
K-859
5 MIL POLYIMIDE FILM TAPE

APPLICATIONS

K-859 consists of polyimide film and acrylic adhesive designed for die-cut high temperature masking dots. Used for protection of printed circuit boards during wave soldering. K-859 is also used in electrical insulation applications meeting class H requirements.

FEATURES/BENEFITS

- Wide operating temperature range up to 400°F
- The high temperature polyimide film **absorbs heat** without shrinking or losing its construction integrity.
- Removes cleanly without adhesive residue after exposure to heat/chemicals.
- Excellent electrical insulation.

TECHNICAL DATA

Backing material	: 5 mil Polyimide Film
Adhesive	: Acrylic Adhesive
Color	: Amber
Adhesive Thickness	: 1.5 mils
Elongation	: 50%
Adhesion to steel	: 600 (gram/inch)
Tensile strength	: 45 (kg/inch)
Dielectric Strength	: 22,000 volts
Temperature Resistance	: 200°C
Insulation Class	: 180

Note: The above are typical values obtained from tests recommended by the PSTC, ASTM, or government agencies and should not be used in writing specifications.
