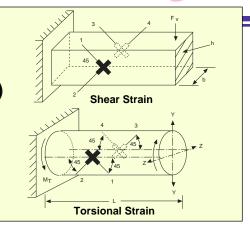
KARMA STRAIN GAUGES SHEAR AND TORQUE PATTERN GAUGES

NEW

- K-Series, Transducer Quality
- Available as Single ¼ Bridge, Single ¼ Matched Reversed Pattern, ½ Bridge with Separate Leads/Tabs, or ½ Bridge with Common Lead/Tab
- See Equations on Page E-12 and E-13

Custom Gages Available—Fast Delivery

OMEGA® offers K-Series strain gauges for shear and torsional strain applications. These strain gauges can be used in transducer design for shear beam load cells. They can also be used for reaction torque on a shaft. Single strain gauges are available, SGK-SS3A-K350U-**** and matched, but with opposite grid angle is the SGK-SS3B-K350U-****. The SGK-SD3A-K350U-**** and the SGK-SD3B-K350U-**** have 2 shear strain gauges, with opposite grid angles, on one carrier, with separate leads/tabs(electrically independent). The SGK-SDH3B-K350U-**** has 2 shear strain gauges, with opposite grid angles with a common lead/tab.



AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)										
SHOWN		PRICE PER PKG	RESIS- TANCE	DIMENSIONS mm (in) [†]						
ACTUAL				GRID		CARRIER		MAX V*		TEMP
SIZE	MODEL NO.	OF 5	(Ω)	Α	В	C	D	(Vrms)	TERMINATION	COMP
9.2 mm	SGK-SS3A-K350U-PC11-E	\$48	350	3.2 (0.126)	3.38 9.2 (0.133) (0.36 Single shear gauge 3		,	11	Solder Pads	ST
	SGK-SS3A-K350U-PC23-E	48	350	` /		,		15	Solder Pads	AL
9.2 mm	SGK-SS3B-K350U-PC11-E	52	350	3.2 (0.126)	3.38 (0.133)		4.7 (0.19)	11	Solder Pads	ST
	SGK-SS3B-K350U-PC23-E	52	350	,	Single shea	r gauge with	` <i>'</i>	15	Solder Pads	AL
9.8 mm	SGK-SD3A-K350U-PC11-E	48	350	3.2 (0.126)	3.38 (0.133)		8.5 (0.33)	11	Solder Pads	ST
	SGK-SD3A-K350U-PC23-E	48	350	,	Shear torque, 2 on one carrier 3	e, 2 gauges		15	Solder Pads	AL
10.2 mm	SGK-SD3B-K350U-PC11-E	52	350	3.2 (0.126)		10.2 (0.4)		11	Solder Pads	ST
	SGK-SD3B-K350U-PC23-E	52	350		Shear torqu	near torque, 2 gauges n one carrier 350 Ω		15	Solder Pads	AL
10.2 mm	SGK-SDH3B-K350U-PC11-E	56	350	3.2 (0.126)	3.38 (0.133)	(0.4) (0	9.4 (0.37)	11	Solder Pads	ST
	SGK-SDH3B-K350U-PC23-E	56	350		Shear half I common lead		, ,	15	Solder Pads	AL

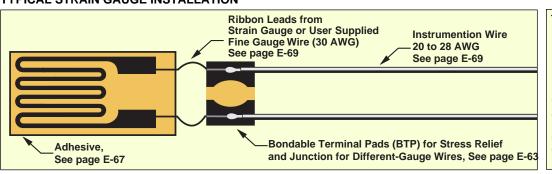
* Maximum permitted bridge energizing voltage (Vrms). **** PC11 or PC23. **Note:** For strain gauge accessories see pages E-56 to E-59.

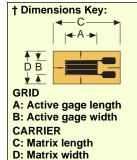
Ordering Example: SGK-SD3B-K350U-PC23-E, package of 5, Karma K-Series shear/torque pattern, with copper plated solder pads, half-bridge with 2 shear strain gauges, with opposite grid angles on one carrier, electrically independant, nominal resistance 350 Ω , \$52.

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



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