


# Material Declaration for M402VF-3-080-03NR

| Product Information |                          |
|---------------------|--------------------------|
| Part Number:        | M402VF-3-080-03NR        |
| Part Description:   | 0.5mm Pitch female conn. |
| Part Weight (g):    | 0.462                    |

| 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 #      |
|-------------------------------|------------|---------------|-----------------------------------|------------|
| Contacts - Phosphor Bronze    | 0.176      | 5%            | Copper                            | 7440-50-8  |
|                               | 0.00928    | 1%            | Tin                               | 7440-31-5  |
|                               | 0.0004     | 0.5%          | Phosphorus                        | 7723-14-0  |
|                               | 0          | 0.0004g max   | Nickel (impurity only)            | 7440-02-0  |
|                               | 0          | 0.0004g max   | Zinc (impurity only)              | 7440-66-6  |
|                               | 0          | 0.00016g max  | Iron (impurity only)              | 7439-89-6  |
|                               | 0          | 0.00004g max  | Lead (impurity only)              | 7439-92-1  |
| Contacts - Plating            | 0          | 0.00096g max  | Other Impurities                  |            |
|                               | 0.00592    | 10%           | Nickel                            | 7440-02-0  |
|                               | 0.006      | 20%           | Tin                               | 7440-31-5  |
| Retainers - Brass             | 0.00683    | 3%            | Copper                            | 7440-50-8  |
|                               | 0.00401    | 2%            | Zinc                              | 7440-66-6  |
|                               | 0          | 0.00001g max  | Lead (impurity only)              | 7439-92-1  |
|                               | 0          | 0.00001g max  | Iron (impurity only)              | 7439-89-6  |
|                               | 0          | 0.00001g max  | Tin (impurity only)               | 7440-31-5  |
|                               | 0          | 0.000032g max | Nickel (impurity only)            | 7440-02-0  |
|                               | 0          | 0.000006g max | Aluminium (impurity only)         | 7429-90-5  |
|                               | 0          | 0.00001g max  | Other Impurities                  |            |
|                               | 0.000274   | 10%           | Nickel                            | 7440-02-0  |
| 0.00028                       | 10%        | Tin           | 7440-31-5                         |            |
| Moulding (total weight)       | 0.253      | 6%            | 33% GF LCP                        |            |
|                               | 0.17       | 6%            | Liquid Crystal Polymer            |            |
| Containing:                   | 0.0835     | 6%            | Glass Fibre                       | 65997-17-3 |
| Does not contain:             |            |               | Other Brominated Flame Retardants |            |
|                               |            |               | Antimony                          |            |

Prepared by: 

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On behalf of: 