



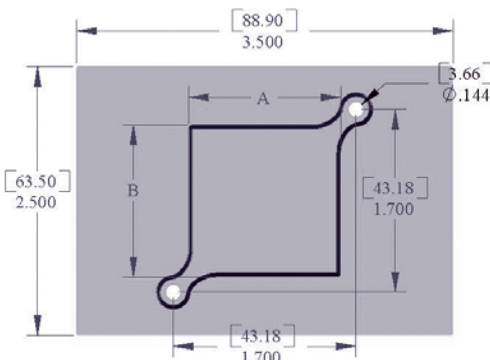
Cool Shield™

Revolutionary Thermal & EMI Solutions

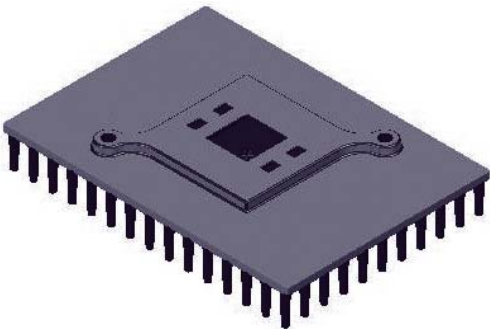
Preliminary Datasheet 135B

14 MM HIGH COMPOSITE HEAT SINK FOR 1U CHASSIS FORM FACTOR

- Optimized for forced airflow and ducted applications
- No antenna effect
- Inserted tooling to accommodate 25mm to 35mm packages with or without exposed die
- 40% lighter than aluminum (42.75 grams)
- Several mounting options available
- Designed to extend over adjacent components



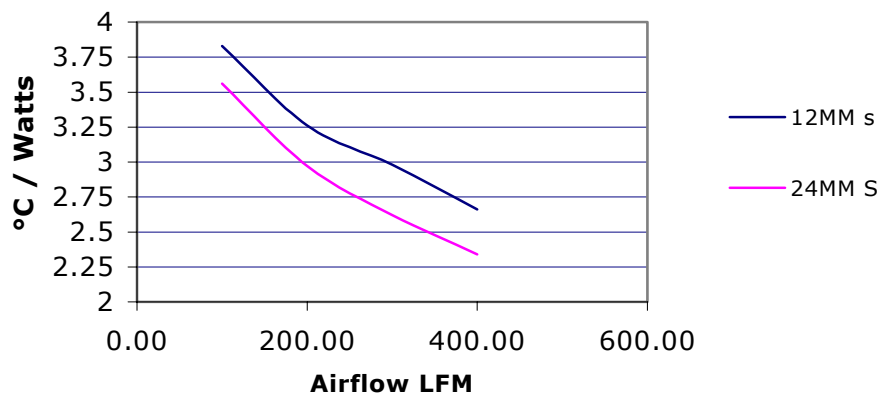
NOTE: TOOLING MAY BE EASILY INSERTED TO ACCOMODATE 25mm TO 35mm PACKAGES WITH OR WITHOUT EXPOSED DIE



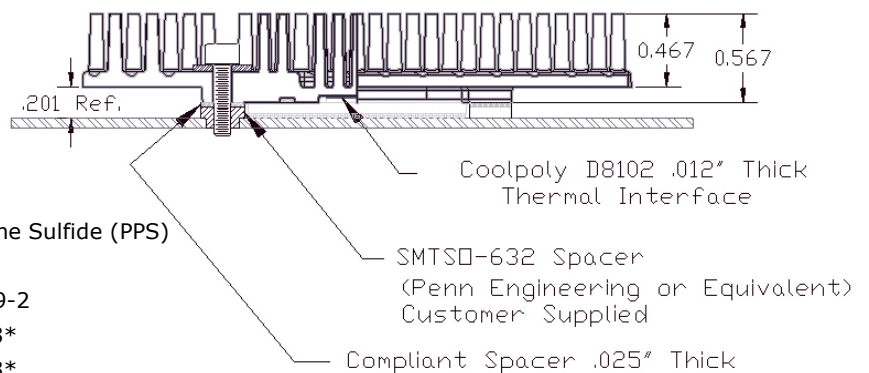
Standard Material: Thermally Conductive Polyphenylene Sulfide (PPS)

UL Flammability	V0 at 1mm	UL 94
CLTE	12 ppm/°C	ISO 11359-2
Surface Resistivity	6.1 ohm/square	IEC 60093*
Volume Resistivity	1100 ohm-cm	IEC 60093*

Thermal Resistance, Tcase to Tair



Note: 12mm curve denotes 12mm x 12mm distributed heat source of 15 watts
24mm curve denotes 24mm x 24mm distributed heat source of 15 watts



Mechanical Mounting Option for Exposed Die Configuration

Parts are also available in either Dielectric grades or additional Electrically Conductive grades of materials.