

## Material Declaration for M80-882XXXX

| Product Information |                       |
|---------------------|-----------------------|
| Part Number:        | M80-882XX22           |
| Part Description:   | 2mm Vertical Datamate |
| Part Weight (g):    | (0.0481 * XX) + 0.172 |

| Process Data          |                      |
|-----------------------|----------------------|
| Peak Reflow (Deg. C)  | 260°C for 10 seconds |
| Termination Finish    | 100% Tin over Nickel |
| RoHS Compliant? (Y/N) | No                   |

| Homogeneous Material Location | Weight (g)             | Tolerance              | Substance Name                    | CAS #      |
|-------------------------------|------------------------|------------------------|-----------------------------------|------------|
| Contacts - Phosphor Bronze    | 0.014 * XX             | 2%                     | Copper                            | 7440-50-8  |
|                               | 0.000739 * XX          | 1%                     | Tin                               | 7440-31-5  |
|                               | 0.000028 * XX          | 0.3%                   | Phosphorus                        | 7723-14-0  |
|                               | 0                      | (0.000044 * XX)g max   | Zinc (impurity only)              | 7440-66-6  |
|                               | 0                      | (0.000015 * XX)g max   | Iron (impurity only)              | 7439-89-6  |
| Contacts - Plating            | 0                      | (0.000007 * XX)g max   | Lead (impurity only)              | 7439-92-1  |
|                               | 0                      | (0.000074 * XX)g max   | Other Impurities                  |            |
|                               | 0.000066 * XX          | 5%                     | Gold                              | 7440-57-5  |
|                               | 0.000118 * XX          | 5%                     | Tin                               | 7440-31-5  |
|                               | 0.000153 * XX          | 10%                    | Nickel                            | 7440-02-0  |
| Latches - Beryllium Copper    | 0.00002 * XX           | 10%                    | Lead                              | 7439-92-1  |
|                               | 0.0965                 | 2%                     | Copper                            | 7440-50-8  |
|                               | 0.00167                | 0.2%                   | Beryllium                         | 7440-41-7  |
|                               | 0                      | 0.000294g max          | Nickel (impurity only)            | 7440-02-0  |
|                               | 0                      | 0.000294g max          | Cobalt (impurity only)            | 7440-48-4  |
|                               | 0                      | 0.000196g max          | Iron (impurity only)              | 7439-89-6  |
|                               | 0                      | 0.000196g max          | Aluminium (impurity only)         | 7429-90-5  |
|                               | 0                      | 0.000196g max          | Silicon (impurity only)           | 7440-21-3  |
|                               | 0                      | 0.000492g max          | Other Impurities                  |            |
|                               | 0.00146                | 10%                    | Nickel                            | 7440-02-0  |
| Moulding (total weight)       | (0.033 * XX) + 0.0723  | 10%                    | 30% Glass-Filled PPS              |            |
|                               | <b>Containing:</b>     | (0.0231 * XX) + 0.0506 | 10%                               | PPS        |
|                               | (0.0099 * XX) + 0.0217 | 10%                    | 30% Glass Fibre                   | 65997-17-3 |
| <b>Does not contain:</b>      |                        |                        | Antimony                          |            |
|                               |                        |                        | Other Brominated Flame Retardants |            |

## Material Declaration for M80-882XXXX

| Product Information |                       |
|---------------------|-----------------------|
| Part Number:        | M80-882XX42           |
| Part Description:   | 2mm Vertical Datamate |
| Part Weight (g):    | (0.0481 * XX) + 0.172 |

| Process Data          |                      |
|-----------------------|----------------------|
| Peak Reflow (Deg. C)  | 260°C for 10 seconds |
| Termination Finish    | 100% Tin over Nickel |
| RoHS Compliant? (Y/N) | Yes                  |

Note: Tin plating is subject to 1,000ppm max Lead impurity.

| Homogeneous Material Location | Weight (g)              | Tolerance             | Substance Name                    | CAS #                |           |
|-------------------------------|-------------------------|-----------------------|-----------------------------------|----------------------|-----------|
| Contacts - Phosphor Bronze    | 0.014 * XX              | 2%                    | Copper                            | 7440-50-8            |           |
|                               | 0.000739 * XX           | 1%                    | Tin                               | 7440-31-5            |           |
|                               | 0.000028 * XX           | 0.3%                  | Phosphorus                        | 7723-14-0            |           |
|                               | 0                       | (0.000044 * XX)g max  | Zinc (impurity only)              | 7440-66-6            |           |
|                               | 0                       | (0.000015 * XX)g max  | Iron (impurity only)              | 7439-89-6            |           |
|                               | 0                       | (0.000007 * XX)g max  | Lead (impurity only)              | 7439-92-1            |           |
| Contacts - Plating            | 0                       | (0.000074 * XX)g max  | Other Impurities                  |                      |           |
|                               | 0.000066 * XX           | 5%                    | Gold                              | 7440-57-5            |           |
|                               | 0.000131 * XX           | 5%                    | Tin                               | 7440-31-5            |           |
|                               | 0.000153 * XX           | 10%                   | Nickel                            | 7440-02-0            |           |
| Latches - Beryllium Copper    | 0.0965                  | 2%                    | Copper                            | 7440-50-8            |           |
|                               | 0.00167                 | 0.2%                  | Beryllium                         | 7440-41-7            |           |
|                               | 0                       | 0.000294g max         | Nickel (impurity only)            | 7440-02-0            |           |
|                               | 0                       | 0.000294g max         | Cobalt (impurity only)            | 7440-48-4            |           |
|                               | 0                       | 0.000196g max         | Iron (impurity only)              | 7439-89-6            |           |
|                               | 0                       | 0.000196g max         | Aluminium (impurity only)         | 7429-90-5            |           |
|                               | 0                       | 0.000196g max         | Silicon (impurity only)           | 7440-21-3            |           |
|                               | 0                       | 0.000492g max         | Other Impurities                  |                      |           |
|                               | Latches - Plating       | 0.00146               | 10%                               | Nickel               | 7440-02-0 |
|                               | Moulding (total weight) | (0.033 * XX) + 0.0723 | 10%                               | 30% Glass-Filled PPS |           |
| <b>Containing:</b>            | (0.0231 * XX) + 0.0506  | 10%                   | PPS                               | 26125-40-6           |           |
|                               | (0.0099 * XX) + 0.0217  | 10%                   | 30% Glass Fibre                   | 65997-17-3           |           |
| <b>Does not contain:</b>      |                         |                       | Antimony                          |                      |           |
|                               |                         |                       | Other Brominated Flame Retardants |                      |           |

## Material Declaration for M80-882XXXX

| Product Information |                       |
|---------------------|-----------------------|
| Part Number:        | M80-882XX45           |
| Part Description:   | 2mm Vertical Datamate |
| Part Weight (g):    | (0.0481 * XX) + 0.172 |

| 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 #                |           |
|-------------------------------|-------------------------|-----------------------|-----------------------------------|----------------------|-----------|
| Contacts - Phosphor Bronze    | 0.014 * XX              | 2%                    | Copper                            | 7440-50-8            |           |
|                               | 0.000739 * XX           | 1%                    | Tin                               | 7440-31-5            |           |
|                               | 0.000028 * XX           | 0.3%                  | Phosphorus                        | 7723-14-0            |           |
|                               | 0                       | (0.000044 * XX)g max  | Zinc (impurity only)              | 7440-66-6            |           |
|                               | 0                       | (0.000015 * XX)g max  | Iron (impurity only)              | 7439-89-6            |           |
| Contacts - Plating            | 0                       | (0.000007 * XX)g max  | Lead (impurity only)              | 7439-92-1            |           |
|                               | 0                       | (0.000074 * XX)g max  | Other Impurities                  |                      |           |
|                               | 0.000196 * XX           | 5%                    | Gold                              | 7440-57-5            |           |
|                               | 0.000153 * XX           | 10%                   | Nickel                            | 7440-02-0            |           |
| Latches - Beryllium Copper    | 0.0965                  | 2%                    | Copper                            | 7440-50-8            |           |
|                               | 0.00167                 | 0.2%                  | Beryllium                         | 7440-41-7            |           |
|                               | 0                       | 0.000294g max         | Nickel (impurity only)            | 7440-02-0            |           |
|                               | 0                       | 0.000294g max         | Cobalt (impurity only)            | 7440-48-4            |           |
|                               | 0                       | 0.000196g max         | Iron (impurity only)              | 7439-89-6            |           |
|                               | 0                       | 0.000196g max         | Aluminium (impurity only)         | 7429-90-5            |           |
|                               | 0                       | 0.000196g max         | Silicon (impurity only)           | 7440-21-3            |           |
|                               | 0                       | 0.000492g max         | Other Impurities                  |                      |           |
|                               | Latches - Plating       | 0.00146               | 10%                               | Nickel               | 7440-02-0 |
|                               | Moulding (total weight) | (0.033 * XX) + 0.0723 | 10%                               | 30% Glass-Filled PPS |           |
| <b>Containing:</b>            | (0.0231 * XX) + 0.0506  | 10%                   | PPS                               | 26125-40-6           |           |
|                               | (0.0099 * XX) + 0.0217  | 10%                   | 30% Glass Fibre                   | 65997-17-3           |           |
| <b>Does not contain:</b>      |                         |                       | Antimony                          |                      |           |
|                               |                         |                       | Other Brominated Flame Retardants |                      |           |

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On behalf of:

