


Material Declaration for M80-809XX05

| Product Information | |
|---------------------|--------------------------|
| Part Number: | M80-809XX05 |
| Part Description: | 2mm pitch Crimp Datamate |
| Part Weight (g): | (0.115 * XX) + 0.21 |

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

| Homogeneous Material Location | Weight (g) | Tolerance | Substance Name | CAS # |
|-------------------------------|-------------------------|----------------------|---|------------|
| Signal Contact - Brass | 0.0336 * XX | 10% | Copper | 7440-50-8 |
| | 0.02 * XX | 10% | Zinc | 7440-66-6 |
| | 0.00109 * XX | 5% | Lead | 7439-92-1 |
| | 0 | (0.000109 * XX)g max | Iron (impurity only) | 7439-89-6 |
| | 0 | (0.000109 * XX)g max | Tin (impurity only) | 7440-31-5 |
| Signal Contact - Plating | 0 | (0.000164 * XX)g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | (0.000027 * XX)g max | Aluminium (impurity only) | 7429-90-5 |
| | 0 | (0.000109 * XX)g max | Other Impurities | |
| | 0.000234 * XX | 5% | Gold | 7440-57-5 |
| | 0.00077 * XX | 10% | Nickel | 7440-02-0 |
| Latches - Beryllium Copper | 0.000482 * XX | 10% | Copper | 7440-50-8 |
| | 0.0965 | 5% | Copper | 7440-50-8 |
| | 0.00167 | 5% | 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 | | | |
| Latches - Plating | 0.00146 | 10% | Nickel | 7440-02-0 |
| Moulding (total weight) | (0.0592 * XX) + 0.11 | 5% | 30% GF PA46 | |
| Containing: | (0.029 * XX) + 0.0539 | 5% | PA46 | 50327-22-5 |
| | (0.0178 * XX) + 0.033 | 5% | 30% Glass Fibre | 65997-17-3 |
| | (0.00296 * XX) + 0.0055 | 5% | Antimony Trioxide | 1309-64-4 |
| | (0.00947 * XX) + 0.0176 | 5% | Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)] | |

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On behalf of: 