| _ AS                        |   | Material Compo<br>© Copyright 2005. IPC, Banno<br>ooth international and Pan-Amer | ckburn, Illinois. | All rights reserve       | ion with lower   | level p                  | arts, the         | declaration | n encompas          |                      | r level mater | ials for         | which the    | item is an assembly manufacturer has eclaration. |  |
|-----------------------------|---|---|-------------------|--------------------------|------------------|--------------------------|-------------------|-------------|---------------------|----------------------|---------------|------------------|--------------|--|--|
|                             | IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/IPC-175x |   |                   |                          |                  |                          | n Type *          |             | Declaration Class * |                      |               |                  |              |  |  |
| Sup                         | pplier Information  |   |                   |                          |                  |                          |                   |             |                     |                      |               |                  |              |  |  |
| Company Name *              |   | Company Unique ID   | )                 | Unique ID Authority      |                  | Response Date *          |                   | *           | Res                 | Response Document ID |               |                  |              |  |  |
| Contact Name *              |   | Title - Contact   |                   | Phone - Contact *        |                  | Email                    | Email - Contact * |             |                     |                      |               |                  |              |  |  |
| Authorized Representative * |   | e * Title - Representativ   | е                 | Phone - Representative * |                  | Email - Representative * |                   |             | * Sup               | plier Comme          | ents or URL   | for Add          | ditional Inf | ormation   |  |
|                             | Requester Item Number   | Mfr Item Number   |                   | Mfr Item Name            |                  | Effective Date Ve        |                   | Version     | Manufacturing Site  |                      | Weight *      |                  | OM           | Unit Type  |  |
|                             | Alternate Recommendat   | Alternate Recommendation  |                   |                          |                  |                          | Alternate Item C  |             |                     | Comments             |               |                  |              |  |  |
| Ма                          | nufacturing Process   | s Information   |                   |                          |                  |                          |                   |             |                     |                      |               |                  |              |  |  |
| Terr                        | ninal Plating / Grid Array M  | laterial  | Terminal Ba       | se Alloy                 | J-STD-020 MSL Ra | ting                     | Peak Proc         | ess Body    | Temperature<br>C    | Max Time a           | ·             | erature<br>conds | Number o     | f Reflow Cycles                                  |  |
| Con                         | nments  |   | 1                 |                          |                  |                          |                   |             |                     | •                    |               |                  |              |  |  |

| Save the fields i this form to a file |  |   |                                  |  |  |  |  |  |
|---------------------------------------|--|---|----------------------------------|--|--|--|--|--|
| RoHS Materia                          | l Composition Declaration  | Declaration Type  | k                                |  |  |  |  |  |
|                                       | <b>RoHS Definition:</b> Quantity limit of 0.1% by mass (1000 PPM) in homogened Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass       | •                                 | ominated Biphenyls (PBB),        |  |  |  |  |  |
|                                       |  |   |                                  |  |  |  |  |  |
|                                       |  |   |                                  |  |  |  |  |  |
|                                       |  |   |                                  |  |  |  |  |  |
|                                       |  |   |                                  |  |  |  |  |  |
| RoHS Declaration                      | on *   | Supplier Acceptance *   |                                  |  |  |  |  |  |
| •                                     | e declared item does not contain RoHS restricted substances per the definition about all applicable exemptions.  | ve except for defined RoHS exemptions, then select the corresponding re | esponse in the RoHS Declaration  |  |  |  |  |  |
| Declaration S                         | ignature   |   |                                  |  |  |  |  |  |
|                                       | omplete all of the required fields on all pages of this form. Select the "Acce<br>f required by the Requester) and click on Submit Form to have the form retur |   | e signature area. Digitally sigr |  |  |  |  |  |
| Supplier Digital S                    | 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 We  | Weight                         | Unit of                               |   | Level                                     | Substance Category                    |   | Substance   | CAS  | Exemp  | Weight   | Unit of  | Tolerance  |  | PPM |
|--------------|-----------------|-----------------|--------------------------------|---------------------------------------|---|---|---------------------------------------|---|---|--|--|--|--|--|--|-----|
| ame          |                 | Material        | Weight                         | Measure                               |   | 20701                                     | Capatanec category                    |   |   |  | ZXOIIIPE   | rroigin  | Measure  | -  | +  |     |
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| enal         | n/Subitem<br>me | n/Subitem<br>me | m/SubItem Homogeneous Material | m/SubItem Homogeneous Material Weight | Material Homogeneous Meight Measure Material Weight Measure | m/SubItem Material Weight Unit of Measure | Material Weight Unit of Measure Level | Material Weight Weight Level Substance Category  Level Substance Category | Material Weight Unit of Measure Level Substance Category Level Substance Category | Material Weight Unit of Measure Level Substance Category Substance | Material Weight Unit of Measure Level Substance Category Substance CAS  Level Substance Category Substance CAS  Level Substance Category Substance CAS | Material Weight Measure Level Substance Category Substance CAS Exempt Level Substance CAS Exempt Level Substance Category Substance CAS Exempt Level Substance CAS Exempt Level Substance Category Substance Category Substance Category Substance Category Substance Category Substance CAS Exempt Level Substance Category Substance Category Substance CAS Exempt Level Substance Category Substance CAS Exempt Level Substance Category Substance Category Substance CAS Exempt Level Substance Category Substance Cate | Material Homogeneous Material Weight Material Level Substance Category Substance CAS Exempt Weight Level Substance Category Substance Cate | Material Weight Unit of Measure Material Weight Unit of Measure Substance Category Substance CAS Exempt Weight Unit of Measure Measure CAS Exempt Weight Unit of Measure CAS Exe | Moderna Material Weight Measure Level Substance Category Substance CAS Exempt Weight Measure |     |