

PRECISION STRAIN GAGE



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

**Custom-Designed
Strain Gages
Available!**
No Minimum Quantities.
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**FEATURED MOST
POPULAR MODEL!**
**MOST POPULAR
MODELS HIGHLIGHTED!**



To Order (Specify Model Number)

See Equations
on Page 10

	MODEL NO.	PRICE PER PKG OF 5	NOM. RESIS- TANCE (Ω)	DIMENSIONS mm (in) [†]				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD
				GRID		CARRIER					
				A	B	C	D				
 Shown actual size 10.5 mm Leads not shown	SGD-1/120-RY21	\$90.60	120	1.6	1.7	6.8	10.5	3	Ribbon Leads	ST	BTP-1
	SGD-1/120-RY23	90.60	120	(0.063)	(0.067)	(0.268)	(0.413)	4	Ribbon Leads	AL	
	SGD-1/120-RY81	73.60	120	Miniature rectangular, single plane rosette, compact geometry 120 Ω				3	Solder Pads	ST	
	SGD-1/120-RY83	73.60	120					4	Solder Pads	AL	
 Shown actual size 10.5 mm Leads not shown	SGD-1/350-RY21	\$90.60	350	1.6	2.1	6.8	10.5	6	Ribbon Leads	ST	BTP-1
	SGD-1/350-RY23	90.60	350	(0.063)	(0.083)	(0.268)	(0.413)	8.5	Ribbon Leads	AL	
	SGD-1/350-RY81	73.60	350	Miniature rectangular, single plane rosette, compact geometry 350 Ω				6	Solder Pads	ST	
	SGD-1/350-RY83	73.60	350					8.5	Solder Pads	AL	
 Shown actual size 10.5 mm Leads not shown	SGD-2/350-RY11	\$95.00	350	2.0	2.0	6.8	10.5	6.5	Ribbon Leads	ST	BTP-1
	SGD-2/350-RY13	95.00	350	(0.079)	(0.079)	(0.268)	(0.413)	9.5	Ribbon Leads	AL	
	SGD-2/350-RY31	110.00	350	Small rectangular, single plane rosette, compact geometry 350 Ω				6.5	Solder Pads	ST	
	SGD-2/350-RY33	110.00	350					9.5	Solder Pads	AL	
 Shown actual size 13 mm Leads not shown	SGD-3/120-RY21	\$95.40	120	3.0	1.7	8.3	13	4.5	Ribbon Leads	ST	BTP-2
	SGD-3/120-RY23	95.40	120	(0.118)	(0.067)	(0.327)	(0.51)	6	Ribbon Leads	AL	
	SGD-3/120-RY81	78.40	120	Medium rectangular, single plane rosette, compact geometry 120 Ω				4.5	Solder Pads	ST	
	SGD-3/120-RY83	78.40	120					6	Solder Pads	AL	
 Shown actual size 13 mm Leads not shown	SGD-3/350-RY21	\$95.40	350	3.0	2.1	8.3	13	8.5	Ribbon Leads	ST	BTP-2
	SGD-3/350-RY23	95.40	350	(0.118)	(0.083)	(0.327)	(0.51)	12	Ribbon Leads	AL	
	SGD-3/350-RY81	78.40	350	Medium rectangular, single plane rosette, compact geometry 350 Ω				8.5	Solder Pads	ST	
	SGD-3/350-RY83	78.40	350					12	Solder Pads	AL	
 Shown actual size 21.4 mm Leads not shown	SGD-6/120-RY21	\$109.20	120	6.0	3.2	13.4	21.4	8.5	Ribbon Leads	ST	BTP-3
	SGD-6/120-RY23	109.20	120	(0.236)	(0.126)	(0.528)	(0.84)	12	Ribbon Leads	AL	
	SGD-6/120-RY81	92.20	120	Large rectangular, single plane rosette, compact geometry 120 Ω				8.5	Solder Pads	ST	
	SGD-6/120-RY83	92.20	120					12	Solder Pads	AL	
 Shown actual size 21.4 mm Leads not shown	SGD-6/350-RY21	\$109.20	350	6.0	3.1	13.4	21.4	14	Ribbon Leads	ST	BTP-3
	SGD-6/350-RY23	109.20	350	(0.236)	(0.126)	(0.528)	(0.84)	20	Ribbon Leads	AL	
	SGD-6/350-RY81	92.20	350	Large rectangular, single plane rosette, compact geometry 350 Ω				14	Solder Pads	ST	
	SGD-6/350-RY83	92.20	350					20	Solder Pads	AL	

DISCOUNT SCHEDULE	
1 to 10 pkgsNet
11 to 24 pkgs5%
25 to 49 pkgs10%
50 and up and OEMConsult Factory

† For dimensions key, see page 26.
 * Maximum permitted bridge energizing voltage (Vrms).
Note: For strain gage accessories see pages 59 to 61.
Ordering Example: SGD-3/350-RY21, rectangular planar rosette, package of 5, nominal resistance 350 Ω, \$95.40.

NOTE
 ST = Steel
 AL = Aluminum

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