

PRECISION STRAIN GAGE

RECTANGULAR ROSETTE SINGLE PLANE, PLANAR COMPACT GEOMETRY 0/45/90°

**Custom-Designed
Strain Gages
Available!**
No Minimum Quantities.
Consult Engineering.



To Order

GAGE PATTERN Leads not shown	MODEL NO. Pkg of 5	NOM. RESIS- TANCE (Ω)	DIMENSIONS mm (inch)†				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD
			GRID		CARRIER					
			A	B	C	D				
<p>Shown actual size 10.5 mm</p>	SGD-1/120-RY21	120	1.6 (0.063)	1.7 (0.067)	6.8 (0.268)	10.5 (0.413)	3	Ribbon Leads	ST	BPT-1
	SGD-1/120-RY23	120	Miniature rectangular, single plane rosette, compact geometry 120 Ω				4	Ribbon Leads	AL	
	SGD-1/120-RY81	120					3	Solder Pads	ST	
	SGD-1/120-RY83	120					4	Solder Pads	AL	
<p>Shown actual size 10.5 mm</p>	SGD-1/350-RY21	350					1.6 (0.063)	1.7 (0.067)	6.8 (0.268)	10.5 (0.413)
	SGD-1/350-RY23	350	Miniature rectangular, single plane rosette, compact geometry 350 Ω				8.5	Ribbon Leads	AL	
	SGD-1/350-RY81	350					6	Solder Pads	ST	
	SGD-1/350-RY83	350					8.5	Solder Pads	AL	
<p>Shown actual size 10.5 mm</p>	SGD-2/350-RY11	350					2.0 (0.079)	2.0 (0.079)	6.8 (0.268)	10.5 (0.413)
	SGD-2/350-RY13	350	Small rectangular, single plane rosette, compact geometry 350 Ω				9.5	Ribbon Leads	AL	
	SGD-2/350-RY31	350					6.5	Solder Pads	ST	
	SGD-2/350-RY33	350					9.5	Solder Pads	AL	
<p>Shown actual size 13 mm</p>	SGD-3/120-RY21	120					3.0 (0.118)	1.7 (0.067)	8.3 (0.327)	13 (0.51)
	SGD-3/120-RY23	120	Medium rectangular, single plane rosette, compact geometry 120 Ω				6	Ribbon Leads	AL	
	SGD-3/120-RY81	120					4.5	Solder Pads	ST	
	SGD-3/120-RY83	120					6	Solder Pads	AL	
<p>Shown actual size 13 mm</p>	SGD-3/350-RY21	350					3.0 (0.118)	2.1 (0.083)	8.3 (0.327)	13 (0.51)
	SGD-3/350-RY23	350	Medium rectangular, single plane rosette, compact geometry 350 Ω				12	Ribbon Leads	AL	
	SGD-3/350-RY81	350					8.5	Solder Pads	ST	
	SGD-3/350-RY83	350					12	Solder Pads	AL	
<p>Shown actual size 21.4 mm</p>	SGD-6/120-RY21	120					6.0 (0.236)	3.2 (0.126)	13.4 (0.528)	21.4 (0.84)
	SGD-6/120-RY23	120	Large rectangular, single plane rosette, compact geometry 120 Ω				12	Ribbon Leads	AL	
	SGD-6/120-RY81	120					8.5	Solder Pads	ST	
	SGD-6/120-RY83	120					12	Solder Pads	AL	
<p>Shown actual size 21.4 mm</p>	SGD-6/350-RY21	350					6.0 (0.236)	3.2 (0.126)	13.4 (0.528)	21.4 (0.84)
	SGD-6/350-RY23	350	Large rectangular, single plane rosette, compact geometry 350 Ω				20	Ribbon Leads	AL	
	SGD-6/350-RY81	350					14	Solder Pads	ST	
	SGD-6/350-RY83	350					20	Solder Pads	AL	

DISCOUNT SCHEDULE

1 to 10 pkgs. Net
 11 to 24 pkgs. 5%
 25 to 49 pkgs. 10%
 50 and up and OEM Consult Factory

† For dimensions key, visit us online.
 * Maximum permitted bridge energizing voltage (Vrms).
Note: For strain gage accessories, visit us online.
Ordering Example: SGD-3/350-RY21, rectangular planar rosette,
 package of 5, nominal resistance 350 Ω.

NOTE
 ST = Steel
 AL = Aluminum

STRAIN GAGES E