

MATERIAL DECLARATION SHEET



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|-----------------|-------------------|-----|---|--|
| Material Number | 7814 (023 Series) | | | |
| Product Line | Trimmer | | | |
| Compliance Date | 4-11-2005 | | | |
| RoHS Compliant | Yes DC 514 | MSL | 1 | |

| No. | Construction Element (Subpart) | Homogeneous Material | Material Weight (g) | Homogeneous Material | CASRN | Material Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|--------|--------------------------------|----------------------|---------------------|------------------------|------------|-----------------|-----------------------------------|-------------------------------|
| | | | | Substance | | | | |
| 1 | Contact Spring | Ni/Ag | 0.00158 | Nickel | 7440-02-0 | 18 | 0.2039 | 1.13 |
| | | | | Copper | 7440-50-8 | 65 | 0.7363 | |
| | | | | Zinc | 7440-66-6 | 17 | 0.1926 | |
| 2 | Housing | LCP | 0.0349 | Liquid Crystal Polymer | 70679-92-4 | 60 | 15.0129 | 25.02 |
| | | | | Glass fiber | 65997-17-3 | 40 | 10.0086 | |
| 3 | Rotor | LCP | 0.0171 | Liquid Crystal Polymer | 70679-92-4 | 60 | 7.3559 | 12.26 |
| | | | | Glass fiber | 65997-17-3 | 40 | 4.9039 | |
| 4 | O - Ring | Rubber | 0.0016 | Silicone | 63394-02-5 | 100 | 1.1471 | 1.15 |
| 5 | Lid | Stainless Steel | 0.0228 | Iron | 7439-89-6 | 72.85 | 11.9084 | 16.35 |
| | | | | Chromium | 7440-47-3 | 17 | 2.7789 | |
| | | | | Nickel | 7440-02-0 | 5 | 0.8173 | |
| | | | | Manganese | 7439-96-5 | 2 | 0.3269 | |
| | | | | Silica | 7440-21-3 | 1 | 0.1635 | |
| | | | | Carbon | 7440-44-0 | 0.15 | 0.0245 | |
| | | | | Phosphorus | 7723-14-0 | 1 | 0.1635 | |
| Sulfur | 7704-34-9 | 1 | 0.1635 | | | | | |
| 6 | Substrate | Ceramic | 0.0498 | Aluminum oxide | 1344-28-1 | 96 | 34.2759 | 35.70 |
| | | | | Silicon dioxide | 7631-86-9 | 2 | 0.7141 | |
| | | | | Magnesium oxide | 1309-48-4 | 1 | 0.3570 | |
| | | | | Calcium oxide | 1305-78-8 | 1 | 0.3570 | |

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|--------------|-----------------|--------|---------|----------------------|------------|------|--------|------|
| 7 | Termination Ink | Ink | 0.0001 | Silver | 7440-22-4 | 93 | 0.0669 | 0.07 |
| | | | | Palladium | 7440-05-3 | 3.1 | 0.0022 | |
| | | | | Copper Oxide | 1317-39-1 | 1.2 | 0.0009 | |
| | | | | Bismuth Trioxide | 1304-76-3 | 2.4 | 0.0017 | |
| 8 | Dielectric Ink | Ink | 0.002 | Diallyl Isophthalate | 1087-21-4 | 71.0 | 1.0181 | 1.43 |
| | | | | Barium sulfate | 7727-43-7 | 28.0 | 0.4015 | |
| | | | | Pigment | 84632-65-5 | 1.0 | 0.0143 | |
| 9 | Terminals | Copper | 0.0096 | Copper | 7440-50-8 | 95 | 6.536 | 6.88 |
| | | | | Tin Plating | 7440-31-5 | 5 | 0.344 | |
| Total Weight | | | 0.13948 | | | | | |

This Document was updated on: 11-16-2011

Important remarks:

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