

Material Declaration for M80-4C11605F2-03-305-00-000

| Product Information |                             |
|---------------------|-----------------------------|
| Part Number:        | M80-4C11605F2-03-305-00-000 |
| Part Description:   | 2mm Crimp/Solder Datamate   |
| Part Weight (g):    | 3.725                       |

| 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 #      |
|-----------------------------------------|------------|---------------|-----------------------------------|------------|
| Signal Contact Shell - Brass            | 0.578      | 2%            | Copper                            | 7440-50-8  |
|                                         | 0.322      | 1%            | Zinc                              | 7440-66-6  |
|                                         | 0.0184     | 0.5%          | Lead                              | 7439-92-1  |
|                                         | 0          | 0.00275g max  | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.00275g max  | Tin (impurity only)               | 7440-31-5  |
|                                         | 0          | 0.00275g max  | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.000464g max | Aluminium (impurity only)         | 7429-90-5  |
|                                         | 0          | 0.00459g max  | Other Impurities                  |            |
|                                         | 0.00467    | 5%            | Gold                              | 7440-57-5  |
|                                         | 0.0116     | 10%           | Nickel                            | 7440-02-0  |
| Signal Contact Shell - Plating          | 0.00968    | 10%           | Copper                            | 7440-50-8  |
|                                         |            |               |                                   |            |
|                                         | 0.033      | 1%            | Copper                            | 7440-50-8  |
|                                         | 0.00064    | 0.5%          | Beryllium                         | 7440-41-7  |
|                                         | 0          | 0.000096g max | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.000096g max | Cobalt (impurity only)            | 7440-48-4  |
|                                         | 0          | 0.000064g max | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.000064g max | Aluminium (impurity only)         | 7429-90-5  |
|                                         | 0          | 0.000064g max | Silicon (impurity only)           | 7440-21-3  |
|                                         | 0          | 0.000176g max | Other Impurities                  |            |
| Signal Contact Clip - Plating           | 0.000912   | 10%           | Nickel                            | 7440-02-0  |
|                                         | 0.000096   | 5%            | Gold                              | 7440-57-5  |
|                                         |            |               |                                   |            |
|                                         | 0.313      | 2%            | Copper                            | 7440-50-8  |
|                                         | 0.211      | 1%            | Zinc                              | 7440-66-6  |
| Coax Contact Shells - Brass             | 0.0162     | 0.5%          | Lead                              | 7439-92-1  |
|                                         | 0          | 0.00162g max  | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.00162g max  | Tin (impurity only)               | 7440-31-5  |
|                                         | 0          | 0.000162g max | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.00027g max  | Aluminium (impurity only)         | 7429-90-5  |
|                                         | 0          | 0.00108g max  | Other Impurities                  |            |
|                                         | 0.00308    | 5%            | Gold                              | 7440-57-5  |
|                                         | 0.00761    | 10%           | Nickel                            | 7440-02-0  |
|                                         | 0.00635    | 10%           | Copper                            | 7440-50-8  |
|                                         |            |               |                                   |            |
| Coax Contact Collars - Beryllium Copper | 0.0744     | 2%            | Copper                            | 7440-50-8  |
|                                         | 0.000303   | 0.4%          | Beryllium                         | 7440-41-7  |
|                                         | 0          | 0.00137g max  | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.000228g max | Cobalt (impurity only)            | 7440-48-4  |
|                                         | 0          | 0.0001g max   | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.000381g max | Other Impurities                  |            |
|                                         | 0.00129    | 10%           | Nickel                            | 7440-02-0  |
|                                         |            |               |                                   |            |
|                                         | 0.104      | 5%            | PTFE                              | 9002-84-0  |
|                                         |            |               |                                   |            |
| Coax Contact Sleeves - Brass            | 0.205      | 2%            | Copper                            | 7440-50-8  |
|                                         | 0.138      | 1%            | Zinc                              | 7440-66-6  |
|                                         | 0.0106     | 0.5%          | Lead                              | 7439-92-1  |
|                                         | 0          | 0.00106g max  | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.00106g max  | Tin (impurity only)               | 7440-31-5  |
|                                         | 0          | 0.000105g max | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.000177g max | Aluminium (impurity only)         | 7429-90-5  |
|                                         | 0          | 0.000705g max | Other Impurities                  |            |
|                                         | 0.00147    | 5%            | Gold                              | 7440-57-5  |
|                                         | 0.00364    | 10%           | Nickel                            | 7440-02-0  |
| Coax Contact Sleeves - Plating          | 0.00304    | 10%           | Copper                            | 7440-50-8  |
|                                         |            |               |                                   |            |
|                                         | 0.0597     | 2%            | Copper                            | 7440-50-8  |
|                                         | 0.00116    | 0.4%          | Beryllium                         | 7440-41-7  |
|                                         | 0          | 0.000243g max | Lead (impurity only)              | 7439-92-1  |
|                                         | 0          | 0.000183g max | Nickel (impurity only)            | 7440-02-0  |
|                                         | 0          | 0.000183g max | Cobalt (impurity only)            | 7440-48-4  |
|                                         | 0          | 0.000123g max | Iron (impurity only)              | 7439-89-6  |
|                                         | 0          | 0.000123g max | Aluminium (impurity only)         | 7429-90-5  |
|                                         | 0          | 0.000123g max | Silicon (impurity only)           | 7440-21-3  |
|                                         | 0          | 0.000306g max | Other Impurities                  |            |
|                                         | 0.00181    | 5%            | Gold                              | 7440-57-5  |
|                                         | 0.00148    | 10%           | Nickel                            | 7440-02-0  |
|                                         |            |               |                                   |            |
|                                         | 0.0164     | 10%           | Iron                              | 7439-89-6  |
| Jackscrews - Circlip                    | 0.0033     | 4%            | Chromium (Metallic)               | 7440-47-3  |
|                                         | 0.000004   | 0.5%          | Sulphur                           | 7704-34-9  |
|                                         | 0.0002     | 4%            | Nickel                            | 7440-02-0  |
|                                         | 0.000078   | 0.8%          | Copper                            | 7440-50-8  |
|                                         | 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  |
|                                         | 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  |
|                                         | 0.01       | 4%            | Chromium (Metallic)               | 7440-47-3  |
|                                         | 0.0139     | 0.5%          | Sulphur                           | 7704-34-9  |
|                                         | 0.0511     | 4%            | Nickel                            | 7440-02-0  |
|                                         | 0.0039     | 0.80%         | 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  |
|                                         | 0          | 0.00111g max  | Niobium (impurity only)           | 7440-03-1  |
|                                         | 0          | 0.000556g max | Titanium (impurity only)          | 7440-32-6  |
|                                         |            |               |                                   |            |
| Moulding (total weight)                 | 1.079      | 10%           | 30% Glass-Filled PPS              |            |
| Containing:                             | 0.755      | 10%           | PPS                               | 26125-40-6 |
|                                         | 0.324      | 10%           | 30% Glass Fibre                   | 65997-17-3 |
| Does not contain:                       |            |               | Antimony                          |            |
|                                         |            |               | Other Brominated Flame Retardants |            |
|                                         |            |               |                                   |            |

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On behalf of: 