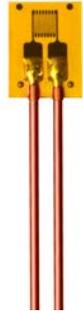


Customer Requirements

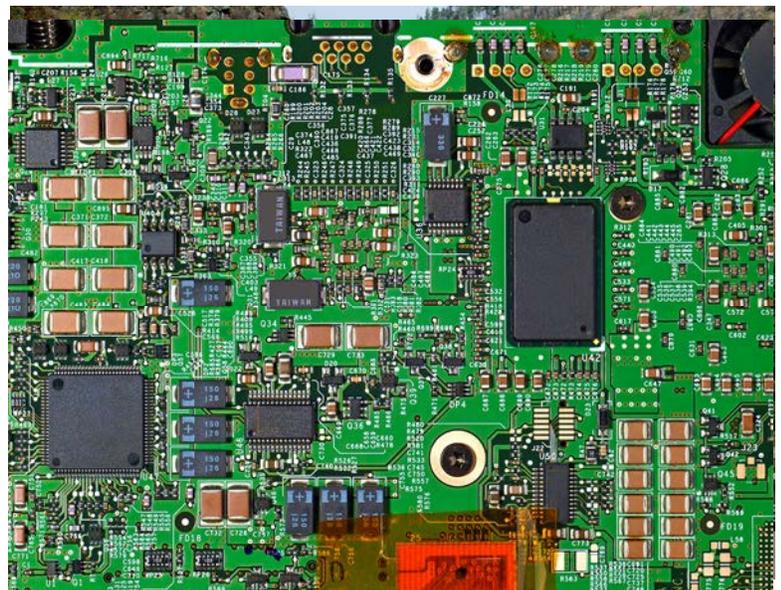
- Temperature range: -60°F to $+180^{\circ}\text{F}$ (-50°C to $+80^{\circ}\text{C}$)
- Miniature Uniaxial strain pattern with a 0.015 inch active grid length and fully encapsulated
- Temperature compensated for Concrete, Steel, Stainless (17-4 and 17-7)
- Resistance: $120\ \Omega$
- Leadwire: 10 ft of 326-DFV, preattached
- Elongation: $\pm 3\%$ ($30,000\ \mu\epsilon$) one time elongation; $\pm 1500\ \mu\epsilon$ for 10^6 cycles
- Pre-attached vinyl insulated cables makes installation fast and much easier



Applications

- Circuit Board Testing
- Automotive
- Aircraft
- Any application requiring measurement at a strain concentration or in a small area

Datasheet:
<http://www.vishaypg.com/doc?11200>



Customer Requirements

- Temperature range: -60° to $+150^{\circ}\text{F}$ (-50° to $+66^{\circ}\text{C}$)
- Miniature (5mm diameter matrix) three-element stacked rosette
- Temperature compensated for FR4 Circuit Board, Steel
- Resistance: $120\ \Omega$
- Leadwire: 10 ft of 326-DFV, preattached
- Elongation: $\pm 3\%$ ($30,000\ \mu\epsilon$) one time elongation; $\pm 1500\ \mu\epsilon$ for 10^6 cycles
- Ideal for placement with limited space such as the corners of BGA's for testing per IPC/JEDEC publications
- The three discrete measurements allow for calculation of maximum and minimum principal strains, direction, shear strains as well as tension/compression measurements



Applications

- Circuit Board Testing
- Automotive
- Aircraft
- Where small footprint with less averaging is required

Datasheet:

<http://www.vishaypg.com/doc?11377>

