

## Material Composition for M300-0020045

| Product Information |                        |
|---------------------|------------------------|
| Part Number:        | M300-0020045           |
| Part Description:   | 3mm Crimp M300 contact |
| Part Weight (g):    | 0.18                   |

| Process Data          |                         |
|-----------------------|-------------------------|
| Peak Reflow (Deg. C)  | n/a                     |
| Termination Finish    | Gold over Nickel/Copper |
| RoHS Compliant? (Y/N) | Yes                     |

| Homogeneous Material Location   | Weight (g) | Tolerance     | Substance Name            | CAS #     |
|---------------------------------|------------|---------------|---------------------------|-----------|
| Contact Shell - Brass           | 0.101      | 1%            | Copper                    | 7440-50-8 |
|                                 | 0.0602     | 2%            | Zinc                      | 7440-66-6 |
|                                 | 0.00338    | 1%            | Lead                      | 7439-92-1 |
|                                 | 0          | 0.00033g max  | Iron (impurity only)      | 7439-89-6 |
|                                 | 0          | 0.00033g max  | Tin (impurity only)       | 7440-31-5 |
|                                 | 0          | 0.000495g max | Nickel (impurity only)    | 7440-02-0 |
| Contact Shell - Plating         | 0          | 0.000083g max | Aluminium (impurity only) | 7429-90-5 |
|                                 | 0          | 0.00033g max  | Other Impurities          |           |
|                                 | 0.00062    | 5%            | Gold                      | 7440-57-5 |
|                                 | 0.00143    | 10%           | Nickel                    | 7440-02-0 |
| Contact Clip - Beryllium Copper | 0.00119    | 10%           | Copper                    | 7440-50-8 |
|                                 | 0.0113     | 2%            | Copper                    | 7440-50-8 |
|                                 | 0.000046   | 1%            | Beryllium                 | 7440-41-7 |
|                                 | 0.000209   | 2%            | Nickel                    | 7440-02-0 |
|                                 | 0          | 0.000035g max | Cobalt (impurity only)    | 7440-48-4 |
|                                 | 0          | 0.000012g max | Iron (impurity only)      | 7439-89-6 |
| Contact Clip - Plating          | 0          | 0.000058g max | Other Impurities          |           |
|                                 | 0.000181   | 10%           | Nickel                    | 7440-02-0 |
|                                 | 0.00001    | 5%            | Gold                      | 7440-57-5 |

Prepared by:

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On behalf of:

