


Material Declaration for P70-2100045R

| Product Information | |
|---------------------|--------------------------------------|
| Part Number: | P70-2100045R |
| Part Description: | Pogo Pin (Individual Spring Contact) |
| Part Weight (g): | 0.0543 |

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

Additional weight: 0.0327g for the plastic Pick & Place cap.

| Homogeneous Material Location | Weight (g) | Tolerance | Substance Name | CAS # |
|-------------------------------|------------|---------------|----------------------------|-----------|
| Plunger - Brass | 0.011 | 2% | Copper | 7440-50-8 |
| | 0.00712 | 5% | Zinc | 7440-66-6 |
| | 0.000512 | 2% | Lead | 7439-92-1 |
| | 0 | 0.000009g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000013g max | Tin (impurity only) | 7440-31-5 |
| Plunger - Plating | 0.000077 | 5% | Gold | 7440-57-5 |
| | 0.000124 | 10% | Nickel | 7440-02-0 |
| | | | | |
| Body - Brass | 0.019 | 2% | Copper | 7440-50-8 |
| | 0.0123 | 5% | Zinc | 7440-66-6 |
| | 0.000884 | 2% | Lead | 7439-92-1 |
| | 0 | 0.000016g max | Iron (impurity only) | 7439-89-6 |
| | 0 | 0.000022g max | Tin (impurity only) | 7440-31-5 |
| Body - Plating | 0.000089 | 5% | Gold | 7440-57-5 |
| | 0.000575 | 10% | Nickel | 7440-02-0 |
| | | | | |
| Spring - Stainless Steel | 0.00189 | 10% | Iron | 7439-89-6 |
| | 0.0005 | 4% | Chromium (Metallic) | 7440-47-3 |
| | 0.000243 | 4% | Nickel | 7440-02-0 |
| | 0 | 0.000002g max | Carbon (impurity only) | 7440-44-0 |
| | 0 | 0.000026g max | Silicon (impurity only) | 7440-21-3 |
| | 0 | 0.000053g max | Manganese (impurity only) | 7439-96-5 |
| | 0 | 0.000001g max | Phosphorus (impurity only) | 7723-14-0 |
| | 0 | 0.000001g max | Sulphur (impurity only) | 7704-34-9 |
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On behalf of: 