+S	-S	Nickel	7440-02-0		26.977	mg								
												+M	-M	Enclosure	43.165	mg	+C	-C	Supplier	Header	+S	-S	Mn	7439-96-5		0.07	mg			
												+S	-S	Fe	7439-89-6		14.023	mg												
												+S	-S	Cr	7440-47-3		0.016	mg												
												+C	-C	Supplier	Glass	+S	-S	SiO2	14808-60-7		10.75	mg								
												+C	-C	Supplier	Terminal	+S	-S	Co	7440-48-4		1.488	mg								
												+C	-C	Supplier	Plating	+S	-S	Cu	7440-50-8		0.096	mg								
												+S	-S	Sn	7440-31-5		3.116	mg												
												+C	-C	A	Lead/Lead Compound	+S	-S	Lead	7439-92-1	7a. Lead	3.35	mg								
												+C	-C	B	Nickel (external applic	+S	-S	Nickel	7440-02-0		10.256	mg								
												+M	-M	Blank	7.879	mg	+C	-C	Supplier	Quartz	+S	-S	SiO2	7631-86-9		4.964	mg			
												+C	-C	Supplier	Electrode	+S	-S	Ag	7440-22-4		2.915	mg								
												+M	-M	Plastic mold	122.5	mg	+C	-C	Supplier	Epoxy compound	+S	-S	SiO2	14808-60-7		86.975	mg			
												+S	-S	Epoxy Resin	85954-11-6		12.25	mg												
												+S	-S	Phenol Resin	61788-97-4		11.622	mg												
												+S	-S	Flame Retardent	1332-07-6		6.125	mg												
												+S	-S	Pigment	01333-86-4		3.078	mg												
												+S	-S	Coupling Agent	2530-83-8		2.45	mg												
+M	-M	Lead Frame	48.15	mg	+C	-C	Supplier	Metal Frame	+S	-S	Cu	7440-50-8		29.882	mg															

+S	-S	Zn	7440-66-6			14.994	mg										
			+C	-C	Supplier	Surface coating		+S	-S	Sn	7440-31-5		3.274	mg			