

## Material Declaration for H2174-XX

| Product Information |                     |
|---------------------|---------------------|
| Part Number:        | H2174-01            |
| Part Description:   | Ø1.0mm Terminal Pin |
| Part Weight (g):    | 0.0478              |

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


| Homogeneous Material Location | Weight (g) | Tolerance     | Substance Name            | CAS #     |
|-------------------------------|------------|---------------|---------------------------|-----------|
| Terminal - Brass              | 0.0266     | 2%            | Copper                    | 7440-50-8 |
|                               | 0.0179     | 1%            | Zinc                      | 7440-66-6 |
|                               | 0.00137    | 0.5%          | Lead                      | 7439-92-1 |
|                               | 0          | 0.000137g max | Iron (impurity only)      | 7439-89-6 |
|                               | 0          | 0.000137g max | Tin (impurity only)       | 7440-31-5 |
|                               | 0          | 0.000137g max | Nickel (impurity only)    | 7440-02-0 |
| Terminal - Plating            | 0          | 0.000023g max | Aluminium (impurity only) | 7429-90-5 |
|                               | 0          | 0.000092g max | Other Impurities          |           |
|                               | 0.000466   | 10%           | Nickel                    | 7440-02-0 |
|                               | 0.00149    | 10%           | Tin                       | 7440-31-5 |
|                               |            |               |                           |           |

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

| Product Information |                     |
|---------------------|---------------------|
| Part Number:        | H2174-05            |
| Part Description:   | Ø1.0mm Terminal Pin |
| Part Weight (g):    | 0.0464              |

| 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 #     |
|-------------------------------|------------|---------------|---------------------------|-----------|
| Terminal - Brass              | 0.0266     | 2%            | Copper                    | 7440-50-8 |
|                               | 0.0179     | 1%            | Zinc                      | 7440-66-6 |
|                               | 0.00137    | 0.5%          | Lead                      | 7439-92-1 |
|                               | 0          | 0.000137g max | Iron (impurity only)      | 7439-89-6 |
|                               | 0          | 0.000137g max | Tin (impurity only)       | 7440-31-5 |
|                               | 0          | 0.000137g max | Nickel (impurity only)    | 7440-02-0 |
| Terminal - Plating            | 0          | 0.000023g max | Aluminium (impurity only) | 7429-90-5 |
|                               | 0          | 0.000092g max | Other Impurities          |           |
|                               | 0.000466   | 10%           | Nickel                    | 7440-02-0 |
|                               | 0.000038   | 5%            | Gold                      | 7440-57-5 |
|                               |            |               |                           |           |

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On behalf of:

