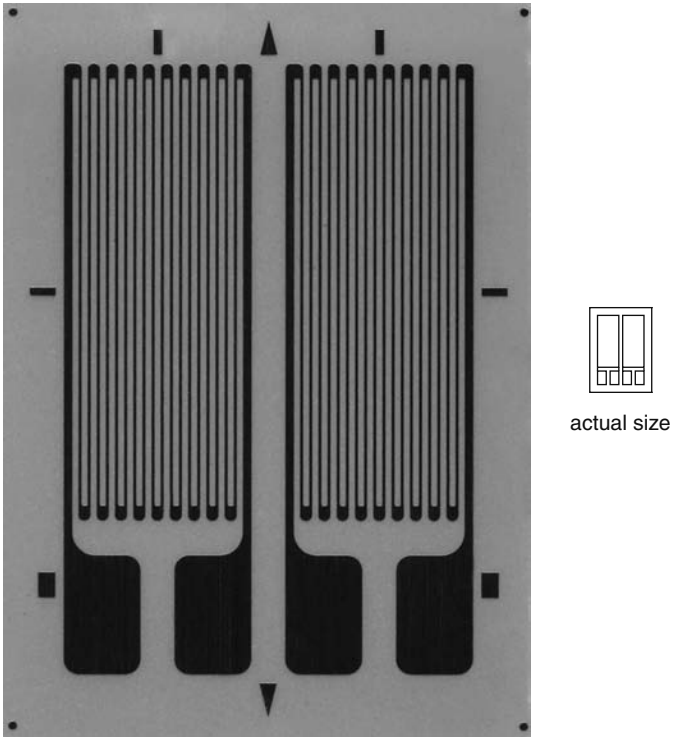


General Purpose Strain Gages - Linear Pattern

GAGE PATTERN DATA							
 <p>actual size</p>				GAGE DESIGNATION	RESISTANCE (OHMS)	OPTIONS AVAILABLE	
				See Note 1, 3	See Note 2	See Note 3	
				EA-XX-250PD-120	120 ± 0.2%	W, E, L, LE W, E, L, LE E W, SE W* W* W* W*	
				EA-XX-250PD-350	350 ± 0.2%		
				ED-DY-250PD-350	350 ± 0.4%		
				EK-XX-250PD-10C	1000 ± 0.2%		
				S2K-XX-250PD-10C	1000 ± 0.4%		
				WA-XX-250PD-120	120 ± 0.3%		
				WA-XX-250PD-350	350 ± 0.3%		
				WK-XX-250PD-350	350 ± 0.4%		
				WK-XX-250PD-10C	1000 ± 0.4%		
				SA-XX-250PD-120	120 ± 0.4%		
				SA-XX-250PD-350	350 ± 0.4%		
				SK-XX-250PD-350	350 ± 0.4%		
				SK-XX-250PD-10C	1000 ± 0.4%		
				SD-DY-250PD-350	350 ± 0.8%		
				WD-DY-250PD-350	350 ± 0.8%		
DESCRIPTION							
Dual-element pattern with longitudinal grid centerlines spaced 0.130 in [3.30 mm] apart. See also 250MQ pattern. EK-Series gages are supplied with duplex copper pads (DP) when optional feature W or SE is not specified.							
GAGE DIMENSIONS			Legend: ES = Each Section S = Section (S1 = Sec 1)	CP = Complete Pattern M = Matrix	<table border="1"> <tr><td>inch</td></tr> <tr><td>millimeter</td></tr> </table>	inch	millimeter
inch							
millimeter							
Gage Length	Overall Length	Grid Width	Overall Width	Matrix Length	Matrix Width		
0.250 ES	0.358 CP	0.110 ES	0.240 CP	0.44	0.32		
6.35 ES	9.09 CP	2.79 ES	6.10 CP	11.2	8.1		

GAGE SERIES DATA			
See Gage Series data sheet for complete specifications.			
Series	Description	Strain Range	Temperature Range
EA	Constantan foil in combination with a tough, flexible, polyimide backing.	±5%	-100° to +350°F (-75° to +175°C)
ED	Isoelastic foil in combination with tough, flexible polyimide film.	±2%	-320° to +400°F (-195° to +205°C)
EK	K-alloy foil in combination with a tough, flexible polyimide backing.	±1.5%	-320° to +350°F (-195° to +175°C)
S2K	K-alloy foil with laminated thick, high-performance polyimide backing.	±1.5%	-100° to +250°F (-75° to +120°C)
WA	Fully encapsulated constantan gages with high-endurance leadwires.	±2%	-100° to +400°F (-75° to +205°C)
WK	Fully encapsulated K-alloy gages with high-endurance leadwires.	±1.5%	-452° to +550°F (-269° to +290°C)
SA	Fully encapsulated constantan gages with solder dots.	±2%	-100° to +400°F (-75° to +205°C)
SK	Fully encapsulated K-alloy gages with solder dots.	±1.5%	-452° to +450°F (-269° to +230°C)
SD	Equivalent to WD Series, but with solder dots instead of leadwires.	±1.5%	-320° to +400°F (-195° to +205°C)
WD	Fully encapsulated isoelastic gages with high-endurance leadwires.	±1.5%	-320° to +500°F (-195° to +260°C)

Note 1: Insert desired S-T-C number in spaces marked XX.

Note 2: Tolerance is increased when Option W, E, SE, LE, or P is specified.

Note 3: Products with designations and options shown in bold are not RoHS compliant.

*Options available but not normally recommended. See Optional Features data sheet for details.

Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay Precision Group"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

The product specifications do not expand or otherwise modify Vishay Precision Group's terms and conditions of purchase, including but not limited to, the warranty expressed therein.

Vishay Precision Group makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, Vishay Precision Group disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.**

Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on Vishay Precision Group's knowledge of typical requirements that are often placed on Vishay Precision Group products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of Vishay Precision Group.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay Precision Group products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay Precision Group for any damages arising or resulting from such use or sale. Please contact authorized Vishay Precision Group personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.