


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|-------------|-----|--|---|
| Material Number | 3005 series | | |  |
| Product Line | Trimmer | | | |
| Compliance Date | 3-9-2011 | | | |
| RoHS Compliant | Yes DC 509 | MSL | | |

| 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 | Beryllium Copper with gold plating | 0.00896 | Beryllium | 7440-41-7 | 1.8 | 0.0127 | 0.69 |
| | | | | Copper | 7440-50-8 | 97.59 | 0.6907 | |
| | | | | Cobalt + Nickel + Iron | 7440-48-4 7440-02-0 7439-89-6 | 0.6 | 0.0042 | |
| | | | | Lead | 7439-92-1 | 0.02 | 0.0001 | |
| | | | | Gold Plating | 7440-57-5 | 0.01 | 0.0001 | |
| 2 | Housing | PBT | 0.483 | Polybutylene terephthalate | 30965-26-5 | 55 | 20.9834 | 37.05 |
| | | | | Glass fiber | 65997-17-3 | 30 | 11.4455 | |
| | | | | Antimony trioxide | 1309-64-4 | 4 | 1.5261 | |
| | | | | Brominated FR (TBBPA polycarbonate polymer) | trade secret | 11 | 4.1967 | |
| 3 | Shaft | Nickel plated Brass | 0.238 | Copper | 7440-50-8 | 70 | 13.1596 | 18.26 |
| | | | | Zinc | 7440-66-6 | 30 | 5.6398 | |
| | | | | Nickel Plating | 7440-02-0 | 100 | 18.7994 | |
| 4 | Mandrel + Wire | Metal | 0.252 | Copper | 7440-50-8 | 50 | 9.9526 | 19.33 |
| | | | | Nickel | 7440-02-0 | 50 | 9.9526 | |
| 5 | Collector Bar | Phosphor Bronze | 0.114 | Phosphorus | 7723-14-0 | 0.2 | 0.0180 | 8.74 |
| | | | | Tin | 7440-31-5 | 5 | 0.4502 | |
| | | | | Copper | 7440-50-8 | 94.78 | 8.5347 | |
| | | | | Palladium | 7440-05-3 | 0.02 | 0.0018 | |

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|---|-----------|---------------|---------|---|--------------|-----|--------|------|
| 6 | Potting | Epoxy | 0.1274 | Epoxy resin | 25085-99-8 | 49 | 4.9310 | 9.77 |
| | | | | Antimony trioxide | 1309-64-4 | 11 | 1.1070 | |
| | | | | Silicon dioxide | 7440-21-3 | 11 | 1.1070 | |
| | | | | Aluminum oxide | 1344-28-1 | 11 | 1.1070 | |
| | | | | Kaolin clay | 1332-58-7 | 9 | 0.9057 | |
| | | | | Magnesium alumino silicate | 1302-88-1 | 9 | 0.9057 | |
| 7 | Post | Nylon | 0.00533 | Polyamide 66 | 32131-17-2 | 70 | 0.2947 | 0.41 |
| | | | | Glass fiber | 65997-17-3 | 30 | 0.1263 | |
| 8 | Terminals | Nickel Silver | 0.032 | Nickel | 7440-02-0 | 55 | 1.3902 | 2.45 |
| | | | | Copper | 7440-50-8 | 18 | 0.4550 | |
| | | | | Zinc | 7440-66-6 | 27 | 0.6825 | |
| | | | | Tin Plating | 7440-31-5 | 100 | 2.5276 | |
| 9 | Body Mold | Nylon | 0.043 | Polybutylene terephthalate | 30965-26-5 | 64 | 2.1738 | 3.30 |
| | | | | Glass fiber | 65997-17-3 | 18 | 0.6114 | |
| | | | | Antimony trioxide | 1309-64-4 | 4 | 0.1359 | |
| | | | | Brominated FR (TBBPA polycarbonate polymer) | trade secret | 13 | 0.4415 | |
| | | | | Carbon black | 1333-86-4 | 1 | 0.0340 | |
| | | Total Weight | 1.304 | | | | | |

This Document was updated on: 6-10-2011

Important remarks:

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