

# Material Declaration for M80-4C11042F1-02-305-02-305

| Product Information   |                              |
|-----------------------|------------------------------|
| Part Number:          | M80-4C11042F1-02-305-02-305  |
| Part Description:     | Datamate Mix-Tek Female Coax |
| Part Weight (g):      | 3.758                        |
| Process Data          |                              |
| Peak Reflow (Deg. C)  | n/a                          |
| Termination Finish    | n/a                          |
| RoHS Compliant? (Y/N) | Yes                          |

| Homogeneous Material Location          | Weight (g) | Tolerance     | Substance Name                    | CAS #      |
|----------------------------------------|------------|---------------|-----------------------------------|------------|
| Signal Contact Shell - Brass           | 0.362      | 2%            | Copper                            | 7440-50-8  |
|                                        | 0.201      | 1%            | Zinc                              | 7440-66-6  |
|                                        | 0.0115     | 0.5%          | Lead                              | 7439-92-1  |
|                                        | 0          | 0.00172g max  | Iron (impurity only)              | 7439-89-6  |
|                                        | 0          | 0.00172g max  | Tin (impurity only)               | 7440-31-5  |
|                                        | 0          | 0.00172g max  | Nickel (impurity only)            | 7440-02-0  |
|                                        | 0          | 0.00029g max  | Aluminium (impurity only)         | 7429-90-5  |
|                                        | 0          | 0.00287g max  | Other Impurities                  |            |
|                                        | 0.0158     | 5%            | Tin                               | 7440-31-5  |
|                                        | 0.00723    | 10%           | Nickel                            | 7440-02-0  |
| Signal Contact Shell - Plating         | 0.00483    | 10%           | Copper                            | 7440-50-8  |
|                                        |            |               |                                   |            |
|                                        | 0.0207     | 1%            | Copper                            | 7440-50-8  |
|                                        | 0.0004     | 0.5%          | Beryllium                         | 7440-41-7  |
|                                        | 0          | 0.00006g max  | Nickel (impurity only)            | 7440-02-0  |
|                                        | 0          | 0.00006g max  | Cobalt (impurity only)            | 7440-48-4  |
|                                        | 0          | 0.00004g max  | Iron (impurity only)              | 7439-89-6  |
|                                        | 0          | 0.00004g max  | Aluminium (impurity only)         | 7429-90-5  |
|                                        | 0          | 0.00004g max  | Silicon (impurity only)           | 7440-21-3  |
|                                        | 0          | 0.00011g max  | Other Impurities                  |            |
| Signal Contact Clip - Beryllium Copper | 0.00057    | 10%           | Nickel                            | 7440-02-0  |
|                                        | 0.00006    | 5%            | Gold                              | 7440-57-5  |
|                                        |            |               |                                   |            |
|                                        | 0.418      | 2%            | Copper                            | 7440-50-8  |
|                                        | 0.281      | 1%            | Zinc                              | 7440-66-6  |
|                                        | 0.0216     | 0.5%          | Lead                              | 7439-92-1  |
|                                        | 0          | 0.00216g max  | Iron (impurity only)              | 7439-89-6  |
|                                        | 0          | 0.00216g max  | Tin (impurity only)               | 7440-31-5  |
|                                        | 0          | 0.00216g max  | Nickel (impurity only)            | 7440-02-0  |
|                                        | 0          | 0.00036g max  | Aluminium (impurity only)         | 7429-90-5  |
| Signal Contact Clip - Plating          | 0          | 0.00144g max  | Other Impurities                  |            |
|                                        | 0.00411    | 5%            | Gold                              | 7440-57-5  |
|                                        | 0.0102     | 10%           | Nickel                            | 7440-02-0  |
|                                        | 0.00847    | 10%           | Copper                            | 7440-50-8  |
|                                        |            |               |                                   |            |
|                                        | 0.0992     | 2%            | Copper                            | 7440-50-8  |
|                                        | 0.000404   | 0.4%          | Beryllium                         | 7440-41-7  |
|                                        | 0.00182    | 0.8%          | Nickel                            | 7440-02-0  |
|                                        | 0          | 0.000304g max | Cobalt (impurity only)            | 7440-48-4  |
|                                        | 0          | 0.0001g max   | Iron (impurity only)              | 7439-89-6  |
| Coax Contact Shell - Brass             | 0          | 0.000508g max | Other Impurities                  |            |
|                                        | 0.00172    | 10%           | Nickel                            | 7440-02-0  |
|                                        |            |               |                                   |            |
|                                        | 0.139      | 5%            | PTFE                              | 9002-84-0  |
|                                        |            |               |                                   |            |
|                                        | 0.273      | 2%            | Copper                            | 7440-50-8  |
|                                        | 0.183      | 1%            | Zinc                              | 7440-66-6  |
|                                        | 0.0141     | 0.5%          | Lead                              | 7439-92-1  |
|                                        | 0          | 0.00141g max  | Iron (impurity only)              | 7439-89-6  |
|                                        | 0          | 0.00141g max  | Tin (impurity only)               | 7440-31-5  |
| Coax Contact Shell - Plating           | 0          | 0.00014g max  | Nickel (impurity only)            | 7440-02-0  |
|                                        | 0          | 0.000236g max | Aluminium (impurity only)         | 7429-90-5  |
|                                        | 0          | 0.00094g max  | Other Impurities                  |            |
|                                        | 0.00196    | 5%            | Gold                              | 7440-57-5  |
|                                        | 0.00486    | 10%           | Nickel                            | 7440-02-0  |
|                                        | 0.00405    | 10%           | Copper                            | 7440-50-8  |
|                                        |            |               |                                   |            |
|                                        | 0.0796     | 2%            | Copper                            | 7440-50-8  |
|                                        | 0.00155    | 0.4%          | Beryllium                         | 7440-41-7  |
|                                        | 0.000324   | 0.4%          | Lead                              | 7439-92-1  |
| Coax Contact Sleeve - Beryllium Copper | 0          | 0.000244g max | Nickel (impurity only)            | 7440-02-0  |
|                                        | 0          | 0.000244g max | Cobalt (impurity only)            | 7440-48-4  |
|                                        | 0          | 0.000164g max | Iron (impurity only)              | 7439-89-6  |
|                                        | 0          | 0.000164g max | Aluminium (impurity only)         | 7429-90-5  |
|                                        | 0          | 0.000164g max | Silicon (impurity only)           | 7440-21-3  |
|                                        | 0          | 0.000408g max | Other Impurities                  |            |
|                                        | 0.00197    | 10%           | Nickel                            | 7440-02-0  |
|                                        | 0.00242    | 10%           | Gold                              | 7440-57-5  |
|                                        |            |               |                                   |            |
|                                        | 0.0164     | 10%           | Iron                              | 7439-89-6  |
| Coax Contact Sleeve - Plating          | 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  |
| Coax Inner Contact - Beryllium Copper  | 0          | 0.00002g max  | Titanium (impurity only)          | 7440-32-6  |
|                                        |            |               |                                   |            |
|                                        | 0.4        | 10%           | Iron                              | 7439-89-6  |
|                                        | 0.099      | 4%            | Chromium (Metallic)               | 7440-47-3  |
|                                        | 0.00137    | 0.5%          | Sulphur                           | 7704-34-9  |
|                                        | 0.0495     | 4%            | Nickel                            | 7440-02-0  |
|                                        | 0.00385    | 0.8%          | Copper                            | 7440-50-8  |
|                                        | 0          | 0.00066g max  | Carbon (impurity only)            | 7440-44-0  |
|                                        | 0          | 0.0055g max   | Silicon (impurity only)           | 7440-21-3  |
|                                        | 0          | 0.011g max    | Manganese (impurity only)         | 7439-96-5  |
| Coax Inner Contact - Plating           | 0          | 0.00033g max  | Phosphorus (impurity only)        | 7723-14-0  |
|                                        | 0          | 0.0055g max   | Molybdenum (impurity only)        | 7439-98-7  |
|                                        | 0          | 0.0011g max   | Niobium (impurity only)           | 7440-03-1  |
|                                        | 0          | 0.00055g max  | Titanium (impurity only)          | 7440-32-6  |
|                                        |            |               |                                   |            |
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|                                        |            |               |                                   |            |
| jackscrew Circlips - Stainless Steel   | 1.008      | 10%           | 30% Glass-Filled PPS              |            |
|                                        | 0.706      | 10%           | PPS                               | 26125-40-6 |
|                                        | 0.302      | 10%           | 30% Glass Fibre                   | 65997-17-3 |
|                                        |            |               | Antimony                          |            |
|                                        |            |               | Other Brominated Flame Retardants |            |
|                                        |            |               |                                   |            |
|                                        |            |               |                                   |            |
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| jackscrew Bolts - Stainless Steel      |            |               |                                   |            |
|                                        |            |               |                                   |            |
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|                                        |            |               |                                   |            |
| Moulding (total weight)                |            |               |                                   |            |
|                                        |            |               |                                   |            |
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| Does not contain:                      |            |               |                                   |            |
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On behalf of: 