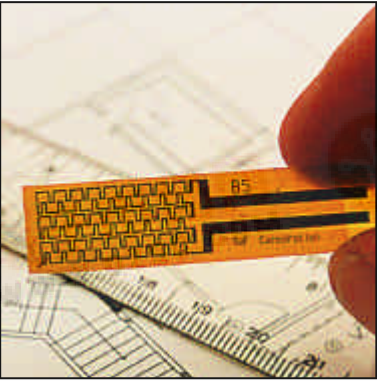


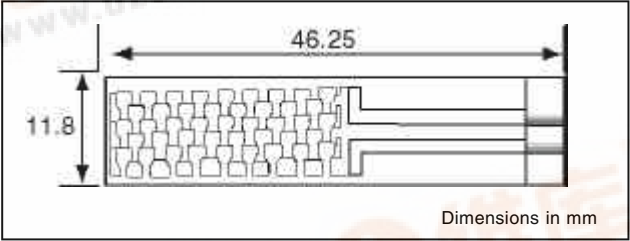
Heat Flux Sensor
Type 27160

RdF
CORPORATION



Heat Flow sensors allow precision measurements of heat transfer through any surface material. They are cemented onto a surface like strain gauges, and will give an accurate measurement of heat transfer using a DVM as an indicator.

- Effective with radiation, convection and conduction heat transfer
- Easily attached to flat or curved surfaces
- Non-invasive
- Solderable edge connections
- Supplied with calibration certificate and temperature correction graph



Specifications:

Nominal sensitivity	0.82 $\mu\text{V}/(\text{W}/\text{m}^2)$
Maximum recommended heat flux	95KW/m ²
Response time	0.6 Second
Thermal capacitance	400 J/(m ² • °C)
Thermal impedance	0.002 °C/(W/m ²)
Maximum operating temp.	150°C

