

# MATERIAL DECLARATION SHEET



|                 |              |     |     |                                                                                     |
|-----------------|--------------|-----|-----|-------------------------------------------------------------------------------------|
| Material Number | 152902-000   |     |     |  |
| Product Line    | PFC Choke    |     |     |                                                                                     |
| Compliance Date | 28. Jan 2026 |     |     |                                                                                     |
| RoHS Compliant  | Yes          | MSL | N/A |                                                                                     |

| 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 unit wt. |
|-----|--------------------------------|----------------------------------|---------------------|----------------------------------|---------------------|------------------|-----------------------------------|----------------------------------|
| 1   | Toroid Core                    | Powder Core                      | 24.70               | Iron                             | 7439-89-6           | 82               | 45.38                             | 58.26                            |
|     |                                |                                  |                     | Silicon                          | 7440-21-3           | 8.5              | 4.70                              |                                  |
|     |                                |                                  |                     | Aluminium                        | 7429-90-5           | 5                | 2.77                              |                                  |
|     |                                |                                  |                     | Misc., not to declare            | --                  | 4.5              | 2.49                              |                                  |
|     |                                | Coating                          | 1.30                | Epoxy Resin                      | 61788-97-4          | 64.5             | 1.88                              |                                  |
|     |                                |                                  |                     | Silica Powder                    | 7631-86-9           | 33               | 0.96                              |                                  |
|     |                                |                                  |                     | Carbon black                     | 1333-86-4           | 1                | 0.03                              |                                  |
|     |                                |                                  |                     | Misc., not to declare            | --                  | 1.5              | 0.04                              |                                  |
| 2   | Housing                        | Glass fiber reinforced Polyamide | 6.27                | PA66                             | 32131-17-2          | 57               | 7.80                              | 14.81                            |
|     |                                |                                  |                     | Glass fiber                      | 65997-17-3          | 35               | 4.92                              |                                  |
|     |                                |                                  |                     | red Phosphorus                   | 7723-14-0           | 5                | 0.84                              |                                  |
|     |                                |                                  |                     | Talc                             | 14807-96-6          | 1                | 0.28                              |                                  |
|     |                                |                                  |                     | Additives, not to declare        | --                  | 2                | 0.21                              |                                  |
|     |                                | CuNi18Zn20                       | 0.33                | Copper                           | 7440-50-8           | 62               | 0.46                              |                                  |
|     |                                |                                  |                     | Nickel                           | 7440-02-0           | 18               | 0.13                              |                                  |
|     |                                |                                  |                     | Zinc                             | 7440-66-6           | 20               | 0.15                              |                                  |
|     |                                | Nickel plating                   | 0.003               | Nickel                           | 7440-02-0           | 99.7             | 0.007                             |                                  |
|     |                                |                                  |                     | Misc., not to declare            | --                  | 0.3              | 0.00002                           |                                  |
|     |                                | Tin plating                      | 0.008               | Tin                              | 7440-31-5           | 99.5             | 0.018                             |                                  |
|     |                                |                                  |                     | Misc., not to declare            | --                  | 0.5              | 0.00009                           |                                  |

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|-----|--------------------------------|----------------------|---------------------|----------------------------------------|---------------------|------------------|-----------------------------------|----------------------------------|
| 3   | Enameled wire                  | Copper wire          | 9.81                | Copper                                 | 7440-50-8           | 100              | 21.98                             | 22.41                            |
|     |                                | Insulation Coating   | 0.19                | Polyurethane                           | 9009-54-5           | 95               | 0.40                              |                                  |
|     |                                |                      |                     | Additives, not to declare              | --                  | 5                | 0.02                              |                                  |
| 4   | Potting Compound               | Epoxy Potting        | 1.99                | Bis-[4-(2,3-epoxipropoxi)phenyl]propan | 1675-54-3           | 18.19            | 0.81                              | 4.46                             |
|     |                                |                      |                     | Polypropylenglykol-Diepoxidharz        | 26142-30-3          | 14.14            | 0.63                              |                                  |
|     |                                |                      |                     | Polyamide polymer                      | 68082-29-1          | 16.17            | 0.72                              |                                  |
|     |                                |                      |                     | 4-Morpholinecarbaldehyde               | 4394-85-8           | 0.25             | 0.01                              |                                  |
|     |                                |                      |                     | Calcium carbonate                      | 471-34-1            | 0.15             | 0.007                             |                                  |
|     |                                |                      |                     | Aluminium hydroxide                    | 21645-51-2          | 50.6             | 2.26                              |                                  |
|     |                                |                      |                     | Quartz                                 | 14808-60-7          | 0.25             | 0.01                              |                                  |
|     |                                |                      |                     | Carbon black                           | 1333-86-4           | 0.25             | 0.01                              |                                  |
| 5   | Solder                         | Sn99Ag0.3Cu0.7       | 0.03                | Tin                                    | 7440-31-5           | 98.75            | 0.07                              | 0.07                             |
|     |                                |                      |                     | Copper                                 | 7440-50-8           | 0.7              | 0.0005                            |                                  |
|     |                                |                      |                     | Silver                                 | 7440-22-4           | 0.3              | 0.0002                            |                                  |
|     |                                |                      |                     | Antimony                               | 7440-36-0           | 0.1              | 0.00007                           |                                  |
|     |                                |                      |                     | Lead                                   | 7439-92-1           | 0.07             | 0.00005                           |                                  |
|     |                                |                      |                     | Bismuth                                | 7440-69-9           | 0.05             | 0.00003                           |                                  |
|     |                                |                      |                     | Indium                                 | 7440-74-6           | 0.03             | 0.00002                           |                                  |
|     |                                | Total weight         | 44.63               |                                        |                     |                  |                                   |                                  |

This Document was updated on: 28. Jan 2026

## Important remarks:

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