HIGH TEMPERATURE series **EF** STRAIN GAUGES

Suffix code for temperature compensation materials -11: Mild steel



Applicable adhesives

es	CN	−196 ~ +120°C
	EB-2	–60 ~ +200°C
	C-1	−196~ +200°C
	NP-50B	–20 ~ +300°C

HIGH TEMPERATURE	USE, MINIATURE								
Gauge pattern			Basic type	Gauge L	e size W	Backing L W		Resist- ance Ω	
These gauges have a small grid pattern required for measurement of printed circuit boards and surface mounted devices, which are getting smaller and smaller. The backing of the gauges is made of polyimide resin. The maximum operaing temperature is $+300^{\circ}$ C for single element gauges and $+200^{\circ}$ C for two and three elements gauges. The lowest operating temperature is -196° C for both gauges.			E	Each package					
Single element Operating temperature range			–196°C					+300°C	
	Temperature compensation ra	ange	ange		+10°C		+150°C		
EFLK-02-	-11 (x3) Single element	EF	ELK-02-11	0.2	0.8	1.6	1.2	120	
EFLX-02-	11 (x3)	EF	ELX-02-11	0.2	0.8	1.8	1.2	120	
0°/90° 2-element Rosette 0°/45°/90° 3-element Rosette	Operating temperature range Temperature compensation range			0°C		+	— +2 150°C	200°C	
	0°/90° 2-element		ked type					100	
	Stacked Rosette		CA-05-11-002LE	0.5	0.4	φ 3.8	1.2	120	
EFRA-05-11 (x3	3) 0°/45°/90° 3-element Stacked Rosette	EF	RA-05-11-002LE	0.5	0.4	φ 3.8	1.2	120	
		N.B	002LE: Polyimide lea	adwire of	2-cm pr	e-attache	d		
HIGH & LOW TEM STRAIN GAUGES		-	perating temperature -269°C mperature compensi		ge appro	oximately		●+200°C	
Suffix code for temperature compensation materials			-196°C +80°C						
-11: Mild steel -17: Stainless steel -23: Aluminium Backing colors are all the same with different materials For ordering			Applicable ac	lhesives	CN –196		196 ~	~ +50°C √ ~ +120°C	
the above suffix code should be adde	C C 1 .				C-1		269 ~ ·	+200°C	
HIGH & LOW TEMPER			Gauge	e size	Back	ina	Resist-		
Gauge pa		Basic type	L W L W ance C L : length W : width (Unit:mm)						
These are strain gauges utilizing p backing and special alloy foil for range of operating temperature f to +200°C. This series is ava configuration with gauge length of 2	the grid. It features a wide rom cryogenic temperature ailable only in single axis	me	etal ceramic				·	·	
Single element				Each p	backage	e contain	is 10 g	auges.	
•			EFLA-1	1	0.5	4	2.2	120	
CEFLA-1 (x3)		EFLA-3	3	0.6	6.9	2.8	120	
Recommendable integral lead	wire for CEE series		EFLA-6	6	1	10.6	3.1	120	
Application			Operating temperature (°C)	Leadwire code exampled			ed		
	-wire twisted FEP 6FA_LT-F (No Tetra-Etch required for surfac -wire twisted FEP 6FB_LT-F	Tetra-Etch required for surface)		CEFLA-1-11-6FA3LT-F CEFLA-1-11-6FB3LT-F					
3	-wire twisted PTFE 4FA_LT-F -wire twisted PTFE 4FB_LT-F			CEFLA-1-11-4FA3LT-F CEFLA-1-11-4FB3LT-F					

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