

## Material Declaration for M80-583XX05

| Product Information |                       |
|---------------------|-----------------------|
| Part Number:        | M80-583XX05           |
| Part Description:   | 2mm Crimp Datamate    |
| Part Weight (g):    | (0.0819 * XX) + 1.062 |

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

| Homogeneous Material Location | Weight (g)                            | Tolerance             | Substance Name                    | CAS #                |            |            |
|-------------------------------|---------------------------------------|-----------------------|-----------------------------------|----------------------|------------|------------|
| Contact Shell - Brass         | 0.0281 * XX                           | 10%                   | Copper                            | 7440-50-8            |            |            |
|                               | 0.0167 * XX                           | 10%                   | Zinc                              | 7440-66-6            |            |            |
|                               | 0.000915 * XX                         | 5%                    | Lead                              | 7439-92-1            |            |            |
|                               | 0                                     | (0.000091 * XX)g max  | Iron (impurity only)              | 7439-89-6            |            |            |
|                               | 0                                     | (0.000091 * XX)g max  | Tin (impurity only)               | 7440-31-5            |            |            |
| Contact Shell - Plating       | 0                                     | (0.000137 * XX)g max  | Nickel (impurity only)            | 7440-02-0            |            |            |
|                               | 0                                     | (0.000023 * XX)g max  | Aluminium (impurity only)         | 7429-90-5            |            |            |
|                               | 0                                     | (0.000091 * XX)g max  | Other Impurities                  |                      |            |            |
|                               | 0.000208 * XX                         | 5%                    | Gold                              | 7440-57-5            |            |            |
|                               | 0.000515 * XX                         | 10%                   | Nickel                            | 7440-02-0            |            |            |
| Jackscrews - Stainless Steel  | 0.000429 * XX                         | 10%                   | Copper                            | 7440-50-8            |            |            |
|                               | 0.362                                 | 10%                   | Iron                              | 7439-89-6            |            |            |
|                               | 0.0915                                | 4%                    | Chromium (Metallic)               | 7440-47-3            |            |            |
|                               | 0.0457                                | 4%                    | Nickel                            | 7440-02-0            |            |            |
|                               | 0.00813                               | 0.8%                  | Copper                            | 7440-50-8            |            |            |
|                               | 0.00127                               | 0.5%                  | Sulphur                           | 7704-34-9            |            |            |
|                               | 0                                     | 0.000406g max         | Carbon (impurity only)            | 7440-44-0            |            |            |
|                               | 0                                     | 0.00508g max          | Silicon (impurity only)           | 7440-21-3            |            |            |
|                               | 0                                     | 0.0102g max           | Manganese (impurity only)         | 7439-96-5            |            |            |
|                               | 0                                     | 0.000228g max         | Phosphorus (impurity only)        | 7723-14-0            |            |            |
|                               | 0                                     | 0.00305g max          | Molybdenum (impurity only)        | 7439-98-7            |            |            |
|                               | 0                                     | 0.000558g max         | Nitrogen (impurity only)          | 7727-37-9            |            |            |
|                               | Jackscrew Retainers - Stainless Steel | 0.161                 | 10%                               | Iron                 | 7439-89-6  |            |
|                               |                                       | 0.0399                | 4%                                | Chromium (Metallic)  | 7440-47-3  |            |
|                               |                                       | 0.02                  | 4%                                | Nickel               | 7440-02-0  |            |
| 0.00155                       |                                       | 0.8%                  | Copper                            | 7440-50-8            |            |            |
| 0.000554                      |                                       | 0.5%                  | Sulphur                           | 7704-34-9            |            |            |
| 0                             |                                       | 0.000266g max         | Carbon (impurity only)            | 7440-44-0            |            |            |
| 0                             |                                       | 0.00222g max          | Silicon (impurity only)           | 7440-21-3            |            |            |
| 0                             |                                       | 0.00443g max          | Manganese (impurity only)         | 7439-96-5            |            |            |
| 0                             |                                       | 0.000134g max         | Phosphorus (impurity only)        | 7723-14-0            |            |            |
| 0                             |                                       | 0.00222g max          | Molybdenum (impurity only)        | 7439-98-7            |            |            |
| 0                             |                                       | 0.000444g max         | Niobium (impurity only)           | 7440-03-1            |            |            |
| 0                             |                                       | 0.000222g max         | Titanium (impurity only)          | 7440-32-6            |            |            |
| Moulding (total weight)       |                                       | (0.035 * XX) + 0.33   | 10%                               | 30% Glass-Filled PPS |            |            |
|                               |                                       | Containing:           | (0.0245 * XX) + 0.231             | 10%                  | PPS        | 26125-40-6 |
|                               |                                       | (0.0105 * XX) + 0.099 | 10%                               | 30% Glass Fibre      | 65997-17-3 |            |
| Does not contain:             |                                       |                       | Antimony                          |                      |            |            |
|                               |                                       |                       | Other Brominated Flame Retardants |                      |            |            |

Prepared by:

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On behalf of:

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