HIGH TEMPERATURE series EF **STRAIN GAUGES**

Suffix code for temperature compensation materials -11: Mild steel





Applicable adhesives

	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 size L W	Backing L W	Resistance 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°C for single element gauges and +200°C for two and three elements gauges. The lowest operating temperature is -196°C for both gauges.		C€	Each package	contains 10 ga	auges.		
Single element	Single element Operating temperature range Temperature compensation range				+300°C		
_			+10°C	+150°C			
EFLK-02-11	(x3) Single element	EFLK-02-11	0.2 0.8	1.6 1.2	120		
EFLX-02-11	(x3)	EFLX-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	+150°C	200°C		
Rossiis		Stacked type					
	0°/90° 2-element Stacked Rosette	EFCA-05-11-002LE	0.5 0.4	φ 3.8 1.2	120		
EFRA-05-11 (x3)	0°/45°/90° 3-element Stacked Rosette	EFRA-05-11-002LE	0.5 0.4	φ 3.8 1.2	120		
11 .	Clasica (Coolie						

N.B. -002LE: Polyimide leadwire of 2-cm pre-attached

HIGH & LOW TEMPERATURE STRAIN GAUGES series

Suffix code for temperature compensation materials -11: Mild steel -17: Stainless steel -23: Aluminium

Backing colors are all the same with different materials For ordering, the above suffix code should be added to the basic gauge type

Operating temperature range -269°C € ●+200°C Temperature compensation range approximately -196°C **⋐** Applicable adhesives EA-2A -269 ~ +50°C CN -196 ~ +120°C

CFFI A-1-11-6FA3I T-F

u	the above suitive dode should be added to the basic gauge type.							200 0	
	HIGH & LOW TEMPERATURE USE								
	Gauge p	attern		Basic type	Gaug L	e size W	Back L	king W	Resistance Ω
1	These are strain gauges utilizing polyimide resin for the gauge backing and special alloy foil for the grid. It features a wide range of operating temperature from cryogenic temperature to +200°C. This series is available only in single axis configuration with gauge length of 1,3 and 6mm.		me	ceramic ceramic	L : le	ength	W : wid	th (Uni	t:mm)
	Single element	CE			Each	package	e contair	าร 10 g	jauges.
	•		CE	EFLA-1	1	0.5	4	2.2	120
	CEFLA-1	(3)	CE	EFLA-3	3	0.6	6.9	2.8	120
	OLI LIVI ()	•	CE	FLA-6	6	1	10.6	3.1	120
	Recommendable integral lea	adwire for CEF series							
	Application	Leadwires		Operating	Leadwire code exampled			led	

(No Tetra-Etch required for surface) 3-wire twisted FEP 6FB_LT-F	-269~ +200	CEFLA-1-11-6FB3LT-F
3-wire twisted PTFE 4FA_LT-F 3-wire twisted PTFE 4FB_LT-F	-269~ +260	CEFLA-1-11-4FA3LT-F CEFLA-1-11-4FB3LT-F

temperature (°C)

-269 ~ +200°C

3-wire twisted FEP 6FA_LT-F

High temperature