

| Product Information |                               |
|---------------------|-------------------------------|
| Part Number:        | M80-400000F2-XX-327-00-000    |
| Part Description:   | Datamate Mix-Tek Female cable |
| Part Weight (g):    | (0.557 * XX) + 0.743          |

  

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

## Material

| Homogeneous Material Location        | Weight (g)            | Tolerance            | Substance Name                    | CAS #      |
|--------------------------------------|-----------------------|----------------------|-----------------------------------|------------|
| Contact Shell - Brass                | 0.233 * XX            | 2%                   | Copper                            | 7440-50-8  |
|                                      | 0.157 * XX            | 1%                   | Zinc                              | 7440-66-6  |
|                                      | 0.012 * XX            | 0.5%                 | Lead                              | 7439-92-1  |
|                                      | 0                     | (0.00121 * XX)g max  | Iron (impurity only)              | 7439-89-6  |
|                                      | 0                     | (0.00121 * XX)g max  | Tin (impurity only)               | 7440-31-5  |
|                                      | 0                     | (0.00121 * XX)g max  | Nickel (impurity only)            | 7440-02-0  |
|                                      | 0                     | (0.000201 * XX)g max | Aluminium (impurity only)         | 7429-90-5  |
|                                      | 0                     | (0.000803 * XX)g max | Other Impurities                  |            |
|                                      | 0.00104 * XX          | 5%                   | Gold                              | 7440-57-5  |
|                                      | 0.00257 * XX          | 10%                  | Nickel                            | 7440-02-0  |
| Contact Shell - Plating              | 0.00214 * XX          | 10%                  | Copper                            | 7440-50-8  |
|                                      |                       |                      |                                   |            |
|                                      |                       |                      |                                   |            |
| Contact Sleeve - Beryllium Copper    | 0.0248 * XX           | 2%                   | Copper                            | 7440-50-8  |
|                                      | 0.000101 * XX         | 0.4%                 | Beryllium                         | 7440-41-7  |
|                                      | 0.000456 * XX         | 0.8%                 | Nickel                            | 7440-02-0  |
|                                      | 0                     | (0.000076 * XX)g max | Cobalt (impurity only)            | 7440-48-4  |
|                                      | 0                     | (0.000025 * XX)g max | Iron (impurity only)              | 7439-89-6  |
| Contact Sleeve - Plating             | 0                     | (0.000127 * XX)g max | Other Impurities                  |            |
|                                      | 0.000429 * XX         | 10%                  | Nickel                            | 7440-02-0  |
|                                      |                       |                      |                                   |            |
| Jackscrew Circlips - Stainless Steel | 0.0164                | 10%                  | Iron                              | 7439-89-6  |
|                                      | 0.0033                | 4%                   | Chromium (Metallic)               | 7440-47-3  |
|                                      | 0.0002                | 4%                   | Nickel                            | 7440-02-0  |
|                                      | 0.000078              | 0.8%                 | Copper                            | 7440-50-8  |
|                                      | 0.000004              | 0.5%                 | Sulphur                           | 7704-34-9  |
|                                      | 0                     | 0.000078g max        | Carbon (impurity only)            | 7440-44-0  |
|                                      | 0                     | 0.0002g max          | Silicon (impurity only)           | 7440-21-3  |
|                                      | 0                     | 0.0003g max          | Manganese (impurity only)         | 7439-96-5  |
|                                      | 0                     | 0.000008g max        | Phosphorus (impurity only)        | 7723-14-0  |
|                                      | 0                     | 0.00021g max         | Molybdenum (impurity only)        | 7439-98-7  |
| Jackscrews - Stainless Steel         | 0                     | 0.00004g max         | Niobium (impurity only)           | 7440-03-1  |
|                                      | 0                     | 0.00002g max         | Titanium (impurity only)          | 7440-32-6  |
|                                      |                       |                      |                                   |            |
| Jackscrews - Stainless Steel         | 0.405                 | 10%                  | Iron                              | 7439-89-6  |
|                                      | 0.1                   | 4%                   | Chromium (Metallic)               | 7440-47-3  |
|                                      | 0.0501                | 4%                   | Nickel                            | 7440-02-0  |
|                                      | 0.0139                | 0.5%                 | Sulphur                           | 7704-34-9  |
|                                      | 0.0039                | 0.8%                 | Copper                            | 7440-50-8  |
|                                      | 0                     | 0.000668g max        | Carbon (impurity only)            | 7440-44-0  |
|                                      | 0                     | 0.00557g max         | Silicon (impurity only)           | 7440-21-3  |
|                                      | 0                     | 0.0111g max          | Manganese (impurity only)         | 7439-96-5  |
|                                      | 0                     | 0.000334g max        | Phosphorus (impurity only)        | 7723-14-0  |
|                                      | 0                     | 0.00557g max         | Molybdenum (impurity only)        | 7439-98-7  |
| Moulding (total weight)              | 0                     | 0.00111g max         | Niobium (impurity only)           | 7440-03-1  |
|                                      | 0                     | 0.000556g max        | Titanium (impurity only)          | 7440-32-6  |
|                                      |                       |                      |                                   |            |
| Containing:                          | (0.123 * XX) + 0.15   | 10%                  | 30% Glass-Filled PPS              |            |
|                                      | (0.0861 * XX) + 0.105 | 10%                  | PPS                               | 26125-40-6 |
|                                      | (0.0369 * XX) + 0.045 | 10%                  | 30% Glass Fibre                   | 65997-17-3 |
| Does not contain:                    |                       |                      | Antimony                          |            |
|                                      |                       |                      | Other Brominated Flame Retardants |            |
|                                      |                       |                      |                                   |            |

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On behalf of:

**HARWIN**