

MATERIAL DECLARATION SHEET



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|-----------------|--|-----|---|
| Material Number | PLN060-ER20033S PLN060-ER20050S PLN060-ER20120S PLN060-ER20240S | | |
| Product Line | TRANSFORMER | | |
| Compliance Date | 2023.9.25 | | |
| RoHS Compliant | Yes | MSL | 1 |



| No. | Construction Element(subpart) | Homogeneous Material | Material weight [g] | Homogeneous Material\ | CASRN | Materials Mass % | Material Mass % of total unit wt. | Subpart mass of total wt. (%) |
|-----|-------------------------------|----------------------|---------------------|------------------------------|--------------------------|------------------|-----------------------------------|-------------------------------|
| | | | | Substances | if applicable | | | |
| 1 | Core | Ferrite core | 7.33 | iron oxide | 1309-37-1 | 70 | 49.38402 | 70.54860 |
| | | | | Zinc Oxide | 1314-13-2 | 7 | 4.93840 | |
| | | | | manganous-manganic oxide | 1317-35-7 | 23 | 16.22618 | |
| 2 | PCB | FR-4 | 2.96 | Glass Fiber | 65997-17-3 | 40 | 11.39557 | 28.48893 |
| | | | | Copper Foil | 7440-50-8 | 40 | 11.39557 | |
| | | | | Brominated Epoxy Resin | 26265-08-7 | 10 | 2.84889 | |
| | | | | Inorganic filler | Confidential information | 10 | 2.84889 | |
| 3 | Epoxy | Epoxy Resins | 0.1 | Multifunctional epoxy Resins | 142675-09-0 | 29 | 0.43311 | 0.43311 |
| | | | | Carbonyl iron powder | 7439-89-6 | 70 | 0.32724 | 0.32724 |
| | | | | carbon black | 1333-86-4 | 1 | 0.01925 | |
| | | Total weight(g) | 10.39 | | | | | |