

PS-1689

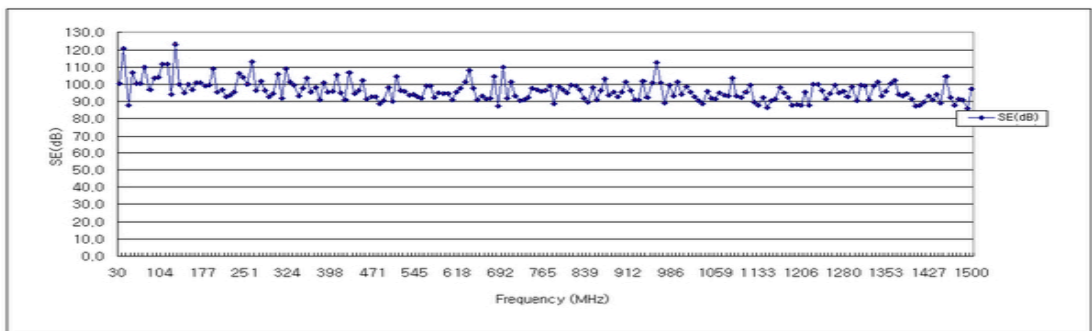
Product Description:

P-THERM® PS-1689 is a heat spreader using the construction of a foil with a thermally conductive adhesive for application to the heat source. The heat spreader allows for quick dissipation of heat in the x-y direction. The soft adhesive formulation allows for quick wet-out and conforming to non-flat surfaces.

Construction / Properties:

Property	Value	Test Method
Total Thickness	0.045 mm	QSP-726
Support Substrate	Copper Foil	--
Color	Polished Copper	Visual
Adhesive Peel Strength (to SUS)	>1000 g/25mm	QSP-722
Composite X-Y Thermal Conductivity	>100 W/m K	QSP-749
Shielding Effectiveness (30 MHz- 1.5 GHz)	90 – 100 dB	ASTM D4935-99
Recommended Application Specification	2 kg/square inch for 2 seconds	--
Continuous Use Conditions	15 – 70 C	WI-8.2-13

Shielding Effectiveness:



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

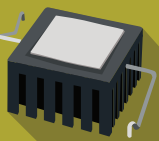
For Additional Information:

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Revision: 050115



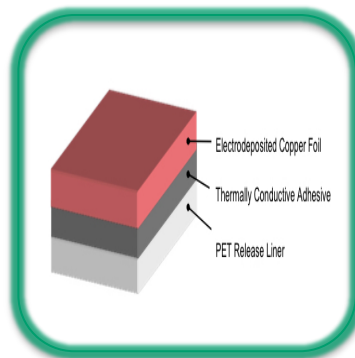
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Features

- Superior Converting Properties
- Excellent Conformability
- Good Adhesive and Cohesive Strength
- Excellent Adhesion to Low Surface Energy Substrates
- Excellent Shielding Effectiveness
- Easily Removed if Rework Required
- RoHS and HF Compliant



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