



PRECISION STRAIN GAGE

PRECISION LINEAR PATTERN AND EXTRA LONG PATTERN

MOST POPULAR MODELS HIGHLIGHTED!



To Order (Specify Model Number)

	MODEL NO.	PRICE PER PKG OF 10	NOM. RESISTANCE (Ω)	DIMENSIONS mm (in) [†]				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD			
				GRID		CARRIER								
				A	B	C	D							
Shown actual size 17.7 mm Leads not shown	SGD-10/350-LY11	\$75	350	10.00 (0.394) 4.90 (0.193) 17.70 (0.697) 8.00 (0.315) Linear pattern, large size 350 Ω	22	Ribbon Leads	ST	BTP-5						
	SGD-10/350-LY13	75	350						32	Ribbon Leads	AL			
	SGD-10/350-LY41	69	350									22	Solder Pads	ST
	SGD-10/350-LY43	69	350											
Shown actual size 17.7 mm Leads not shown	SGD-10/1000-LY11	\$95	1000	10.00 (0.394) 4.90 (0.193) 17.70 (0.697) 8.00 (0.315) Linear pattern, large size, higher resistance, reduced heat generation 1000 Ω	40	Ribbon Leads	ST	BTP-5						
	SGD-10/1000-LY13	95	1000						55	Ribbon Leads	AL			
	SGD-10/1000-LY41	85	1000									40	Solder Pads	ST
	SGD-10/1000-LY43	85	1000						55	Solder Pads	AL			
Shown actual size 22.7 mm Leads not shown	SGD-13/350-LY11	\$95	350	13.00 (0.511) 7.20 (0.283) 22.70 (0.893) 10.00 (0.393) Linear pattern, grid length long 350 Ω	30	Ribbon Leads	ST	BTP-6						
	SGD-13/350-LY13	95	350						40	Ribbon Leads	AL			
	SGD-13/350-LY41	85	350									30	Solder Pads	ST
	SGD-13/350-LY43	85	350						40	Solder Pads	AL			
Shown actual size 22.7 mm Leads not shown	SGD-13/1000-LY11	\$125	1000	13.00 (0.511) 7.20 (0.283) 22.70 (0.893) 10.00 (0.393) Linear pattern, grid length long, higher resistance, reduced heat generation 1000 Ω	55	Ribbon Leads	ST	BTP-6						
	SGD-13/1000-LY13	125	1000						75	Ribbon Leads	AL			
	SGD-13/1000-LY41	115	1000									55	Solder Pads	ST
	SGD-13/1000-LY43	115	1000						75	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 15. * Maximum permitted bridge energizing voltage (Vrms).

Note: For strain gage accessories see pages 59 to 61.

Ordering Example: SGD-13/350-LY13, 13 mm grid, 350 Ω nominal-resistance strain gage, \$95.

NOTE
ST = Steel
AL = Aluminum

Extra-Long For Inhomogeneous Material

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)

	MODEL NO.	PRICE PER PKG OF 5	NOM. RESISTANCE (Ω)	DIMENSIONS mm (in) [†]				MAX V* (Vrms)	TERMINATION	TEMP COMP	TERM PAD			
				GRID		CARRIER								
				A	B	C	D							
Shown smaller than actual size 50 mm Leads not shown	SGD-30/120-LY40	\$105	120	25.00 (0.984)	8.00 (0.315)	40.00 (1.575)	12.00 (0.472)	12	Solder Pads	UNC	BTP-6			
	SGD-30/350-LY40	115	350	30.00 (1.181)	3.00 (0.118)	36.00 (1.417)	5.00 (0.197)					14	Solder Pads	UNC
	SGD-50/120-LY40	129	120	50.00 (1.969)	4.30 (0.169)	60.00 (2.362)	9.00 (0.354)							
	SGD-150/240-LY40	135	240	150.00 (5.906)	5.00 (0.197)	165.00 (6.496)	9.00 (0.354)					35	Solder Pads	UNC

[†] For dimensions key, see page 15. * Maximum permitted bridge energizing voltage (Vrms).

Note: For strain gage accessories see pages 59 to 61.

Ordering Example: SGD-30/120-LY40, 120 Ω nominal-resistance strain gage, \$105.

NOTE UNC = Uncompensated

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