

# Material Declaration for G125-FV1XX05F1(P)(R)

| Product Information |                      |
|---------------------|----------------------|
| Part Number:        | G125-FV1XX05F1(P)(R) |
| Part Description:   | Gecko 1.25mm Female  |
| Part Weight (g):    | (0.0247 * XX) + 0.62 |

| 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 - Beryllium Copper           | 0.0131 * XX               | 1%                   | Copper                            | 7440-50-8   |
|                                       | 0.000255 * XX             | 0.5%                 | Beryllium                         | 7440-41-7   |
|                                       | 0.000054 * XX             | 0.5%                 | Lead                              | 7439-92-1   |
|                                       | 0                         | (0.00004 * XX)g max  | Nickel (impurity only)            | 7440-02-0   |
|                                       | 0                         | (0.00004 * XX)g max  | Cobalt (impurity only)            | 7440-48-4   |
|                                       | 0                         | (0.000027 * XX)g max | Iron (impurity only)              | 7439-89-6   |
|                                       | 0                         | (0.000027 * XX)g max | Aluminium (impurity only)         | 7429-90-5   |
|                                       | 0                         | (0.000027 * XX)g max | Silicon (impurity only)           | 7440-21-3   |
|                                       | 0                         | (0.000067 * XX)g max | Other Impurities                  |             |
| Contacts - Plating                    | 0.00008 * XX              | 5%                   | Gold                              | 7440-57-5   |
|                                       | 0.000296 * XX             | 10%                  | Nickel                            | 7440-02-0   |
| Jackscrews - Stainless Steel          | 0.254                     | 10%                  | Iron                              | 7439-89-6   |
|                                       | 0.0594                    | 4%                   | Chromium (Metallic)               | 7440-47-3   |
|                                       | 0.0297                    | 4%                   | Nickel                            | 7440-02-0   |
|                                       | 0.00231                   | 0.8%                 | Copper                            | 7440-50-8   |
|                                       | 0.000826                  | 0.5%                 | Sulphur                           | 7704-34-9   |
|                                       | 0                         | 0.000396g max        | Carbon (impurity only)            | 7440-44-0   |
|                                       | 0                         | 0.0033g max          | Silicon (impurity only)           | 7440-21-3   |
|                                       | 0                         | 0.0066g max          | Manganese (impurity only)         | 7439-96-5   |
|                                       | 0                         | 0.000198g max        | Phosphorus (impurity only)        | 7723-14-0   |
|                                       | 0                         | 0.0033g max          | Molybdenum (impurity only)        | 7439-98-7   |
|                                       | 0                         | 0.000364g max        | Nitrogen (impurity only)          | 7727-37-9   |
|                                       | 0                         | 0.00066g max         | Niobium (impurity only)           | 7440-03-1   |
|                                       | 0                         | 0.00033g max         | Titanium (impurity only)          | 7440-32-6   |
|                                       |                           |                      |                                   |             |
|                                       |                           |                      |                                   |             |
| Jackscrew Retainers - Stainless Steel | 0.121                     | 10%                  | Iron                              | 7439-89-6   |
|                                       | 0.03                      | 4%                   | Chromium (Metallic)               | 7440-47-3   |
|                                       | 0.015                     | 4%                   | Nickel                            | 7440-02-0   |
|                                       | 0.00117                   | 0.8%                 | Copper                            | 7440-50-8   |
|                                       | 0.000416                  | 0.5%                 | Sulphur                           | 7704-34-9   |
|                                       | 0                         | 0.0002g max          | Carbon (impurity only)            | 7440-44-0   |
|                                       | 0                         | 0.00167g max         | Silicon (impurity only)           | 7440-21-3   |
|                                       | 0                         | 0.00333g max         | Manganese (impurity only)         | 7439-96-5   |
|                                       | 0                         | 0.0001g max          | Phosphorus (impurity only)        | 7723-14-0   |
|                                       | 0                         | 0.00167g max         | Molybdenum (impurity only)        | 7439-98-7   |
|                                       | 0                         | 0.000184g max        | Nitrogen (impurity only)          | 7727-37-9   |
|                                       | 0                         | 0.000334g max        | Niobium (impurity only)           | 7440-03-1   |
|                                       | 0                         | 0.000166g max        | Titanium (impurity only)          | 7440-32-6   |
|                                       |                           |                      |                                   |             |
|                                       |                           |                      |                                   |             |
| Moulding (total weight)               | (0.011 * XX) + 0.106      | 5%                   | 30% GF Nylon 4T                   |             |
| Containing:                           | (0.00616 * XX) + 0.0594   | 5%                   | Nylon 4T                          | 103945-40-0 |
|                                       | (0.0033 * XX) + 0.0318    | 5%                   | 30% Glass Fibre                   | 65997-17-3  |
|                                       | (0.00138 * XX) + 0.0133   | 5%                   | Organic phosphorus compound       | -           |
|                                       | (0.000165 * XX) + 0.00159 | 5%                   | Other Additives                   | -           |
| Does not contain:                     |                           |                      | Antimony                          |             |
|                                       |                           |                      | Other Brominated Flame Retardants |             |
|                                       |                           |                      | Red Phosphorus                    |             |
|                                       |                           |                      |                                   |             |

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On behalf of: 