MEME Micro-Measurements



General Purpose Strain Gages

GAGE PATTERN See Note 1 GAGE FAITHER (ohms) GAGE ENISTANCE (ohms) GAGE ENISTANCE (ohms) GAGE ENISTANCE (ohms) Millimetric millimetric millimetric minches 062DW EA, ED, WA, WK, SA, SK, SD, WD 120, 350 0.062 1.57 45° torque gage. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm) 120, 350 0.062 1.52 Two-element 90° torque gage. Matrix size: 0.27L x 0.21W in. (6.9L x 5.3W mm) Matrix size: 0.27L x 0.21W in. (6.9L x 5.3W mm) 1.52
SK, SD, WD 45° torque gage. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm) EA, WK, SA, SK 120, 350 0.062 1.57 Two-element 90° torque gage.
SK, SD, WD 45° torque gage. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm) EA, WK, SA, SK 120, 350 0.062 1.57 Two-element 90° torque gage.
45° torque gage. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm) EA, WK, SA, SK 120, 350 0.062 1.52 Two-element 90° torque gage.
D62TW EA, WK, SA, SK 120, 350 0.062 1.52 Two-element 90° torque gage.
Two-element 90° torque gage.
actual size Two-element 90° torque gage.
Matrix size: 0.27L x 0.21W in. (6.9L x 5.3W mm)
O90DW EA, WA , WK, SA , SK 120, 350 0.09 2.29
45° torque gage. Larger version of 062DW pattern. See also 090DY pattern. Matrix size: 0.38L x 0.19W in. (9.6L x 4.8W mm)
090DY EA, WA , WK, SA , SK 120, 350 0.09 2.29
45° torque gage. Similar to the 090DW pattern except opposite grid angle. Matrix size: 0.38L x 0.19W in. (9.7L x 4.8W mm)
125TH EA, WA, WK, SA, SK 120, 350 0.125 3.18
Two-element 90° torque gage. Sections are electrically independent.
Matrix size: 0.44L x 0.31W in. (11.2L x 7.9W mm)
125TR EA, EK, S2K, WA, WK, SA, SK 120, 350, 1000 0.125 3.18
Two-element 90° torque rosette. EK-Series gages are supplied with duplex cop dots (DD) when optional feature W or SE is not specified.
Matrix size: 0.36L x 0.47W in. (9.1L x 11.9W mm)

Note 1: Products with designations and options shown in bold are not RoHS compliant.

See www.vishay.com/strain-gages for complete specifications.





General Purpose Strain Gages

GAGE PATTERN			GAGE SERIES See Note 1	GAGE RESISTANCE (ohms)	GAGE LENGTH	
					inches	millimeters
250TK			EA, WA , WK, SA , SK	120, 350, 1000	0.25	6.35
			Two-element 90° torque gage with compact geometry. Sections are electrically independent.			
		actual size	Matrix size: 0.74L x 0.55W in. (18.8.3L x 14.0W mm)			
250TR			EA, EK, S2K , WA , WK, SA , SK	120, 350, 1000	0.25	6.35
			Two-element 90° rosette for shear-strain and torque measurements. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.			
		actual size	Matrix size: 0.70L x 0.96W in. (17.8L x 24.4W mm)			

Note 1: Products with designations and options shown in bold are not RoHS compliant.

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