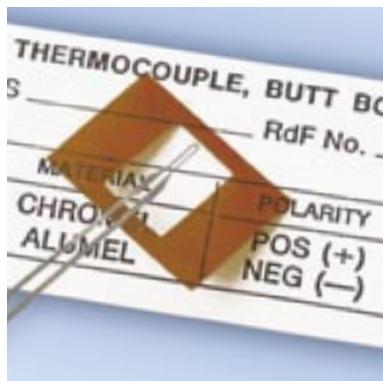


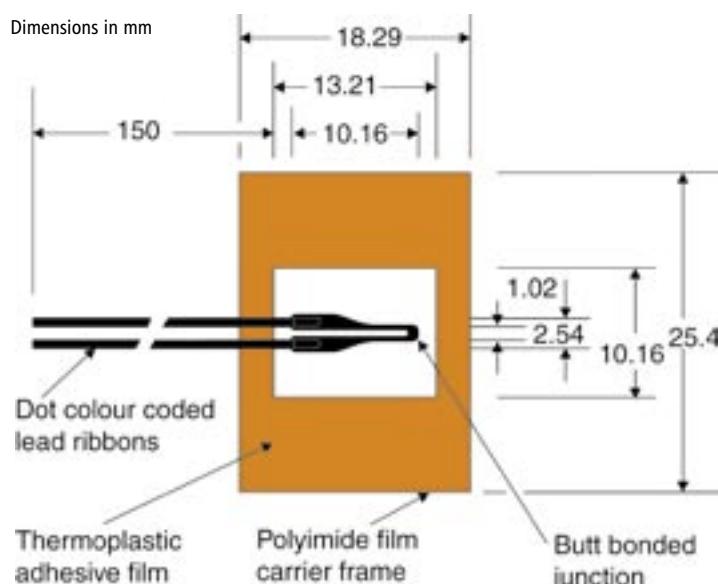
Butt bonded thermocouples 20100 series



These thermocouples have their free filament supported on a temporary polyimide film carrier. This is a tough, flexible and dimensionally stable material rated at 260°C continuous.

During installation the carrier can be peeled from the sensor or released by the application of heat, alternatively parts of the carrier may be cut away with scissors or a knife. Designed primarily for application with ceramic cements. The free foil thermocouple can be easily brushed into a thin layer of cement following application and drying of a thin insulating layer if an ungrounded junction is required.

- Response time down to 1mS (grounded)
- Low mass giving low thermal inertia (butt bonded construction)
- Flexible will bond to flat or curved surfaces
- May be used with any standard readout equipment



| Part number | Thermocouple type | Foil thickness (mm) | Leads (mm) | Temperature range °C |
|-------------|-------------------|---------------------|--------------|----------------------|
| 20100-1 | Type K | 0.005 | 0.025 x 0.76 | -160 to +815 |
| 20100-2 | Type K | 0.013 | 0.05 x 0.76 | -160 to +815 |
| 20101-1 | Type E | 0.005 | 0.025 x 0.76 | -160 to +650 |
| 20102-2 | Type T | 0.013 | 0.05 x 0.76 | -160 to +370 |

| Part number | Thermocouple type | Foil thickness (mm) | Leads (mm) | Temperature range °C |
|-------------|-------------------|---------------------|------------|----------------------|
| 20113 | Type E | 0.013 | 0.25 | -195 to +260 |
| 20114 | Type T | 0.013 | 0.25 | -195 to +260 |