

## Technical Data Sheet P-SHIELD®

# PS-1305

### **Product Description:**

P-SHIELD<sup>®</sup> PS-1305 is a single coated polyimide film with a copper nickel acrylic based coating to provide anisotropic conductivity in the x-y plane.

#### **Construction / Properties:**

| Property                                   | Value                | Test Method   |
|--|----------------------|---------------|
| Total Thickness                            | 0.016mm +/- 0.0032mm | QSP-726       |
| Film Type                                  | Polyimide            |               |
| Color                                      | Silver               | Visual        |
| Salt Spray (5% 48hr 35 C)                  | <0.06 Ω/sq           | QSP-741       |
| Surface Resistivity                        | <0.03 Ω/sq           | QSP-741       |
| Shielding Effectiveness (10 MHz -<br>IGHz) | 70 - 100 dB          | ASTM D4935-99 |
| Continuous Use Conditions                  | -10 - 80 C           | QSP-754       |

#### **Features:**

- Excellent Conformability
- Excellent Solderable Coating
- Good Shielding Effectiveness Over a Wide Frequency Range
- RoHS and HF Compliant

Copper Nickel Acrylic Coating Polyimide Film



Specific tests should be performed by the end user to determine the product stability for the particular application.

#### For Additional Information:

E-mail: sales@polymerscience.com Toll Free: +1 888.533.7004 Web: www.polymerscience.com Revision: 032719

