

Material Declaration for G125-MC1XX05M1-YYYYL

| Product Information |   |
|---------------------|---|
| Part Number:        | G125-MC1XX05M1-YYYYL                            |
| Part Description:   | Male Crimped Connector with 26AWG Wires         |
| Part Weight (g):    | $(0.0261 * XX) + (0.00198 * XX * YYYY) + 0.576$ |

| Process Data          |      |
|-----------------------|------|
| Peak Reflow (Deg. C)  | n/a  |
| Termination Finish    | Gold |
| RoHS Compliant? (Y/N) | Yes  |

| Homogeneous Material Location    | Weight (g)                  | Tolerance                | Substance Name                    | CAS #       |           |
|----------------------------------|-----------------------------|--------------------------|-----------------------------------|-------------|-----------|
| Contacts - Brass                 | $0.0099 * XX$               | 1%                       | Copper                            | 7440-50-8   |           |
|                                  | $0.0062 * XX$               | 2.0%                     | Zinc                              | 7440-66-6   |           |
|                                  | $0.00033 * XX$              | 0.5%                     | Lead                              | 7439-92-1   |           |
|                                  | 0                           | 0.000032g max            | Iron (impurity only)              | 7439-89-6   |           |
|                                  | 0                           | 0.000032g max            | Tin (impurity only)               | 7440-31-5   |           |
|                                  | 0                           | 0.000048g max            | Nickel (impurity only)            | 7440-02-0   |           |
|                                  | 0                           | 0.000008g max            | Aluminium (impurity only)         | 7429-90-5   |           |
|                                  | 0                           | 0.000032g max            | Other Impurities                  |             |           |
|                                  | Contacts - Plating          | $0.000087 * XX$          | 5%                                | Gold        | 7440-57-5 |
|                                  |                             | $0.000321 * XX$          | 10%                               | Nickel      | 7440-02-0 |
| Screwlock Nuts - Stainless Steel | 0.239                       | 10%                      | Iron                              | 7439-89-6   |           |
|                                  | 0.0592                      | 4%                       | Chromium (Metallic)               | 7440-47-3   |           |
|                                  | 0.0296                      | 4%                       | Nickel                            | 7440-02-0   |           |
|                                  | 0.0023                      | 0.8%                     | Copper                            | 7440-50-8   |           |
|                                  | 0.000822                    | 0.5%                     | Sulphur                           | 7704-34-9   |           |
|                                  | 0                           | 0.000394g max            | Carbon (impurity only)            | 7440-44-0   |           |
|                                  | 0                           | 0.00329g max             | Silicon (impurity only)           | 7440-21-3   |           |
|                                  | 0                           | 0.00658g max             | Manganese (impurity only)         | 7439-96-5   |           |
|                                  | 0                           | 0.000198g max            | Phosphorus (impurity only)        | 7723-14-0   |           |
|                                  | 0                           | 0.00329g max             | Molybdenum (impurity only)        | 7439-98-7   |           |
| 0                                | 0.000362g max               | Nitrogen (impurity only) | 7727-37-9                         |             |           |
| 0                                | 0.000658g max               | Niobium (impurity only)  | 7440-03-1                         |             |           |
| 0                                | 0.00033g max                | Titanium (impurity only) | 7440-32-6                         |             |           |
| Moulding (total weight)          | $(0.0182 * XX) + 0.245$     | 5%                       | 30% GF Nylon 4T                   |             |           |
| Containing:                      | $(0.0102 * XX) + 0.137$     | 5%                       | Nylon 4T                          | 103945-40-0 |           |
|                                  | $(0.00546 * XX) + 0.0735$   | 5%                       | 30% Glass Fibre                   | 65997-17-3  |           |
|                                  | $(0.00228 * XX) + 0.0306$   | 5%                       | Organic phosphorus compound       | -           |           |
|                                  | $(0.000273 * XX) + 0.00368$ | 5%                       | Other Additives                   | -           |           |
| Does not contain:                |                             |                          | Antimony                          |             |           |
|                                  |                             |                          | Other Brominated Flame Retardants |             |           |
|                                  |                             |                          | Red Phosphorus                    |             |           |
| Wire                             | $0.000706 * XX * YYYY$      | 10%                      | Copper                            | 7440-50-8   |           |
| Wire - Plating                   | $0.000083 * XX * YYYY$      | 10%                      | Silver                            | 7440-22-4   |           |
| Wire - Insulation                | $0.00119 * XX * YYYY$       | 10%                      | PTFE                              | 9002-84-0   |           |

Prepared by:



John P Collins  
 Product Environmental Compliance Specialist  
 complianceteam@harwin.com

On behalf of:

