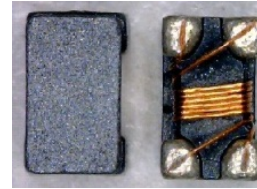


MATERIAL DECLARATION SHEET



| | | | |
|-----------------|------------------------|-----|---------|
| Material Number | SRF2012A Series | | |
| Product Line | Common Mode Choke Coil | | |
| Compliance Date | 2016/06/27 | | |
| RoHS Compliant | Yes | MSL | Level 1 |



| No. | Construction Element(subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|--------------|-------------------------------|--|---------------------|----------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | Ferrite body | Ferrite Ni-Zn Series | 0.009933 | Iron oxide | 1309-37-1 | 62.000 | 47.740 | 77.00 |
| | | | | Nickel oxide | 1313-99-1 | 11.000 | 8.470 | |
| | | | | Zinc oxide | 1314-13-2 | 20.000 | 15.400 | |
| | | | | Copper oxide | 1317-38-0 | 7.000 | 5.390 | |
| 2 | Copper/ Coating | Copper Wire | 0.001548 | Copper | 7440-50-8 | 100.000 | 12.000 | 15.00 |
| | | Copper Colored Coating On The Magnet Wire_SFHW | 0.000387 | Polyurethane Resin | 26680-22-8 | 100.000 | 3.000 | |
| 3 | Terminal | Silver paste_DP4303W | 0.000387 | Silver | 7440-22-4 | 100.000 | 3.000 | 3.00 |
| 4 | Solder Base | Nickel | 0.000129 | Nickel | 7440-02-0 | 100.000 | 1.000 | 1.00 |
| 5 | Solder | Lead Free Solder | 0.000129 | Tin | 7440-31-5 | 100.000 | 1.000 | 1.00 |
| 6 | Adhesive | EPOXY_ME-5890LC | 0.000387 | Epoxy resin | 61788-97-4 | 50.000 | 1.500 | 3.00 |
| | | | | Acrylated Aliphatic Urethane | 68987-79-1 | 4.000 | 0.120 | |
| | | | | Calcium Carbonate | 1317-65-3 | 46.000 | 1.380 | |
| Total weight | | | 0.0129 | | | | | |

This Document was updated on: 2016/06/27

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.