

Material Declaration for H8504-XX

| Product Information | |
|---------------------|-----------------------|
| Part Number: | H8504-01 |
| Part Description: | 0.8mm PC Board Socket |
| Part Weight (g): | 0.0801 |

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

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

| Homogeneous Material Location | Weight (g) | Tolerance | Substance Name | CAS # |
|---------------------------------|------------|---------------|---------------------------|-----------|
| Contact Shell - Brass | 0.0378 | 2% | Copper | 7440-50-8 |
| | 0.0254 | 1% | Zinc | 7440-66-6 |
| | 0.00195 | 0.5% | Lead | 7439-92-1 |
| | 0 | 0.000195g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000195g max | Tin (impurity only) | 7440-31-5 |
| | 0 | 0.000195g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000033g max | Aluminium (impurity only) | 7429-90-5 |
| Contact Shell - Plating | 0 | 0.00013g max | Other Impurities | |
| | 0.00118 | 10% | Nickel | 7440-02-0 |
| | 0.00206 | 10% | Tin | 7440-31-5 |
| | | | | |
| Contact Clip - Beryllium Copper | 0.0113 | 2% | Copper | 7440-50-8 |
| | 0.000046 | 1% | Beryllium | 7440-41-7 |
| | 0.000209 | 2% | Nickel | 7440-02-0 |
| | 0 | 0.000035g max | Cobalt (impurity only) | 7440-48-4 |
| | 0 | 0.000012g max | Iron (impurity only) | 7439-89-6 |
| Contact Clip - Plating | 0 | 0.000058g max | Other Impurities | |
| | 0.000181 | 10% | Nickel | 7440-02-0 |
| | 0.00001 | 5% | Gold | 7440-57-5 |
| | | | | |

Material Declaration for H8504-XX

| Product Information | |
|---------------------|-----------------------|
| Part Number: | H8504-05 |
| Part Description: | 0.8mm PC Board Socket |
| Part Weight (g): | 0.0782 |

| 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 # |
|---------------------------------|------------|---------------|---------------------------|-----------|
| Contact Shell - Brass | 0.0378 | 2% | Copper | 7440-50-8 |
| | 0.0254 | 1% | Zinc | 7440-66-6 |
| | 0.00195 | 0.5% | Lead | 7439-92-1 |
| | 0 | 0.000195g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000195g max | Tin (impurity only) | 7440-31-5 |
| | 0 | 0.000195g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000033g max | Aluminium (impurity only) | 7429-90-5 |
| | 0 | 0.00013g max | Other Impurities | |
| Contact Shell - Plating | 0.00118 | 10% | Nickel | 7440-02-0 |
| | 0.000096 | 5% | Gold | 7440-57-5 |
| | | | | |
| Contact Clip - Beryllium Copper | 0.0113 | 2% | Copper | 7440-50-8 |
| | 0.000046 | 1% | Beryllium | 7440-41-7 |
| | 0.000209 | 2% | Nickel | 7440-02-0 |
| | 0 | 0.000035g max | Cobalt (impurity only) | 7440-48-4 |
| | 0 | 0.000012g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000058g max | Other Impurities | |
| Contact Clip - Plating | 0.000181 | 10% | Nickel | 7440-02-0 |
| | 0.00001 | 5% | Gold | 7440-57-5 |
| | | | | |

Material Declaration for H8504-XX

| Product Information | |
|---------------------|-----------------------|
| Part Number: | H8504-46 |
| Part Description: | 0.8mm PC Board Socket |
| Part Weight (g): | 0.0808 |

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

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

| Homogeneous Material Location | Weight (g) | Tolerance | Substance Name | CAS # |
|---------------------------------|------------|---------------|---------------------------|-----------|
| Contact Shell - Brass | 0.0378 | 2% | Copper | 7440-50-8 |
| | 0.0254 | 1% | Zinc | 7440-66-6 |
| | 0.00195 | 0.5% | Lead | 7439-92-1 |
| | 0 | 0.000195g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000195g max | Tin (impurity only) | 7440-31-5 |
| | 0 | 0.000195g max | Nickel (impurity only) | 7440-02-0 |
| | 0 | 0.000033g max | Aluminium (impurity only) | 7429-90-5 |
| | 0 | 0.00013g max | Other Impurities | |
| Contact Shell - Plating | 0.00118 | 10% | Nickel | 7440-02-0 |
| | 0.00206 | 10% | Tin | 7440-31-5 |
| | | | | |
| Contact Clip - Beryllium Copper | 0.0113 | 2% | Copper | 7440-50-8 |
| | 0.000046 | 1% | Beryllium | 7440-41-7 |
| | 0.000209 | 2% | Nickel | 7440-02-0 |
| | 0 | 0.000035g max | Cobalt (impurity only) | 7440-48-4 |
| | 0 | 0.000012g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000058g max | Other Impurities | |
| Contact Clip - Plating | 0.000434 | 10% | Nickel | 7440-02-0 |
| | 0.000445 | 10% | Tin | 7440-31-5 |
| | | | | |

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