


MATERIAL DATA SHEET



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|----------------|----------------------------|---|
| Material # | 3386 series |  |
| Product Line | Trimmer | |
| Date | 2/17/2005 | |
| RoHS compliant | Yes (March 1, 2005) DC 509 | |

| No. | Construction element | Material group | Material weight [g] | Materials | CAS if applicable | Average mass [%] | Sum [%] |
|-----|----------------------|----------------|----------------------------|---|-------------------|------------------|---------|
| 1 | Contact Spring | Ni/Ag | 0.0008 0.0034 0.0017 | Nickel | 7440-02-0 | 0.103 | 0.757 |
| | | | | Copper | 7440-50-8 | 0.436 | |
| | | | | Zinc | 7440-66-6 | 0.218 | |
| 2 | Housing | PBT | 0.333 | Poly(Butylene terephthalate) | 30965-26-5 | 42.72 | 42.72 |
| 3 | Rotor | PBT | 0.073 | Poly(Butylene terephthalate) | 30965-26-5 | 9.36 | 9.36 |
| 4 | Potting | Epoxy | 0.090 0.002 | DGEBA(Diglycidyl Ether Bisphenol A Epoxy) | 25068-38-6 | 11.55 | 11.81 |
| | | | | Antimony Trioxide (flame retardant) | 1309-64-4 | 0.257 | |
| 5 | O-ring | Rubber | 0.005 | Silicone | | 0.641 | 0.641 |
| 6 | Element | Ceramic | 0.144 | Alumina | 1344-28-1 | 18.47 | 18.47 |
| 7 | Resistor/Conductor | Ink | 0.0076 0.001 0.001 | Silver | 7440-22-4 | 0.975 | 1.018 |
| | | | | Lead Oxide | 1317-36-8 | 0.029 | |
| | | | | Other | | 0.014 | |
| 8 | Pins | Copper | 0.113 | Copper | 7440-50-8 | 14.49 | 14.49 |
| 9 | Coating** | Solder | 0.003 0.001 | Tin | 7440-31-5 | 0.384 | 0.422 |
| | | | | Lead | 7439-92-1 | 0.038 | |
| | | | Total weight | 0.7795 | | | |

** product is available with a lead free terminal. Add LF to part number as a suffix, terminals will be 100% matte tin.

Standard part example: 3386P-1-103

RoHS compliant example: 3386P-1-103LF