| AS   | PC<br>SOCIATION CONNECTING<br>ECTRONICS INDUSTRIES® | © Co  | terial Compo<br>pyright 2005. IPC, Bannoo<br>nternational and Pan-Ameri | tion with lower | s document is a declaration of the substances within the manufacturer listed item. Note: if the item is an assem<br>i lower level parts, the declaration encompasses all lower level materials for which the manufacturer h<br>ineering responsibility.<br>Adobe Reader version 7.0.5 is required to complete this declaration. |       |                        |                                 |                |                      |             |                  |          |                 |           |
|--|---|-------|---|-----------------|---|-------|------------------------|---------------------------------|----------------|----------------------|-------------|------------------|----------|-----------------|-----------|
| IPC Web Site for Information on IPC-1752 Standard<br>http://www.ipc.org/IPC-175x |   |       |   |                 |   | ard   | Form                   | Form Type * Declaration Class * |                |                      |             |                  |          |                 |           |
| Supplier Information   |   |       |   |                 |   |       |                        |                                 |                |                      |             |                  |          |                 |           |
| Company Name *   |   |       | Company Unique ID   |                 | Unique ID Authority   |       | Response Date *        |                                 | Re             | Response Document ID |             |                  |          |                 |           |
| Contact Name*  |   |       | Title - Contact   |                 | Phone - Contact *   |       | Email - Contact *      |                                 |                |                      |             |                  |          |                 |           |
| Authorized Representative  |   | ive * | Title - Representative  |                 | Phone - Representative *  |       | Email- Representative* |                                 |                | Su                   | oplier Comm | ents or URL      | for Add  | itional In      | formation |
| Requester Item Number  |   | er    | Mfr Item Number   |                 | Mfr Item Name   |       | Effectiv               | e Date                          | Version        | Manufactu            | ring Site   | ng Site Weight * |          | М               | Unit Type |
|  | Alternate Recommendation                            |       |   |                 |   |       |                        | Alternate Item Comr             |                | nents                |             |                  |          |                 |           |
| Manufacturing Process Information  |   |       |   |                 |   |       |                        |                                 |                |                      |             |                  |          |                 |           |
| Terminal Plating / Grid Array Material   |   |       | Terminal B  | ase Alloy       | J-STD-020 MSL Ra  | ating | Peak Proc              | ess Body                        | Temperatu<br>C | e Max Time :         |             | erature<br>conds | Number c | f Reflow Cycles |           |
| Con  | Comments  |       |   |                 |   |       |                        |                                 |                |                      |             |                  |          |                 |           |

| Save the fields in this form to a file  |  | Import fields from a file into this form |  |  |                       | Locked |  |  |  |  |  |
|---|--|--|--|--|-----------------------|--------|--|--|--|--|--|
| <b>RoHS Material Con</b>  | mposition Declaration                              | n  |  |  | Declaration Type *    |        |  |  |  |  |  |
|   | valent Chromium, Polybrominate<br>rial for Cadmium | ed Biphenyls                             |  |  |                       |        |  |  |  |  |  |
|   |  |  |  |  |                       |        |  |  |  |  |  |
|   |  |  |  |  |                       |        |  |  |  |  |  |
|   |  |  |  |  |                       |        |  |  |  |  |  |
|   |  |  |  |  |                       |        |  |  |  |  |  |
| <b>RoHS Declaration *</b>   |  |  |  |  | Supplier Acceptance * |        |  |  |  |  |  |
| Exemptions: If the declared item does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and choose all applicable exemptions.  |  |  |  |  |                       |        |  |  |  |  |  |
| Declaration Signa   | ature  |  |  |  |                       |        |  |  |  |  |  |
| 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 Signat   | ature  |  |  |  |                       |        |  |  |  |  |  |

## 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<br>Material | Weight | Unit of<br>Measure | Level | Substance Category | Substance | CAS | Exempt | Weight | Unit of<br>Measure | Tolerance |   | РРМ |
|--------------|-------------------------|--------|--------------------|-------|--------------------|-----------|-----|--------|--------|--------------------|-----------|---|-----|
| Name         |                         |        |                    |       |                    |           |     |        |        |                    | -         | + |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        | 1                  |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   |     |
|              |                         |        |                    |       |                    |           |     |        |        |                    |           |   | ·   |