

Material Declaration for M80-500000M5-02-314-00-000

| Product Information | |
|---------------------|----------------------------------|
| Part Number: | M80-500000M5-02-314-00-000 |
| Part Description: | Datamate Mix-Tek Male Horizontal |
| Part Weight (g): | 2.393 |

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

| Homogeneous Material Location | Weight (g) | Tolerance | Substance Name | CAS # |
|---|---------------|----------------------------|-----------------------------------|------------|
| Coax Contact Shells - Beryllium Copper | 0.432 | 2% | Copper | 7440-50-8 |
| | 0.0084 | 0.4% | Beryllium | 7440-41-7 |
| | 0.00177 | 1% | Lead | 7439-92-1 |
| | 0 | 0.00132g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.00132g max | Cobalt (impurity only) | 7440-48-4 |
| | 0 | 0.000884g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000884g max | Aluminium (impurity only) | 7429-90-5 |
| | 0 | 0.000884g max | Silicon (impurity only) | 7440-21-3 |
| | 0 | 0.00221g max | Other Impurities | |
| | 0.00162 | 5% | Gold | 7440-57-5 |
| Coax Contact Shells - Plating | 0.00402 | 10% | Nickel | 7440-02-0 |
| | | | | |
| Coax Insulators | 0.0417 | 5% | PTFE | 9002-84-0 |
| Coax Central Contacts - Phosphor Bronze | 0.0283 | 4% | Copper | 7440-50-8 |
| | 0.00128 | 1% | Tin | 7440-31-5 |
| | 0.00008 | 0.8% | Phosphorus | 7723-14-0 |
| | 0.000956 | 3% | Zinc | 7440-66-6 |
| | 0.000128 | 1% | Lead | 7439-92-1 |
| | 0 | 0.000064g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000032g max | Iron (impurity only) | 7439-89-6 |
| | 0.000944 | 10% | Gold | 7440-57-5 |
| | 0.000716 | 10% | Nickel | 7440-02-0 |
| | | | | |
| Coax Rear Covers - Brass | 0.0301 | 2% | Copper | 7440-50-8 |
| | 0.0202 | 1% | Zinc | 7440-66-6 |
| | 0.00155 | 0.5% | Lead | 7439-92-1 |
| | 0 | 0.000156g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000156g max | Tin (impurity only) | 7440-31-5 |
| | 0 | 0.000156g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000026g max | Aluminium (impurity only) | 7429-90-5 |
| | 0 | 0.000104g max | Other Impurities | |
| | 0.00016 | 5% | Gold | 7440-57-5 |
| | 0.000396 | 10% | Nickel | 7440-02-0 |
| 0.000332 | 10% | Copper | 7440-50-8 | |
| | | | | |
| Coax Corner Contacts - Phosphor Bronze | 0.033 | 4% | Copper | 7440-50-8 |
| | 0.00149 | 1% | Tin | 7440-31-5 |
| | 0.000092 | 0.8% | Phosphorus | 7723-14-0 |
| | 0.00112 | 3% | Zinc | 7440-66-6 |
| | 0.000148 | 1% | Lead | 7439-92-1 |
| | 0 | 0.000076g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000036g max | Iron (impurity only) | 7439-89-6 |
| | 0.000212 | 10% | Gold | 7440-57-5 |
| | 0.000524 | 10% | Nickel | 7440-02-0 |
| | 0.000436 | 10% | Copper | 7440-50-8 |
| | | | | |
| Jackscrews - Stainless Steel | 0.641 | 10% | Iron | 7439-89-6 |
| | 0.159 | 4% | Chromium (Metallic) | 7440-47-3 |
| | 0.0793 | 4% | Nickel | 7440-02-0 |
| | 0.00617 | 0.8% | Copper | 7440-50-8 |
| | 0.0022 | 0.5% | Sulphur | 7704-34-9 |
| | 0 | 0.00106g max | Carbon (impurity only) | 7440-44-0 |
| | 0 | 0.00881g max | Silicon (impurity only) | 7440-21-3 |
| | 0 | 0.0176g max | Manganese (impurity only) | 7439-96-5 |
| | 0 | 0.000528g max | Phosphorus (impurity only) | 7723-14-0 |
| | 0 | 0.00881g max | Molybdenum (impurity only) | 7439-98-7 |
| | 0 | 0.00176g max | Niobium (impurity only) | 7440-03-1 |
| | 0 | 0.000882g max | Titanium (impurity only) | 7440-32-6 |
| | | | | |
| | 0.326 | 10% | Iron | 7439-89-6 |
| | 0.0806 | 4% | Chromium (Metallic) | 7440-47-3 |
| 0.0403 | 4% | Nickel | 7440-02-0 | |
| 0.00313 | 0.8% | Copper | 7440-50-8 | |
| 0.00112 | 0.5% | Sulphur | 7704-34-9 | |
| 0 | 0.000538g max | Carbon (impurity only) | 7440-44-0 | |
| 0 | 0.00448g max | Silicon (impurity only) | 7440-21-3 | |
| 0 | 0.00896g max | Manganese (impurity only) | 7439-96-5 | |
| 0 | 0.000268g max | Phosphorus (impurity only) | 7723-14-0 | |
| 0 | 0.00448g max | Molybdenum (impurity only) | 7439-98-7 | |
| 0 | 0.000896g max | Niobium (impurity only) | 7440-03-1 | |
| 0 | 0.000448g max | Titanium (impurity only) | 7440-32-6 | |
| | | | | |
| Moulding (total weight) | 0.443 | 10% | 30% Glass-Filled PPS | |
| Containing: | 0.31 | 10% | PPS | 26125-40-6 |
| | 0.133 | 10% | 30% Glass Fibre | 65997-17-3 |
| Does not contain: | | | Antimony | |
| | | | Other Brominated Flame Retardants | |

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On behalf of:

