	© Cop	terial Compo pyright 2005. IPC, Bannoc ternational and Pan-Ameri	kburn, Illinois	. All rights reserv	tion with lower	level pa	irts, the	declaratio	n encompa	asses all lo		erials for	which th	e item is an assembly ne manufacturer has leclaration.	
	_	Veb Site for Informat		Form Type * Declaration Class * Distribute Class 6 - RoHS Yes/No, Homogeneous Materials					and Mfg Informa						
Supplier Information															
Company Name *	Company Name * Company Unique ID			Unique ID Au	Response Date *			Re	Response Document ID						
Anaren Microwave						20-05-07									
Contact Name * Title - Contact				Phone - Con	ntact *	Email - Contact *									
Sarvesh Nair	Project Engineer		315-432-8909		Sarvesh.Nair@ttm.com			n							
-		Title - Representative	le - Representative Phor		Phone - Representative *		Email - Representative *			Supplier Comments or URL for Additional Information					
		Project Engineer		315-432-8909		Sarvesh.Nair@ttm.com			n						
Requester Item Number		Mfr Item Number		Mfr Item Name		Effective Date \		Version	Manufactu	ring Site	Weight *	UC	DM	Unit Type	
		D10AA20Z4		Surface Mount Attenuator, 10W		2020-05	0-05-07 E East (East Syra	Syracuse 0.03336047		47 g		Each	
Alternate Recommenda	tion	ion				Alternate Item (Item Comr	nents		ļo_				
Manufacturing Proces	s Inf	ormation													
Terminal Plating / Grid Array N	/lateri	al	Terminal B	ase Alloy	J-STD-020 MSL Ra	iting F	Peak Proc	ess Body	Temperatu	re Max Tim	e at Peak Tem	perature	Number	of Reflow Cycles	
Matte Tin (Sn) - with Nickel (Ni) barrier Other			1		_	260		260 C	30 sec		econds	3	-		
Comments										•					

	he fields in rm to a file	Export Data	Import fields from a file into this form	Import Data				Locked
RoHS	Material Co	mposition Declaration	า				Declaration Type *	Detailed
		Definition: Quantity lim rominated Diphenyl Ethe					valent Chromium, Polybromii Cadmium	nated Biphenyls (PBB),
nromium excess of the inform till rely or orm, and egarding that agree	, polybrominated bip an applicable quanti ation it provides in th this certification in c that Supplier may no their contributions to ment, including any	nenyls and/or polybrominated diph ty limit, please indicate below which is form using appropriate methods determining the compliance of its pot thave independently verified such the part, and those certifications a	enyl ethers (each a "RoHS r h, if any, RoHS exemption yo to ensure its accuracy and t roducts with European Unior i information. However, in siture at least as comprehensive ovided as part of that agreen	estricted substance") in exces ou believe may apply. If the pa that such information is true ar n member state laws that imple uations where Supplier has no e as the certification in this par nent, will be the sole and exclu-	s of the applicable quantity limit irt is an assembly with lower leve d correct to the best of its knowlement the RoHS Directive. Comput independently verified informat agraph. If the Company and the usive source of the Supplier's lial	identified above. If a homogeneral components, the declaration ledge and belief, as of the date pany acknowledges that Supplition provided by others, Supplier enter into a written agbility and the Company's remediations.	dentified on this form contains lead, me eous material within the part contains a shall encompass all such components that Supplier completes this form. Supier may have relied on information prover agrees that, at a minimum, its suppligreement with respect to the identified dies for issues that arise regarding information.	RoHS restricted substance in . Supplier certifies that it gathered oplier acknowledges that Company rided by others in completing this ers have provided certifications part, the terms and conditions of
RoHS	Declaration *	4 - Item(s) does not contain Rol	HS restricted substances pe	er the definition above excep	t for selected exemptions		Supplier Acceptance * Acce	pted
		ared item does not contain plicable exemptions.	RoHS restricted substa	ances per the definition a	above except for defined I	RoHS exemptions, then s	select the corresponding respor	nse in the RoHS Declaration
Exemp	tion List Version	n EL-2006/690/EC						
	7c. Lead in electror	ic ceramic parts (e.g. piezoelect	ronic devices).					

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

Homogeneous Material Composition Declaration for Electronic Products

Subltem 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	Homogeneous	Weight	Unit of		Level	Substance Category	Substance	CAS	Exempt	WAIGH	Unit of	Tolerance		PPM
Name	Material	weight	Measure			Substance Category	Substance				Measure	-	+	PPIVI
D10AA20Z4	Substrate	0.03153	2 g		Supplier	Substrate	Aluminum Oxide (Al2O3	1344-28-1		0.030271	g			960,00
	,				Supplier	Substrate	Proprietary/Unknown	Proprietary		0.001261	g			40,000
	Conductor	0.00055	5 g		Supplier	Conductor	Silver (Ag)	7440-22-4		0.000444	g			800,00
		•			Supplier	Conductor	Lead Containing Glass	65997-18-4		0.000111	g			200,0
	Thick Film Resis	0.00017	3 g		Supplier	Thick Film Resistor	Silver (Ag)	7440-22-4		0.000017	g			99,12
			•	•	Supplier	Thick Film Resistor	Ruthenium(IV) dioxide (12036-10-1		0.000025	g			146,4
					Supplier	Thick Film Resistor	Palladium (Pd)	7440-05-3		0.000006	g			35,79
					Supplier	Thick Film Resistor	Lead Containing Glass	65997-18-4		0.000124	g			718,6
	Protective Glaze	0.00025	7 g		Supplier	Protective Glaze	Proprietary/Unknown	Proprietary		0.000006	g			26,00
		1	•		Supplier	Protective Glaze	Chromium(III) oxide (Cr	1308-38-9		0.000003	g			14,70
					Supplier	Protective Glaze	Lead Containing Glass	65997-18-4		0.000247	g			959,3
	Protective Polyn	0.00046	2 g		Supplier	Protective Polymer	*Proprietary Metal Com	Proprietary		0.000046	g			100,0
		1	•		Supplier	Protective Polymer	*Proprietary Blue Pigme	Proprietary		0.000092	g			200,0
					Supplier	Protective Polymer	Cobalt (Co)	7440-48-4		0.000138	g			300,0
					Supplier	Protective Polymer	Molybdenum (Mo)	7439-98-7		0.000185	g			400,0
	Part Marking Ink	0.00000	3 g		Supplier	Part Marking Ink	Titanium dioxide (TiO2)	13463-67-7		0.000003	g			857,1
		1	•		Supplier	Part Marking Ink	Silica amorphous (SiO2	7631-86-9		0.000000	g			142,90
	Nickel Plating	0.00026	4 g		A	Lead/Lead Compound	Lead	7439-92-1		0.000000	g			499.7
			1		В	Nickel (external applic	Nickel	7440-02-0		0.000264	g			999,5
	Tin Plating	0.00011	0 q		Supplier	Tin Plating	Tin (Sn)	7440-31-5		0.000110	a			1,000