| ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES® | © Co | terial Compo pyright 2005. IPC, Bannoc nternational and Pan-Ameri | kburn, Illinois | . All rights reserv | tion with lower | r level p | parts, the | declaratio | n enco | | er level materia | ls for which | the item is an assembly the manufacturer has seclaration. | | | |
|---|-------|---|----------------------------|--------------------------|-----------------|-----------------------|--------------------------|-------------------|-----------------|--|------------------|-------------------------|---|--|--|--|
| 1752-2 1.1 | | Web Site for Informat | | -1752 Standard | | | | | | Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Materials and Mfg Informa | | | | | | |
| Supplier Information | | | | | | | | | | | | | | | | |
| Company Name * | | Company Unique ID | | Unique ID Authority I | | Resp | Response Date * | | | Response Document ID | | | | | | |
| Anaren Microwave | | | | 1 | | | 02-28 | | | | | | | | | |
| Contact Name * | | Title - Contact | | Phone - Contact * | | Email | Email - Contact * | | | Dunlingto | Contact | ۸ دام ماند م | Denverentative | | | |
| Herbert Jones | | Project Engineer | | 315-233-5510 | | | Herbert.Jones@ttm.com | | | Duplicate | Contact -> / | Authorizea | Representative | | | |
| Authorized Representative * | | Title - Representative | | Phone - Representative * | | Email | Email - Representative * | | | Supplier Comments or URL for Additional Information | | | | | | |
| Herbert Jones | | Project Engineer | | 315-233-5510 | | Herbert.Jones@ttm.com | | | m | | | | | | | |
| Requester Item Number | | Mfr Item Number | | Mfr Item Name | Effective Date | | Version | Manufa | acturing Site | Weight * | UOM | Unit Type | | | | |
| | | XRA10FF30SES | | Surface Mount Attenuator | | 2022-02-28 | | Α | East S | Syracuse | 0.0056151 | g | Each | | | |
| Alternate Recommendation | | | | | | | Alteri | | e Item Comments | | | | | | | |
| Manufacturing Proce | ss In | formation | | | | | | | | | | | | | | |
| Terminal Plating / Grid Array Material Terminal B | | | ase Alloy J-STD-020 MSL Ra | | | ting Peak Process Bod | | y Temperature Max | | at Peak Temper | ature Numb | Number of Reflow Cycles | | | | |
| . , , , , , , , , , , , , , , , , , , , | | | Silver (A | g) 1 | | | 260 (| | | 30 seconds 3 | | | | | | |
| Comments | | | | | | | | | | | | | | | | |

Compliant to RoHS 2 Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 and Commission Delegated Directive 2015/863/EU of 31 March 2015.

| Save the fields in this form to a file | Export Data | Import fields from a file into this form | | 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 | | Unit of | | Level | Substance Category | | | Substance | CAS | Evemnt | Weight | Ollit Ol | Tolerance | | PPM |
|-------|-----------------|-------|------------------|----------|------------|-------|----------|-------------------------|------------|----|---------------------------|-------------|--------|----------|----------|-----------|---|---------|
| | Name | | Material | Weight | Measure | | Levei | Substance Category | | | Jubstance | UA3 | Exempt | weight | Measure | - | + | |
| +1 -1 | XRA10FF30SES Re | +M -M | Thick Film Resis | 0.00028 | 5 g | +C -C | Supplier | Ruthenium(IV) dioxid | +S | -S | Ruthenium(IV) dioxide (| 12036-10-1 | | 0.000141 | g | | , | 493,60 |
| | | _ | | | | +C -C | Supplier | Boron Oxide (BO) | +S | -S | Boron Oxide (BO) | 1303-86-2 | | 0.000038 | g | | | 134,60 |
| | | | | | | +C -C | Supplier | Magnesium Oxide (M | +S | -s | Magnesium Oxide (MgO | 1309-48-4 | | 0.000027 | g | | | 96,200 |
| | | | | | | +C -C | Supplier | Zinc oxide (ZnO) | +S | -s | Zinc oxide (ZnO) | 1314-13-2 | | 0.000025 | g | | | 89,700 |
| | | | | | | +C -C | Supplier | Aluminum Oxide (Al2 | +S | -s | Aluminum Oxide (Al2O3 | 1344-28-1 | | 0.000038 | g | | | 134,60 |
| | | | | | | +C -C | Supplier | Silicon Dioxide (SiO2 | +S | -S | Silicon Dioxide (SiO2) | 14808-60-7 | | 0.000014 | g | | , | 51,300 |
| | | +M -M | Conductor | 0.00084 | 9 g | +C -C | Supplier | Silver (Ag) | +S | -S | Silver (Ag) | 7440-22-4 | | 0.000773 | g | | ! | 910,00 |
| | | | - | | | +C -C | Supplier | Titanium (Ti) | +S | -S | Titanium (Ti) | 7440-32-6 | | 0.000063 | g | | | 75,000 |
| | | | | | | +C -C | Supplier | Cobalt (Co) | +S | -S | Cobalt (Co) | 7440-48-4 | | 0.000012 | g | | | 15,000 |
| | | +M -M | Substrate | 0.003954 | 4 g | +C -C | Supplier | Yttrium (III) oxide (Y2 | +S | -S | Yttrium (III) oxide (Y2O3 | 1314-36-9 | | 0.000197 | g | | ; | 50,000 |
| | | | | | | +C -C | Supplier | Aluminum Nitride (AL | +S | -S | Aluminum Nitride (ALN | 24304-00-5 | | 0.003757 | g | | | 950,00 |
| | | +M -M | Nickel Plating | 0.00013 | 8 g | +C -C | A | Lead (Pb) | +S | -S | Lead (Pb) | 7439-92-1 | | 0.000000 | g | | | 500 |
| | | | | | | +C -C | В | Nickel (Ni) | + S | -S | Nickel (Ni) | 7440-02-0 | | 0.000138 | g | | | 999,50 |
| | | +M -M | Tin Plating | 0.00004 | 3 g | +C -C | Supplier | Tin (Sn) | +S | -S | Tin (Sn) | 7440-31-5 | | 0.000043 | g | | | 1,000,0 |
| | | +M -M | Part Marking Ink | 0.000014 | l g | +C -C | Supplier | Titanium dioxide (TiO | +S | -S | Titanium dioxide (TiO2) | 13463-67-7 | | 0.000012 | g | | | 857,10 |
| | | | | | | +C -C | Supplier | Silica amorphous (Si | +S | -S | Silica amorphous (SiO2 | 7631-86-9 | | 0.000002 | g | | | 142,90 |
| | | +M -M | Protective Glaze | 0.00032 | s g | +C -C | Supplier | Molybdenum (Mo) | +S | -S | Molybdenum (Mo) | 7439-98-7 | | 0.000131 | g | | | 400,00 |
| | | | | | | +C -C | Supplier | Cobalt (Co) | +S | -S | Cobalt (Co) | 7440-48-4 | | 0.000098 | g | | | 300,00 |
| | | | | | | +C -C | Supplier | *Proprietary Blue Pig | +S | -s | *Proprietary Blue Pigme | Proprietary | | 0.000065 | g | | | 200,00 |
| | | | | | | +C -C | Supplier | *Proprietary Metal Co | +S | -s | *Proprietary Metal Com | Proprietary | | 0.000032 | g | | | 100,00 |