Micro-Measurements



General Purpose Strain Gages

GAGE PATTERN		GAGE SERIES See Note 1	GAGE RESISTANCE	GAGE LENGTH			
			(ohms)	inches	millimeters		
030TU	- *** *********************************		EA, EP, SA , SK	120, 350	0.03	0.76	
	- ÌOÚ .	actual size	Miniature 90° tee rosette. Sections are electrically independent. Matrix size: 0.25L x 0.25W in. (6.4L x 6.4W mm)				
			WIGHTA SIZE. C.ZOL A C.ZOVV	III. (0.42 X 0.444 IIIII)			
030TY			EA, EP, SA , SK	120, 350	0.03	0.76	
		actual size	Miniature 90° tee rosette with large solder tabs. Matrix size: 0.30L x 0.15W in. (7.6L x 3.8W mm)				
				1			
030WT		gg actual size	WA, WK, SA, SK	120	0.03	0.76	
			Miniature two-element 90° tee stacked rosette. See also 032WT pattern. Matrix size: 0.17L x 0.19W in. (4.3L x 4.8W mm)				
032WT			CEA	120	0.032	0.81	
			Miniature two-element 90° stacked rosette. Exposed solder tab area is 0.07 x 0.04 in (1.8 x 1.0 mm). Maximum operating temperature +150°F (+65°C). Matrix size: 0.30L x 0.30W in. (7.6L x 7.6W mm)				
044TP	· - 1	itana i	EA, SA	350	0.044	1.12	
		actual size	Miniature high-resistance 90° tee rosette.				
			Matrix size: 0.14L x 0.20W in. (3.6L x 5.1W mm)				
050TG		—————————————————————————————————————	EA, WA , EP, SA	350	0.05	1.27	
		actual size	Miniature high-resistance 90° tee rosette. Sections have a common solder tab. Matrix size: 0.34L x 0.17W in. (8.6L x 4.3W mm)				

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

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



Micro-Measurements **EMEME**

General Purpose Strain Gages

CACE DATTERN			GAGE SERIES See Note 1	GAGE RESISTANCE	GAGE LENGTH		
GAGE PATTERN		(ohms)		inches	millimeters		
060WT	-		WA, WK, SA, SK	120, 350, 1000	0.06	1.52	
		actual size	Small two-element 90° tee stacked rosette. Matrix size: 0.24L x 0.30W in. (6.1L x 7.6W mm)				
062TZ	→		EA, WA, WK, SA, SK	120, 350	0.062	1.57	
	1 2	actual size	General-purpose 90° tee rosette. Matrix size: 0.28L x 0.26W in. (7.1L x 6.6W mm)				
100TG] . [a]	EA, WA , SA	350, 1000	0.1	2.54	
		actual size	Small high-resistance 90° tee rosette for general-purpose use. Matrix size: 0.50L x 0.19W in. (12.7L x 4.8W mm)				
120WT	120WT	actual size	WA, WD, WK, SA, SK, SD	120, 350	0.12	3.05	
			Two-element 90° tee stacked rosette. Matrix size: 0.34L x 0.40W in. (8.6L x 10.2W mm)				
125TA			EA, WA, WK, SA, SK	120, 350	0.125	3.18	
		actual size	General-purpose two-element 90° tee rosette. Sections have a common electrical connection. See also 125TB pattern. Matrix size: 0.36L x 0.41W in. (9.1L x 10.4W mm)				
			T	T T			
125TB	125TB	actual size	EA, EK, WA, WK, SA, SK	350, 1000	0.125	3.18	
			General-purpose two-element 90° tee rosette. Same geometry as 125TA but with higher resistance. Sections have common electrical connection. EK-Series gages are supplied with duplex copper dots (DD) when optional feature W or SE is not specified.				
			Matrix size: 0.36L x 0.44W in. (9.1L x 11.2W mm)				

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Micro-Measurements



General Purpose Strain Gages

GAGE PATTERN	GAGE SERIES	GAGE RESISTANCE (ohms)	GAGE LENGTH			
GAGETATIEN	See Note 1		inches	millimeters		
125TF	EA, SA , SK	120, 350	0.125	3.18		
actual size	General-purpose two-element 90° tee rosette with narrow pattern geometry. Sections have a common electrical connection. Matrix size: 0.59L x 0.21W in. (15.0L x 5.3W mm)					
	-	_				
125TQ	EA, EK, WA , WK, EP, SA , SK	350, 1000	0.125	3.18		
actual size	General-purpose two-element 90° tee rosette. EK-Series gages are supplied with duplex copper dots (DD) when optional feature W or SE is not specified.					
	Matrix size: 0.42L x 0.47W	Matrix size: 0.42L x 0.47W in. (10.7L x 11.9W mm)				
125VA	EA, EP, SA , SK	350, 1000	0.125	3.18		
	General-purpose two-element 90° tee rosette with high-resistance grid. See also 125VB pattern.					
actual size	Matrix size: 0.64L x 0.23W in. (16.3L x 5.8W mm)					
		1				
125VB	EA, EP, SA , SK	120, 350	0.125	3.18		
	General-purpose two-element 90° tee rosette. Similar to 125TF pattern except sections are electrically independent. See also 125VA pattern.					
actual size	Matrix size: 0.64L x 0.23W in. (16.3L x 5.8W mm)					
		1				
250TB	EA, EK, WA , WK, SA , SK	350, 1000	0.25	6.35		
	General-purpose two-element 90° tee rosette. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.					
actual size	Matrix size: 0.63L x 0.81W in. (16.0L x 20.6W mm)					
		1				
250TM	EA, WA , WK, EP, SA , SK	120, 350	0.25	6.35		
	General-purpose two-eler independent.	ment 90° tee rosette	. Sections a	re electrically		
actual size	Matrix size: 0.53L x 0.75W	Matrix size: 0.53L x 0.75W in. (13.5L x 19.1W mm)				

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General Purpose Strain Gages

GAGE PATTERN			GAGE SERIES See Note 1	GAGE RESISTANCE (ohms)	GAGE LENGTH	
					inches	millimeters
250WQ	250WQ	actual size	CEA	350	0.25	6.35
			Two-element 90° tee stacked rosette. Maximum operating temperature + 150°F (+65°C). Exposed solder tab area is 0.11 x 0.07 in (2.8 x 1.8 mm). Matrix size: 0.55L x 0.55W in. (14.0L x 14.0W mm)			
250WT	WT	actual size	WA, WD, WK, SA, SK, SD	120, 350	0.25	6.35
			Two-element 90° tee stacked rosette.			
	actual size		Matrix size: 0.51L x 0.60W in. (13.0L x 15.2W mm)			

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Vishay Precision Group

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