


# Material Declaration for M80-5000000M2-XX-PM1-00-000

| Product Information |                                |
|---------------------|--------------------------------|
| Part Number:        | M80-5000000M2-XX-PM1-00-000    |
| Part Description:   | Datamate Mix-Tek Male Vertical |
| Part Weight (g):    | (0.33 * XX) + 1.222            |

| 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 #      |
|----------------------------------|-----------------------|----------------------|-----------------------------------|------------|
| Power Contact - Beryllium Copper | 0.249 * XX            | 4%                   | Copper                            | 7440-50-8  |
|                                  | 0.00485 * XX          | 2%                   | Beryllium                         | 7440-41-7  |
|                                  | 0.00102 * XX          | 2%                   | Lead                              | 7439-92-1  |
|                                  | 0                     | (0.000766 * XX)g max | Nickel (impurity only)            | 7440-02-0  |
|                                  | 0                     | (0.000766 * XX)g max | Cobalt (impurity only)            | 7440-48-4  |
|                                  | 0                     | (0.00051 * XX)g max  | Iron (impurity only)              | 7439-89-6  |
| Power Contact - Plating          | 0                     | (0.00051 * XX)g max  | Aluminium (impurity only)         | 7429-90-5  |
|                                  | 0                     | (0.00051 * XX)g max  | Silicon (impurity only)           | 7440-21-3  |
|                                  | 0                     | (0.00125 * XX)g max  | Other Impurities                  |            |
|                                  | 0.0012 * XX           | 5%                   | Gold                              | 7440-57-5  |
|                                  | 0.000942 * XX         | 10%                  | Nickel                            | 7440-02-0  |
|                                  |                       |                      |                                   |            |
| Jackscrews - Stainless Steel     | 0.343                 | 10%                  | Iron                              | 7439-89-6  |
|                                  | 0.0867                | 4%                   | Chromium (Metallic)               | 7440-47-3  |
|                                  | 0.0433                | 4%                   | Nickel                            | 7440-02-0  |
|                                  | 0.0077                | 0.8%                 | Copper                            | 7440-50-8  |
|                                  | 0.0012                | 0.5%                 | Sulphur                           | 7704-34-9  |
|                                  | 0                     | 0.000386g max        | Carbon (impurity only)            | 7440-44-0  |
|                                  | 0                     | 0.00481g max         | Silicon (impurity only)           | 7440-21-3  |
|                                  | 0                     | 0.00963g max         | Manganese (impurity only)         | 7439-96-5  |
|                                  | 0                     | 0.000216g max        | Phosphorus (impurity only)        | 7723-14-0  |
|                                  | 0                     | 0.00289g max         | Molybdenum (impurity only)        | 7439-98-7  |
|                                  | 0                     | 0.00053g max         | Nitrogen (impurity only)          | 7727-37-9  |
|                                  |                       |                      |                                   |            |
| Jackscrew Nuts - Stainless Steel | 0.32                  | 10%                  | Iron                              | 7439-89-6  |
|                                  | 0.0793                | 4%                   | Chromium (Metallic)               | 7440-47-3  |
|                                  | 0.0396                | 4%                   | Nickel                            | 7440-02-0  |
|                                  | 0.00308               | 0.8%                 | Copper                            | 7440-50-8  |
|                                  | 0.0011                | 0.5%                 | Sulphur                           | 7704-34-9  |
|                                  | 0                     | 0.000528g max        | Carbon (impurity only)            | 7440-44-0  |
|                                  | 0                     | 0.0044g max          | Silicon (impurity only)           | 7440-21-3  |
|                                  | 0                     | 0.0088g max          | Manganese (impurity only)         | 7439-96-5  |
|                                  | 0                     | 0.000264g max        | Phosphorus (impurity only)        | 7723-14-0  |
|                                  | 0                     | 0.0044g max          | Molybdenum (impurity only)        | 7439-98-7  |
|                                  | 0                     | 0.00088g max         | Niobium (impurity only)           | 7440-03-1  |
|                                  | 0                     | 0.00044g max         | Titanium (impurity only)          | 7440-32-6  |
|                                  |                       |                      |                                   |            |
| Moulding (total weight)          | (0.0733 * XX) + 0.297 | 10%                  | 30% Glass-Filled PPS              |            |
| Containing:                      | (0.0513 * XX) + 0.208 | 10%                  | PPS                               | 26125-40-6 |
|                                  | (0.022 * XX) + 0.0891 | 10%                  | 30% Glass Fibre                   | 65997-17-3 |
| Does not contain:                |                       |                      | Antimony                          |            |
|                                  |                       |                      | Other Brominated Flame Retardants |            |

Prepared by: 

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On behalf of: 