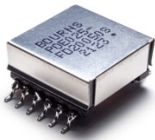


MATERIAL DECLARATION SHEET



| | | | | |
|-----------------|-----------------|-----|---|---|
| Material Number | POE050-FD25120S | | |  |
| Product Line | Transformer | | | |
| Compliance Date | 2021/1/5 | | | |
| RoHS Compliant | Yes | MSL | 1 | |

| No. | Construction Element(subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ Substances | CASRN if applicable | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|---------------------|------------------------------------|---------------------|------------------|-----------------------------------|-------------------------------|
| 1 | BOBBIN | PM-9630(JT BLACK) | 4.472 | Phenolic Resin | 9003-35-4 | 40.9% | 7.190 | 17.58% |
| | | | | Aluminum Silicate | 92704-41-1 | 5.1% | 0.897 | |
| | | | | Glass Fiber | 65997-17-3 | 51.0% | 8.966 | |
| | | | | Carbon Black | 1333-86-4 | 2.0% | 0.352 | |
| | | | | Zinc Stearate | 557-05-1 | 1.0% | 0.176 | |
| 2 | WIRE | UEW-F(NY) | 3.18 | Copper | 7440-50-8 | 80% | 10.016 | 12.50% |
| | | | | Modified Polyurethane | 26680-22-8 | 20% | 2.504 | |
| 3 | WIRE | UEWH | 2.4 | Copper | 7440-50-8 | 98% | 9.245 | 9.43% |
| | | | | Polyurethane | 68400-69-9 | 2% | 0.189 | |
| 4 | TAPE | 1350F-2 Yellow color | 0.2 | Aluminum tris (2,4-Pentanedionato) | 13963-57-0 | 35.6% | 0.281 | 0.79% |
| | | | | Decabromophenyl-ethane | 84852-53-9 | 29.9% | 0.236 | |
| | | | | Titanium dioxide | 13463-67-7 | 23.0% | 0.182 | |
| | | | | Yellow pigment 155 | 68516-73-4 | 6.9% | 0.055 | |
| | | | | Antimony trioxide | 1309-64-4 | 4.6% | 0.036 | |
| 5 | TAPE | 1218 | 0.2 | Acrylic polymer | 9017-68-9 | 60% | 0.474 | 0.79% |

MATERIAL DECLARATION SHEET



| | | | | | | | | |
|----|----------|--------|-------|----------------------|--------------|--------|--------|--------|
| | | | | Polyamide film | 62929-02-6 | 40% | 0.316 | |
| 6 | CORE | P47 | 7.84 | Iron oxide | 1309-37-1 | 72% | 22.190 | 30.82% |
| | | | | Manganese oxide | 1317-35-7 | 22% | 6.780 | |
| | | | | Zinc oxide | 1314-13-2 | 6% | 1.849 | |
| | | | | Epoxy resin | 25036-25-3 | 67.4% | 0.795 | |
| 7 | GLUE | S-9001 | 0.3 | Alkyl glycidyl ether | 68609-97-2 | 2.3% | 0.027 | 1.18% |
| | | | | Carbon black | 1333-86-4 | 5.6% | 0.066 | |
| | | | | Silicon dioxide | 7631-86-9 | 24.7% | 0.292 | |
| | | | | Carbon | 7440-44-0 | 0.15% | 0.035 | |
| 8 | CLIP | SUS301 | 5.96 | Manganese | 7439-96-5 | 2% | 0.469 | 23.43% |
| | | | | Silicon | 7440-21-3 | 1% | 0.234 | |
| | | | | Chromium | 7440-47-3 | 18% | 4.217 | |
| | | | | Nickel | 7440-02-0 | 8% | 1.874 | |
| | | | | Phosphorous | 7723-14-0 | 0.045% | 0.011 | |
| | | | | Sulfur | 7704-34-9 | 0.03% | 0.007 | |
| | | | | Iron | 07439-89-6 | 70.77% | 16.580 | |
| | | | | Tin | 7440-31-5 | 99.3% | 1.172 | |
| 9 | SOLDER | M20 | 0.3 | Copper | 7440-50-8 | 0.7% | 0.008 | 1.18% |
| | | | | Copper | 7440-50-8 | 88.8% | 2.052 | |
| 10 | TERMINAL | C5191 | 0.588 | Nickel | 7440-02-0 | 1% | 0.023 | 2.30% |
| | | | | Tin | 7440-31-5 | 10% | 0.230 | |
| | | | | Phosphorous | 7723-14-0 | 0.2% | 0.005 | |
| | | | | | | | | |
| | | | | Total weight | 25.44 | | | |

This Document was updated on: 2021/1/5