Transducer-Class® Strain Gages

Self-Temperature-Compensation (S-T-C)

Foil Alloy

Carrier Matrix (Backing)

Pattern Code

Resistance in Ohms

Copper Soldering Pad

Optional Feature

Example: XXX - XX - XXXXX-XXX/ XX Option E2

5-digit code, with the first character either an “S” or “T”, and the last character a creep code letter, where applicable.

Resistance in Ohms, (C = x 100)

A: Constantan
E: Platinum-tungsten
K: Modified Karma

Self-Temperature-Compensation (S-T-C) number approximating the thermal expansion coefficient of the transducer material in ppm/°F. S-T-C values of 06 (steels) and 13 (aluminum alloys) are normally stocked. MC is substituted for S-T-C for modulus compensated gages. NC (non-compensated) is used for platinum-tungsten-alloy patterns.

E: Polyimide
N2: Special polyimide
N3: Thin version of N2
J2: Encapsulated N2
J5: High temperature J2
T: Glass-fiber-reinforced epoxy-phenolic
S: Encapsulated T with solder dots
R: Glass-fiber-reinforced polyimide

DP: Standard feature on TK, N2K, N3K and J5K Series

Polyimide film encapsulation of sensing grid. Thickness approximately 0.0005 inches (0.013mm).