

# MATERIAL DECLARATION



|                 |                                |                                                                                     |
|-----------------|--------------------------------|-------------------------------------------------------------------------------------|
| Material Number | 3361 (>500KΩ to 2MΩ) LF series |  |
| Product Line    | Trimpot® Trimmers              |                                                                                     |
| Revision        | 10/02/2025                     |                                                                                     |
| RoHS Compliant  | Yes                            |                                                                                     |

| No. | Construction Element (Subpart) | Homogeneous Material | Material Weight (g) | Homogeneous Material   | CASRN       | Material Mass % of Subpart | Material Mass % of total unit wt | Subpart mass of total wt. (%) |
|-----|--------------------------------|----------------------|---------------------|------------------------|-------------|----------------------------|----------------------------------|-------------------------------|
|     |                                |                      |                     | Substance              |             |                            |                                  |                               |
| 1   | Contact Spring                 | Nickel Silver        | 0.0059              | Zinc (metal)           | 7440-66-6   | 26.1                       | 0.4617                           | 1.77                          |
|     |                                |                      |                     | Copper                 | 7440-50-8   | 55                         | 0.9730                           |                               |
|     |                                |                      |                     | Silver                 | 7440-22-4   | 0.05                       | 0.0009                           |                               |
|     |                                |                      |                     | Iron                   | 7439-89-6   | 0.125                      | 0.0022                           |                               |
|     |                                |                      |                     | Manganese              | 7439-96-5   | 0.25                       | 0.0044                           |                               |
|     |                                |                      |                     | Nickel                 | 7440-02-0   | 18                         | 0.3184                           |                               |
|     |                                |                      |                     | Cobalt                 | 7440-48-4   | 0.2                        | 0.0035                           |                               |
|     |                                |                      |                     | Lead                   | 7439-92-1   | 0.025                      | 0.0004                           |                               |
|     |                                |                      |                     | Misc, not to declare   | N/A         | 0.25                       | 0.0044                           |                               |
| 2   | Housing                        | Nylon                | 0.1590              | PA 9T                  | 169284-22-4 | 43                         | 20.4995                          | 47.67                         |
|     |                                |                      |                     | brominated polystyrene | 88497-56-7  | 23                         | 10.9649                          |                               |
|     |                                |                      |                     | glass fiber            | 65997-17-3  | 34                         | 16.2089                          |                               |
| 3   | Rotor                          | Nylon                | 0.0250              | Polyphthalamide        | 27135-32-6  | 66                         | 4.9472                           | 7.50                          |
|     |                                |                      |                     | glass fiber            | 65997-17-3  | 33                         | 2.4736                           |                               |
|     |                                |                      |                     | titanium dioxide       | 13463-67-7  | 1                          | 0.0750                           |                               |
| 4   | Potting                        | Epoxy                | 0.0350              | Cycloaliphatic epoxide | 2386-87-0   | 40                         | 4.1976                           | 10.49                         |
|     |                                |                      |                     | Polyetherpolyol resins | 39072-02-1  | 15                         | 1.5741                           |                               |
|     |                                |                      |                     | Silicon dioxide        | 60676-86-0  | 25                         | 2.6235                           |                               |
|     |                                |                      |                     | Hydrated alumina       | 21645-51-2  | 20                         | 2.0988                           |                               |

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|----|-----------------|---------|--------|-------------------------|------------|--------|---------|-------|
| 5  | UV Epoxy        | Epoxy   | 0.0010 | Cycloaliphatic epoxide  | 2386-87-0  | 40     | 0.1199  | 0.30  |
|    |                 |         |        | Polyetherpolyol resins  | 39072-02-1 | 15     | 0.0450  |       |
|    |                 |         |        | Silicon dioxide         | 60676-86-0 | 25     | 0.0750  |       |
|    |                 |         |        | Hydrated alumina        | 21645-51-2 | 20     | 0.0600  |       |
| 6  | O-ring          | Rubber  | 0.0020 | Siloxanes and Silicones | 68083-18-1 | 50.8   | 0.3046  | 0.60  |
|    |                 |         |        | Silica                  | 7631-86-9  | 22.6   | 0.1355  |       |
|    |                 |         |        | Diatomite               | 68855-54-9 | 23     | 0.1379  |       |
|    |                 |         |        | Polydimethylsiloxane    | 70131-67-8 | 3.4    | 0.0204  |       |
|    |                 |         |        | Misc, not to declare    | N/A        | 0.2    | 0.0012  |       |
| 7  | Substrate       | Ceramic | 0.0570 | Aluminum oxide          | 1344-28-1  | 96     | 16.4068 | 17.09 |
|    |                 |         |        | Silicon dioxide         | 7631-86-9  | 2      | 0.3418  |       |
|    |                 |         |        | Magnesium oxide         | 1309-48-4  | 1      | 0.1709  |       |
|    |                 |         |        | Calcium oxide           | 1305-78-8  | 1      | 0.1709  |       |
| 8  | Termination Ink | Ink     | 0.0020 | Silver                  | 7440-22-4  | 80     | 0.4797  | 0.60  |
|    |                 |         |        | Bismuth in Glass        | 7440-69-9  | 6      | 0.0360  |       |
|    |                 |         |        | Palladium               | 7440-05-3  | 5      | 0.0300  |       |
|    |                 |         |        | Copper                  | 7440-50-8  | 2      | 0.0090  |       |
|    |                 |         |        | Glass w/o Declarables   | 65997-17-3 | 3      | 0.0180  |       |
|    |                 |         |        | Barium                  | 7440-39-3  | 2      | 0.0120  |       |
|    |                 |         |        | Boron                   | 7440-42-8  | 2.0    | 0.0120  |       |
|    |                 |         |        | Aluminum in Glass       | 7429-90-5  | 1      | 0.0030  |       |
| 9  | Resistive Ink   | Ink     | 0.0030 | Ruthenium(IV)oxide      | 12036-10-1 | 20     | 0.1799  | 0.90  |
|    |                 |         |        | Glass w/o Declarables   | 65997-17-3 | 43     | 0.3868  |       |
|    |                 |         |        | Lead in Glass           | 7439-92-1  | 24     | 0.2159  |       |
|    |                 |         |        | Boron                   | 7440-42-8  | 13     | 0.1169  |       |
| 10 | Terminals       | Copper  | 0.0402 | Copper                  | 7440-50-8  | 99.999 | 12.0531 | 12.05 |
|    |                 |         |        | Oxygen                  | 7782-44-7  | 0.001  | 0.0001  |       |
| 11 | Coating         | Solder  | 0.0010 | Tin                     | 7440-31-5  | 100    | 0.2998  | 0.30  |

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|----|-----------|-----------------|--------|----------------------|------------|-------|--------|------|
| 12 | Lubricant | Lubricant       | 0.0010 | Polydimethylsiloxane | 63148-62-9 | 58    | 0.1739 | 0.30 |
|    |           |                 |        | Dimethyl siloxane    | 70131-67-8 | 9.5   | 0.0285 |      |
|    |           |                 |        | Silica, amophous     | 7631-86-9  | 12.5  | 0.0375 |      |
|    |           |                 |        | Siloxane/silicones   | 63148-56-1 | 14    | 0.0420 |      |
|    |           |                 |        | Tetrafluoroethane    | 9002-84-0  | 6     | 0.0180 |      |
| 13 | Seal Ball | Stainless Steel | 0.0014 | Carbon               | 7440-44-0  | 0.3   | 0.0013 | 0.43 |
|    |           |                 |        | Chromium             | 7440-47-3  | 13    | 0.0553 |      |
|    |           |                 |        | Iron                 | 7439-89-6  | 85.66 | 0.3647 |      |
|    |           |                 |        | Manganese            | 7439-96-5  | 0.5   | 0.0021 |      |
|    |           |                 |        | Phosphorus           | 7723-14-0  | 0.02  | 0.0001 |      |
|    |           |                 |        | Sulphur              | 7704-34-9  | 0.02  | 0.0001 |      |
|    |           |                 |        | Silicon              | 7440-21-3  | 0.5   | 0.0021 |      |
|    |           | Total Weight    | 0.334  |                      |            |       |        |      |

## Important remarks:

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