

# Material Data Declaration Sheet

|                      |                      |   |  |
|----------------------|----------------------|---|--|
| ECS Part Number      | ECS-MPI4040R1-R      |   |  |
| Product Description  | Metal Power Inductor |   |  |
| Product Revision     |                      |   |  |
| Product Total Weight | 0.12g/pcs            |   |  |
| Contact Information  | Company              | ECS INC INTERNATIONAL                         |  |
|                      | Contact Name         | AJ Anderson                                   |  |
|                      | Address              | 15351 W. 109th Street<br>Lenexa, Kansas 66219 |  |
|                      | Phone Number         | 913-782-7787                                  |  |



| Homogenous Component/Subcomponent | Homogenous Component/Subcomponent Weight (g) | Substance                                 | CAS number   | Substance Weight (g) | PPM Level (If Available) (Substance Weight/Total Homogenous Component or Subcomponent Weight*1000000) | Remark      |
|-----------------------------------|--|---|--------------|----------------------|---|-------------|
| Magnetic Sheet                    | 0.08885                                      | Iron-Fe                                   | 7439-89-6    | 0.07985              | 665417  |             |
|                                   |  | Silicone-Si                               | 7440-21-3    | 0.00900              | 75000   |             |
| Cu Wire                           | 0.02400                                      | Copper-Cu                                 | 7440-50-8    | 0.01920              | 160000  |             |
|                                   |  | Polyamide Resin                           | Trade Secret | 0.00480              | 40000   | Proprietary |
| Electrode                         | 0.00180                                      | Copper-Cu                                 | 7440-50-8    | 0.00120              | 10000   |             |
|                                   |  | Nickel-Ni                                 | 7440-02-0    | 0.00012              | 1000  |             |
|                                   |  | Tin-Sn                                    | 7440-31-5    | 0.00048              | 4000  |             |
| Epoxy Ink                         | 0.00420                                      | Epoxy Acrylate Oligomer                   | Trade Secret | 0.00168              | 14000   | Proprietary |
|                                   |  | Pigment                                   | 1333-86-4    | 0.00004              | 333   |             |
|                                   |  | Inorganic Fillers                         | 7727-43-7    | 0.00059              | 4917  |             |
|                                   |  | Diethylene Glycol Monoethyl Ether Acetate | 112-15-2     | 0.00084              | 7000  |             |
|                                   |  | Epoxy Resin                               | Trade Secret | 0.00063              | 5250  | Proprietary |
|                                   |  | Acrylate Resin                            | Various      | 0.00021              | 1750  |             |
| White Ink (Surface Marking)       | 0.00115                                      | Solvent Naphtha                           | 64742-94-5   | 0.00021              | 1750  |             |
|                                   |  | Acrylate Oligomer                         | Trade Secret | 0.00029              | 2417  | Proprietary |
|                                   |  | Epoxy Resin                               | Trade Secret | 0.00012              | 1000  | Proprietary |
|                                   |  | Acrylate Resin                            | Various      | 0.00006              | 500   |             |
|                                   |  | Pigment                                   | 13463-67-7   | 0.00023              | 1917  |             |
|                                   |  | Inorganic Fillers                         | 7727-43-7    | 0.00017              | 1417  |             |
|                                   |  | Ether Glycol Acetate Solvent              | 112-15-2     | 0.00017              | 1417  |             |
| Solvent Naphtha                   | 64742-94-5                                   | 0.00011                                   | 917          |                      |   |             |