


MATERIAL DECLARATION SHEET



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|----------------|-----------------|---|
| Material # | 4120R-LF Series |  |
| Product Line | Networks | |
| Date | 05/11/2005 | |
| RoHS Compliant | Yes | |

| No. | Construction Element | Material Group | Material Weight [g] | Materials | CAS if applicable | Average Mass [%] | Sum [%] |
|-----|----------------------|--------------------------------------|---------------------|----------------------------|-------------------|------------------|---------|
| 1 | Element | Ceramic Conductor Ink Glaze | 0.2735 | Alumina | 1344-28-1 | 15.74 | 16.13 |
| | | | 0.0012 | Silver | 7440-22-4 | 0.07 | |
| | | | 0.0008 | Ruthenium (IV) Oxide | 12036-10-1 | 0.04 | |
| | | | 0.0003 | Silver | 7440-22-4 | 0.02 | |
| | | | 0.0002 | Palladium | 7440-05-3 | 0.01 | |
| | | | 0.0004 | Diboron Trioxide | 1303-86-2 | 0.03 | |
| | | | 0.0023 | Lead Monoxide | 1317-36-8 | 0.13 | |
| | | | 0.0013 | Silicon Dioxide | 7631-86-9 | 0.08 | |
| 2 | Terminal Pins | Copper Plating | 0.3929 | Copper | 7440-50-8 | 22.61 | 22.71 |
| | | | 0.0017 | Tin | 7440-31-5 | 0.10 | |
| 3 | Termination | Solder | 0.0029 | Tin | 7440-31-5 | 0.16 | 1.64 |
| | | | 0.0251 | Lead | 7439-92-1 | 1.45 | |
| | | | 0.0006 | Silver | 7440-22-4 | 0.03 | |
| 4 | Body | Plastic | 0.7201 | Silica, Vitreous | 60676-86-0 | 41.45 | 59.51 |
| | | | 0.1749 | Epoxy Cresol Novalic Resin | 29690-82-2 | 10.07 | |
| | | | 0.0720 | Phenolic Resin | 9003-35-4 | 4.15 | |
| | | | 0.0257 | Antimony Oxide | 1309-64-4 | 1.48 | |
| | | | 0.0411 | TBBPA | 79-94-7 | 2.37 | |
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| | | Total Weight | 1.7373 | | | | |