

## Material composition for W2331-00

| Product Information |                  |
|---------------------|------------------|
| Part Number:        | W2331-00         |
| Part Description:   | Insulated Turret |
| Part Weight (g):    | 1.284            |

| Process Data          |                      |
|-----------------------|----------------------|
| Peak Reflow (Deg. C)  | 260°C for 10 sec     |
| MSL                   | 1                    |
| Lead Finish           | 100% Tin over Nickel |
| RoHS Compliant Mark   | n/a                  |
| Availability Date     | Now                  |
| RoHS Compliant? (Y/N) | Yes (exemption 6c)   |

| Homogeneous Material Location   | Weight(g) | Tolerance                           | Substance Name    | CAS #      |
|---------------------------------|-----------|-------------------------------------|-------------------|------------|
| Turret Contact - Brass          | 0.358     | 2%                                  | Copper            | 7440-50-8  |
|                                 | 0.241     | 1%                                  | Zinc              | 7440-66-6  |
|                                 | 0.0185    | 0.50%                               | Lead              | 7439-92-1  |
|                                 | 0         | 0.00185g max                        | Iron              | 7439-89-6  |
|                                 | 0         | 0.00185g max                        | Tin               | 7440-31-5  |
|                                 | 0         | 0.00185g max                        | Nickel            | 7440-02-0  |
|                                 | 0         | 0.000309g max                       | Aluminium         | 7429-90-5  |
|                                 | 0         | 0.00124g max                        | Impurities        |            |
| Turret Contact - Plating        | 0.0102    | 5%                                  | Tin               | 7440-31-5  |
|                                 | 0.0032    | 10%                                 | Nickel            | 7440-02-0  |
|                                 |           |                                     |                   |            |
| Female Thread Contact - Brass   | 0.105     | 2%                                  | Copper            | 7440-50-8  |
|                                 | 0.07      | 1%                                  | Zinc              | 7440-66-6  |
|                                 | 0.00542   | 0.50%                               | Lead              | 7439-92-1  |
|                                 | 0         | 0.000542g max                       | Iron              | 7439-89-6  |
|                                 | 0         | 0.000542g max                       | Tin               | 7440-31-5  |
|                                 | 0         | 0.000542g max                       | Nickel            | 7440-02-0  |
|                                 | 0         | 0.00009g max                        | Aluminium         | 7429-90-5  |
|                                 | 0         | 0.00036g max                        | Impurities        |            |
| Female Thread Contact - Plating | 0.00117   | 10%                                 | Nickel            | 7440-02-0  |
|                                 |           |                                     |                   |            |
| Moulding (total weight)         | 0.472     | 5%                                  | 30% GF PA46       | 50327-22-5 |
| Containing:                     | 0.142     | 5%                                  | 30% Glass Fibre   | 65997-17-3 |
|                                 | >1000ppm  |                                     | Antimony Trioxide | 1309-64-4  |
|                                 | >1000ppm  | Other Brominated Flame Retardant(s) |                   |            |
|                                 |           |                                     |                   |            |

Prepared by: *Wendy Preston*

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On behalf of:

**HARWIN**