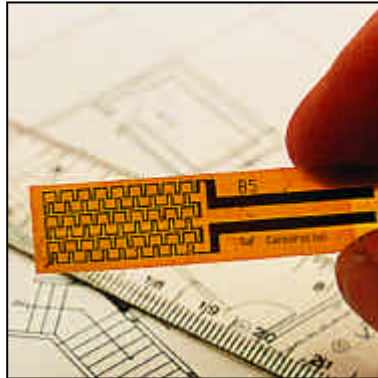


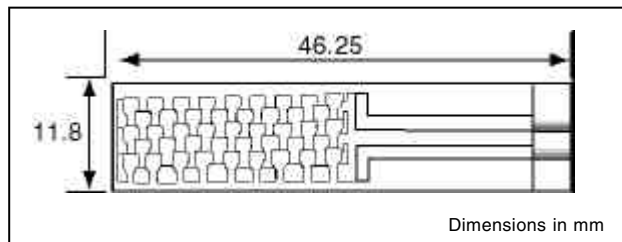
## Heat Flux Sensor Type 27160

**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 <sup>2</sup>
Response time	0.6 Second
Thermal capacitance	400 J/(m <sup>2</sup> • °C)
Thermal impedance	0.002 °C/(W/m <sup>2</sup> )
Maximum operating temp.	150°C

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