

## Material Composition for M52-040000PXX45

| Product Information |                     |
|---------------------|---------------------|
| Part Number:        | M52-040000PXX45     |
| Part Description:   | 1.27mm pitch Header |
| Part Weight (g):    | 0.0287 * XX         |

| Process Data          |                      |
|-----------------------|----------------------|
| Peak Reflow (Deg. C)  | 260°C for 10 seconds |
| Termination Finish    | 100% Tin over Nickel |
| RoHS Compliant? (Y/N) | Yes                  |

Note: Tin plating is subject to 1,000ppm max Lead impurity.

| Homogeneous Material Location | Weight (g)    | Tolerance            | Substance Name   | CAS #      |
|-------------------------------|---------------|----------------------|--|------------|
| Contact - Brass               | 0.0125 * XX   | 3%                   | Copper   | 7440-50-8  |
|                               | 0.00535 * XX  | 2%                   | Zinc   | 7440-66-6  |
|                               | 0             | (0.000018 * XX)g max | Tin (impurity only)  | 7440-31-5  |
|                               | 0             | (0.000004 * XX)g max | Aluminium (impurity only)                                      | 7429-90-5  |
|                               | 0             | (0.000053 * XX)g max | Nickel (impurity only)   | 7440-02-0  |
|                               | 0             | (0.000009 * XX)g max | Iron (impurity only)   | 7439-89-6  |
|                               | 0             | (0.000012 * XX)g max | Lead (impurity only)   | 7439-92-1  |
|                               | 0             | (0.000018 * XX)g max | Other Impurities   |            |
| Contact - Plating             | 0.000319 * XX | 10%                  | Nickel   | 7440-02-0  |
|                               | 0.000035 * XX | 30%                  | Gold   | 7440-57-5  |
|                               |               |                      |  |            |
| Moulding (total weight)       | 0.0105 * XX   | 5%                   | 30% GF Nylon 6T  |            |
| Containing:                   | 0.00525 * XX  | 5%                   | Nylon 6T   | 63428-83-1 |
|                               | 0.00315 * XX  | 5%                   | 30% Glass Fibre  | 65997-17-3 |
|                               | 0.000525 * XX | 5%                   | Antimony Trioxide  | 1309-64-4  |
|                               | 0.00158 * XX  | 5%                   | Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)] |            |
|                               |               |                      |  |            |

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On behalf of:

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