	© Co	terial Compo pyright 2005. IPC, Bannoo ternational and Pan-Amer	kburn, Illinois	. All rights reserv	tion with lower	level	parts, the	declaratior	n encompa	isses all low	er level mate	erials for wh	e: if the item is an asse nich the manufacturer this declaration.
1/52-2 1.1		Web Site for Informa		-1752 Standa	ırd		m Type * tribute			n Class * RoHS Yes/N	o, Homogei	neous Mat	erials and Mfg Info
Supplier Information													
Company Name * Anaren Microwave		Company Unique ID		Unique ID Au	ıthority	Resp	onse Date) *	Re	sponse Doc	ument ID		
Contact Name * Brian Buyea		Title - Contact Project Engineer		Phone - Cor 315-432-890		Email	l - Contac .buyea@a	•	om	Duplicate	Contact -	-> Authorize	ed Representative
Authorized Representativ Brian Buyea		Title - Representativ Project Engineer	е	Phone - Rep 315-432-890	resentative * 9		- Repres .buyea@a			pplier Comm	ents or URL	for Additic	onal Information
Requester Item Number		Mfr Item Number		Mfr Item Name)	Effecti	ve Date	Version	Manufactu	ring Site	Weight *	UOM	Unit Type
		C50A50Z4		Termination		2016-	12-12	В	East Syra	cuse	0.213	g	Each
Alternate Recommenda	ition							Alternate	Item Comn	nents			
Manufacturing Proces	s Inf	formation											
Terminal Plating / Grid Array N	Materi	al	Terminal B	ase Alloy	J-STD-020 MSL R	ating	Peak Proc	ess Body	Temperatu	re Max Time	at Peak Temp	perature Nu	mber of Reflow Cycles
Matte Tin (Sn) - with Nicl Comments	kel (N	Ni) barrier	Other		1			2	260 C		30 se	econds 3	
Compliant to RoHS Direc	tive	2011/65/EU and 201	15/863										

Save the fields in his 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 Com	position Declaration	า				Declaration Type *	Simplified
2011/65/EU (2-ethylh	exyl) phthalate (DEHP), Butyl b	penzyl phthalate (BBP), Dibuty	yl phthalate (DBP), Diisobu	ityl phthalate (DIBP) and qua	antity limit of 0.01% by mass (1	ited Biphenyls (PBB), Polybrominat 00 PPM) of homogeneous material	for Cadmium
te that Supplier completes this upplier may have relied on info upplier agrees that, at a minim itten agreement with respect t	s form. Supplier acknowledges the rmation provided by others in colum, its suppliers have provided c	nat Company will rely on this ce mpleting this form, and that Sup ertifications regarding their cont d conditions of that agreement,	rtification in determining the plier may not have independ ributions to the part, and tho	compliance of its products wit dently verified such information se certifications are at least a	h European Union member state n. However, in situations where S s comprehensive as the certificati	n is true and correct to the best of its I laws that implement the RoHS Direct Supplier has not independently verified ion in this paragraph. If the Company e sole and exclusive source of the Su	ive. Company acknowledges that d information provided by others, and the Supplier enter into a
RoHS Declaration * 4	- Item(s) does not contain Rol-	HS restricted substances per t	he definition above except	for selected exemptions		Supplier Acceptance * Acce	pted
xemptions: If the decla		RoHS restricted substanc	es per the definition a	bove except for defined	RoHS exemptions, then so	elect the corresponding respon	nse in the RoHS Declaration
Exemption List Version	EL-2006/690/EC						
7c. Lead in electronic	ceramic parts (e.g. piezoelect	ronic devices).					
Declaration Signat	ure						
	e all of the required fielded by the Requester) are					wn. This will display the sig	nature area. Digitally sign

Supplier Digital Signature

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		Homogeneous	Weight	Unit of			Laval	Substance Catemany			Sub-ton-	CAS	F	NA/a i sub 4	Unit of	Tolera	ince	DDM
	Name		Material	weight	Measure			Level	Substance Category			Substance	CAS	Exempt	Weight	Measure	-	+	PPM
+1 -1	C50A50Z4	+M -M	Part Marking Ink	0.00000	g	+C -	C	Supplier	Titanium dioxide (TiO	+S	-S	Titanium dioxide (TiO2)	13463-67-7		0.000004	g			857,10
						+C -	c s	Supplier	Silica amorphous (Si	+S	-S	Silica amorphous (SiO2	7631-86-9		0.000000	g			142,90
		+M -M	Protective Polym	0.003188	3 g	+C -	C	Supplier	Proprietary	+S	-S	Proprietary	Proprietary		0.000956	g			300,00
						+C -	c s	Supplier	Cobalt (Co)	+S	-S	Cobalt (Co)	7440-48-4		0.000956	g			300,00
						+C -	C	Supplier	Molybdenum (Mo)	+S	-S	Molybdenum (Mo)	7439-98-7		0.001275	g			400,00
		+M -M	Protective Glaze	0.000457	/g	+C -	C	Supplier	Boron Oxide (BO)	+S	-S	Boron Oxide (BO)	1303-86-2		0.000097	g		:	214,30
						+C -	c s	Supplier	Aluminum Oxide (Al2	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000029	g			64,300
						+C -	c s	Supplier	Silicon Dioxide (SiO2	+S	-s	Silicon Dioxide (SiO2)	14808-60-7		0.000029	g			64,300
						+C -	C s	Supplier	Chromium(III) oxide (+S	-S	Chromium(III) oxide (Cr	1308-38-9		0.000006	g			14,200
						+C -	c s	Supplier	Zinc oxide (ZnO)	+S	-s	Zinc oxide (ZnO)	1314-13-2		0.000293	g			642,90
		+M -M	Thick Film Resis	0.001720	0 g	+C -	C	Supplier	Boron Oxide (BO)	+S	-S	Boron Oxide (BO)	1303-86-2		0.000231	g		·	134,60
						+C -	C	Supplier	Magnesium Oxide (M	+S	-S	Magnesium Oxide (MgO	1309-48-4		0.000165	g			96,200
						+C -	C s	Supplier	Aluminum Oxide (Al2	+S	-S	Aluminum Oxide (Al2O3	1344-28-1		0.000231	g			134,60
						+C -	C s	Supplier	Silicon Dioxide (SiO2	+S	-S	Silicon Dioxide (SiO2)	14808-60-7		0.000088	g			51,300
						+C -	C s	Supplier	Ruthenium(IV) dioxid	+S	-S	Ruthenium(IV) dioxide (12036-10-1		0.000849	g			493,60
						+C -	c s	Supplier	Zinc oxide (ZnO)	+S	-S	Zinc oxide (ZnO)	1314-13-2		0.000154	g			89,700
		+M -M	Tin Plating	0.00053 ²	lg	+C -	C	Supplier	Tin (Sn)	+S	-S	Tin (Sn)	7440-31-5		0.000531	g			1,000,0
		+M -M	Nickel Plating	0.00175 ²	lg	+C -	c /	4	Lead/Lead Compound	+S	-S	Lead	7439-92-1	7c. Lead	0.000000	g			499.75
						+C -	C	3	Nickel (external applic	+S	-s	Nickel	7440-02-0		0.001750	g			999,50
		+M -M	Conductor	0.00205 ²	lg	+C -	C	Supplier	Silica Fused (SiO2)	+S	-s	Silica Fused (SiO2)	60676-86-0		0.000205	g			100,00
						+C -	c	4	Lead/Lead Compound	+S	-S	Lead	7439-92-1	7c. Lead	0.000205	g			100,00
						+C -	C	Supplier	Silver (Ag)	+S	-S	Silver (Ag)	7440-22-4		0.001640	g			800,00
		+M -M	Substrate	0.203449	g	+C -	C	Supplier	Aluminum Oxide (Al2	+S	-s	Aluminum Oxide (Al2O3	1344-28-1		0.195311	g		!	960,00

+C -C Supplier Proprietary/Unknown +S -S Proprietary/Unknown Proprietary 0.008137g
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