

Product Details

Thermally Conductive Film Materials

Polyimide Plastic Film

- Electrically Insulating
- Thermally Conductive
- Extremely Thin
- Flexible
- Light Weight
- Low Cost
- Resistant to Thinning under High Compressive Stresses
- Excellent Physical, Mechanical and Electrical properties
- Stable over Wide Range of Temperatures and Frequencies
- Radiation Resistant
- No Melting Point
- No Known Organic Solvents

Downloads ↓



Thermally Conductive Film Products:

[TO-5, TO-18](#)

[TO-3, TO-66](#)

[TO-220, Rectangular Cases](#)

[Washers](#)

Part Number	Drawing	Drawing Details	Device Type	Length (mm)	Width (mm)	Thickness (mm)	Material	Part Change Notice	RoHS	Purchase
43-77-2G		C Dim: 0.218 D Dim: 0.125	Case 90, Case 199	17.45	14.27	0.05	Polyimide Plastic	PCN	Compliant	Contact Us
43-77-8G		A Dim: 0.745 B Dim: 0.545 C Dim: 0.212 D Dim: 0.150	Case 90, Case 199	18.92	13.84	0.05	Polyimide Plastic	PCN	Compliant	Contact Us
43-77-9G		C Dim: 0.170 D Dim: 0.115	TO-220	18.42	13.21	0.05	Polyimide Plastic	PCN	Compliant	Contact Us
43-77-20G		C Dim: 0.275 D Dim: 0.144	TO-220, TO-218, TO-3P	23.24	18.80	0.05	Polyimide Plastic	PCN	Compliant	Contact Us
46-77-20G		A Dim: 0.915 B Dim: 0.740 C Dim: 0.275 D Dim: 0.144	TO-220, TO-218, TO-3P	23.24	18.80	0.05	Polyimide Plastic	PCN	Compliant	Contact Us
46-77-9G		C Dim: 0.170 D Dim: 0.115	TO-220	18.42	13.21	0.05	Polyimide Plastic	PCN	Compliant	Contact Us

Thermally Conductive Film Solutions

- Isolate electrically live surfaces while still transferring thermal energy
- Replace thicker insulators like Mica or Ceramics with thinner and lighter films
- Combine with Thermally Conductive Adhesive Tapes to reduce mounting hardware
- Combine with SOLIMIDE® Foams for vibration damping heat shield applications