

Model 43LF BOM-style material declaration. BI Technologies Corporation

8/19/2010

No content here is banned per E.U. R.o.H.S.. Average mass of 43LF trimmer is 0.1 gram each.

Weights above 1 milligram rounded to the nearest mg. Values less than 1 milligram given in scientific notation.

| Sub-component | Material | % of total mass | Substance name | CAS # | Substance Weight (grams) | Special classification |
|--------------------|---------------|-----------------|--|------------|--------------------------|--|
| Housing | PA | 41.9% | Nylon | 32131-17-2 | 0.044 | |
| Rotor | PPA | 4.8% | polyphthalamide | unknown | 0.005 | |
| Contact | "Ni-Ag" alloy | 1.0% | Ni | 7440-02-0 | trace | |
| | | | Cu | 7440-50-8 | 0.001 | |
| | | | Zn | 7440-66-6 | trace | |
| Terminals | Copper | 10.5% | Cu | 7440-50-8 | 0.011 | |
| | Tin plating | 1.0% | Sn | 7440-31-5 | 0.001 | |
| Potting | Epoxy | 11.4% | diglycidyl ether bisphenol A (DGEBA) epoxy | 25068-3-6 | 0.012 | contains BPA |
| | | | antimony trioxide | 1309-64-4 | trace | fire retardant |
| Shaft | Brass | 10.5% | Brass (Ni plated) | unknown | 0.011 | Pb in copper alloy (RoHS exempt) |
| Substrate | Ceramic | 18.5% | alumina | 1344-28-1 | 0.019 | |
| Thick film element | Cermet | 0.6% | Ag | 7440-22-4 | 0.0006 | |
| | | | PbO | 1317-36-8 | trace | Pb in electronic ceramic (RoHS exempt) |
| | | | trade secret | unknown | trace | non-hazardous |