ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®	© Co	terial Compo ppyright 2005. IPC, Bannoo nternational and Pan-Ameri	kburn, Illinois	. All rights reserv	tion with lower	r level p	arts, the	declaratio	on encomp	asses al	ll lower		ials for	which th	e item is an assembly te manufacturer has eclaration.		
1752-2 1.1		Web Site for Informat		-1752 Standa	ırd		brm Type * Declaration Class * Class 6 - RoHS Yes/No, Homog						geneous Materials and Mfg Informat				
Supplier Information																	
Company Name *		Company Unique ID		Unique ID Au	uthority	Respo	onse Date	e *	R	esponse	Docum	ent ID					
Anaren Microwave						2022-	03-30										
Contact Name *	Contact Name * Title - Contact			Phone - Contact *			- Contac	t *		_		_					
Herbert Jones	Herbert Jones Pr			315-233-5510		Herbert.Jones@ttm.com			m	Dup	licate	Contact ->	> Autho	rized Re	presentative		
Authorized Representati	Authorized Representative * Title - Representative			Phone - Representative *			Email - Representative *				Supplier Comments or URL for Additional Information						
Herbert Jones	Herbert Jones Project Engineer			315-233-5510			rt.Jones	@ttm.co	m								
Requester Item Number	r	Mfr Item Number		Mfr Item Name		Effective Date V		Version	Manufac	ufacturing Site		Neight *	UO	M	Unit Type		
		E125N50X4	Termination		202		03-30 A East		East Syr	t Syracuse		0.1560062	g		Each		
Alternate Recommenda	ation					Alternate Iter											
Manufacturing Proces	ss In	formation		1													
Terminal Plating / Grid Array	Mater	ial	Terminal B	ase Alloy	J-STD-020 MSL R	ating	Peak Proc	ess Body	/ Temperat	ure Max	Time at I	Peak Tempe	erature	Number	of Reflow Cycles		
Matte Tin (Sn) - with Nickel (Ni) barrier Silver (A			g)	1	-	260			60 C		30 second			-			
Comments Compliant to RoHS 2 Dir	ectiv	re 2011/65/EU of the	Europear	n Parliament a	and of the Coun	cil of 8	June 201	1 and C	ommissi	on Dele	gated D	irective 20)15/863	E/EU of 3	31 March 2015.		

Save the fields in this form to a file	Export Data	Import fields from a file into this form	mt 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 Co	mposition Declaratio	n				Declaration Type *	Custom
		nit of 0.1% by mass (1000 PPM) ers (PBDE) and quantity limit of 0					ated Biphenyls (PBB),
DIBP). Supplier certifies that is a date that Supplier complet at Supplier may have relied thers, Supplier agrees that, a written agreement with response.	it gathered the information it provices this form. Supplier acknowledgon information provided by others it a minimum, its suppliers have prect to the identified part, the terms	dendum: Quantity limit of 0.1% by mass (100 des in this form concerning RoHS restrictive es that Company will rely on this certification in completing this form, and that Supplier movided certifications regarding their contribuand conditions of that agreement, including the Supplier provides in this form.	substances using a n in determining the nay not have indeper tions to the part, and	appropriate methods to ensur compliance of its products windently verified such informated those certifications are at I	re its accuracy and that such info with European Union member station. However, in situations whe least as comprehensive as the c	ormation is true and correct to the best ate laws that implement the RoHS Dire are Supplier has not independently veriful ertification in this paragraph. If the Con	of its knowledge and belief, as of ctive. Company acknowledges fied information provided by npany and the Supplier enter into
RoHS Declaration *	1 - Item(s) does not contain Ro	HS restricted substances per the definition	on above			Supplier Acceptance * Accep	oted
exemptions: If the declease and choose all ap		RoHS restricted substances per th	ne definition abo	ve except for defined	RoHS exemptions, then so	elect the corresponding respon-	se in the RoHS Declaration
Declaration Signa	iture						
nstructions: Comple	ete all of the required fie	lds on all pages of this form. S	elect the "Acce	epted" on the Suppli	er Acceptance drop-do	wn. This will display the sigr	nature 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	NA/a i mla t	Unit of		Lawal	Substance Cotemani			Cubatanas	040		Weight	Unit of	Tolerance		DDM
	Name		Material	Weight	Measure		Level	Substance Category			Substance	CAS	Exempt		Measure	-	+	PPM
+1 -1	E125N50X4 Rev A	+M -M	Substrate	0.135418	8 g	+C -C	Supplier	Yttrium (III) oxide (Y2	+\$	-S	Yttrium (III) oxide (Y2O3	1314-36-9		0.006770	g		Ę	50,000
						+C -0	Supplier	Aluminum Nitride (AL	+S	-S	Aluminum Nitride (ALN	24304-00-5		0.128647	g		ç	950,00
		+M -M	Thick Film Resis	0.00070	8 g	+C -C	Supplier	Ruthenium(IV) dioxid	+\$	-S	Ruthenium(IV) dioxide (12036-10-1		0.000286	g		4	404,90
						+C -0	Supplier	Boron Oxide (BO)	+S	-S	Boron Oxide (BO)	1303-86-2		0.000091	g		1	128,80
						+C -0	Supplier	Magnesium Oxide (M	+S	-S	Magnesium Oxide (MgO	1309-48-4		0.000108	g		1	153,40
						+C -0	Supplier	Zinc oxide (ZnO)	+S	-S	Zinc oxide (ZnO)	1314-13-2		0.000095	g		1	135,00
						+C -0	Supplier	Aluminum Oxide (Al2	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000091	g		1	128,80
						+C -0	Supplier	Silicon Dioxide (SiO2	+S	-s	Silicon Dioxide (SiO2)	14808-60-7		0.000034	g		4	49,100
		+M -M	Conductor	0.00257 ²	1g	+C -C	Supplier	Silver (Ag)	+S	-s	Silver (Ag)	7440-22-4		0.002339	g		9	910,00
						+C -0	Supplier	Titanium (Ti)	+S	-S	Titanium (Ti)	7440-32-6		0.000192	g		7	75,000
						+C -0	Supplier	Cobalt (Co)	+S	-s	Cobalt (Co)	7440-48-4		0.000038	g		1	15,000
		+M -M	Protective Polyn	0.00085	1g	+C -C	Supplier	Molybdenum (Mo)	+S	-s	Molybdenum (Mo)	7439-98-7		0.000340	g		4	400,00
						+C -0	Supplier	Cobalt (Co)	+S	-S	Cobalt (Co)	7440-48-4		0.000255	g		3	300,00
						+C -0	Supplier	*Proprietary Blue Pig	+S	-S	*Proprietary Blue Pigme	Proprietary		0.000170	g		2	200,00
						+C -0	Supplier	*Proprietary Metal Co	+S	-s	*Proprietary Metal Com	Proprietary		0.000085	g		1	100,00
		+M -M	Protective Glaze	0.00163	0 g	+C -C	Supplier	Boron Oxide (BO)	+S	-S	Boron Oxide (BO)	1303-86-2		0.000349	g		2	214,30
						+C -0	Supplier	Chromium(III) oxide (+S	-S	Chromium(III) oxide (Cr	1308-38-9		0.000023	g		1	14,200
						+C -0	Supplier	Zinc oxide (ZnO)	+S	-S	Zinc oxide (ZnO)	1314-13-2		0.001048	g		e	642,90
						+C -0	Supplier	Aluminum Oxide (Al2	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000104	g		e	64,300
						+C -0	Supplier	Silicon Dioxide (SiO2	+S	-S	Silicon Dioxide (SiO2)	14808-60-7		0.000104	g		e	64,300
		+M -M	Part Marking Ink	0.00009	2 g	+C -C	Supplier	Titanium dioxide (TiO	+S	-S	Titanium dioxide (TiO2)	13463-67-7		0.000079	g		8	857,10
						+C -0	Supplier	Silica amorphous (Si	+S	-S	Silica amorphous (SiO2	7631-86-9		0.000013	g		1	142,90
		+M -M	Flange	0.01291	4 g	+C -C	Supplier	Silver (Ag)	+S	-S	Silver (Ag)	7440-22-4		0.012914	g		1	1,000,0

+M	-М	Tin Plating	0.000534g	+C -C Supplier	Tin (Sn)	+S	-S	Tin (Sn)	7440-31-5	0.000534	g		999,92
+M	-М	Nickel Plating	0.001284g	+C -C B	Nickel (Ni)	+S	-S	Nickel (Ni)	7440-02-0	0.001284	g		1,000,0