

Material Declaration for G125-FV10805F1-2AB2ABP

| Product Information |                             |
|---------------------|-----------------------------|
| Part Number:        | G125-FV10805F1-2AB2ABP      |
| Part Description:   | Gecko MT Female Vert. Conn. |
| Part Weight (g):    | 1.437                       |

| Process Data          |                  |
|-----------------------|------------------|
| Peak Reflow (Deg. C)  | 260°C for 10 sec |
| Termination Finish    | Gold             |
| RoHS Compliant? (Y/N) | Yes              |

| Homogeneous Material Location      | Weight (g) | Tolerance     | Substance Name                    | CAS #       |
|------------------------------------|------------|---------------|-----------------------------------|-------------|
| Power Contacts - Beryllium Copper  | 0.422      | 1%            | Copper                            | 7440-50-8   |
|                                    | 0.00818    | 0.5%          | Beryllium                         | 7440-41-7   |
|                                    | 0.00172    | 0.5%          | Lead                              | 7439-92-1   |
|                                    | 0          | 0.00564g max  | Nickel (impurity only)            | 7440-02-0   |
|                                    | 0          | 0.00129g max  | Cobalt (impurity only)            | 7440-48-4   |
|                                    | 0          | 0.00086g max  | Iron (impurity only)              | 7439-89-6   |
| Power Contacts - Plating           | 0          | 0.00086g max  | Aluminium (impurity only)         | 7429-90-5   |
|                                    | 0          | 0.00086g max  | Silicon (impurity only)           | 7440-21-3   |
|                                    | 0          | 0.00216g max  | Other Impurities                  |             |
|                                    | 0.00414    | 5%            | Gold                              | 7440-57-5   |
|                                    | 0.00436    | 10%           | Nickel                            | 7440-02-0   |
|                                    |            |               |                                   |             |
| Signal Contacts - Beryllium Copper | 0.105      | 1%            | Copper                            | 7440-50-8   |
|                                    | 0.00204    | 0.5%          | Beryllium                         | 7440-41-7   |
|                                    | 0.000432   | 0.5%          | Lead                              | 7439-92-1   |
|                                    | 0          | 0.000269g max | Nickel (impurity only)            | 7440-02-0   |
|                                    | 0          | 0.00032g max  | Cobalt (impurity only)            | 7440-48-4   |
|                                    | 0          | 0.000216g max | Iron (impurity only)              | 7439-89-6   |
|                                    | 0          | 0.000216g max | Aluminium (impurity only)         | 7429-90-5   |
|                                    | 0          | 0.000216g max | Silicon (impurity only)           | 7440-21-3   |
|                                    | 0          | 0.000268g max | Other Impurities                  |             |
|                                    | 0.00064    | 5%            | Gold                              | 7440-57-5   |
|                                    | 0.00237    | 10%           | Nickel                            | 7440-02-0   |
|                                    |            |               |                                   |             |
| 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   |
|                                    | 0.0017     | 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          | 0.00157g 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   |
|                                    |            |               |                                   |             |
| Jackscrews - Stainless Steel       | 0.24       | 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   |
|                                    |            |               |                                   |             |
| Moulding (total weight)            | 0.386      | 5%            | 30% GF Nylon 4T                   |             |
| Containing:                        | 0.216      | 5%            | Nylon 4T                          | 103945-40-0 |
|                                    | 0.116      | 5%            | 30% Glass Fibre                   | 65997-17-3  |
|                                    | 0.0483     | 5%            | Organic phosphorus compound       | -           |
|                                    | 0.00579    | 5%            | Other Additives                   | -           |
| Does not contain:                  |            |               | Antimony                          |             |
|                                    |            |               | Other Brominated Flame Retardants |             |
|                                    |            |               | Red Phosphorus                    |             |

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On behalf of: **HARWIN**