

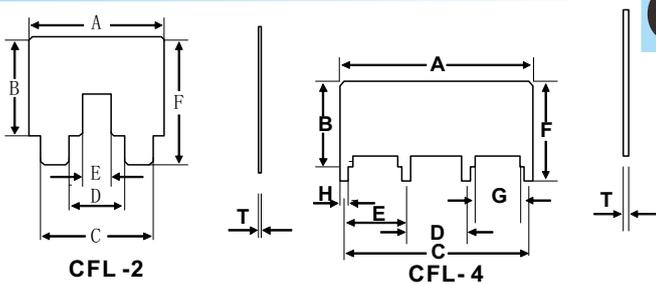
● Features

- I E-Beam welded construction, RoHS Compliant.
- II Max 55Amp continuous operating current.
- III Inductance less than 10nH.
- IV 2-terminal or 4-terminal Kelvin connections.

● Applications

- I Ideally suited for Electronic KWH-meter as sampling sensing shunts.
- II Custom designed shunts available.

● Dimensions



● Power And Resistance Tolerance

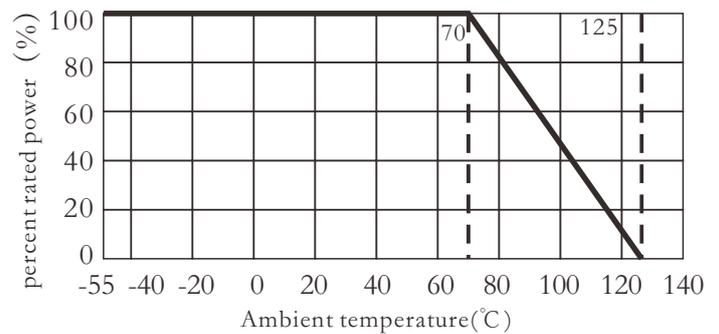
Type	Power rating	Resistance	Tolerance
CFL-2	2W	0.003Ω~0.010Ω	±1%, ±5%
CFL-4	5W	0.0005Ω~0.010Ω	

Type	A	B	C	D	E	F	G	H	T±0.05
CFL-2	15.6	14.0	13.6	4.0	1.2	17.0	/	/	0.32
	±0.10	±0.10	±0.10	±0.10	±0.10	±0.10	/	/	0.32
CFL-4	22.0	10.9	20.3	5.2	7.55	14.4	4.45	1.7	0.35~1.8
	±0.25	±0.25	±0.13	±0.13	±0.13	±0.25	±0.25	±0.13	0.35~1.8

● Performance

Testing Item	CFL-2	CFL-4	Test method
High Temp.Exposure	<1.0%R	<1.0%R	125°C , 1000h
Temp.Cycling	<0.5%R	<0.5%R	-55°C /125°C ,5cycles
Load life	<0.5%R	<0.5%R	70°C,A · R,1000h
Baised Humidity	<0.5%R	<0.5%R	40°C,RH93±3%,240h
Leaching	<0.5%R	<0.5%R	350±10°C,2.5s

● Derating Curve



● Reference Standards

Q/AT047-2007

● Ordering Information

Example	CFL	2	2W	20mΩ	±1%	±50PPM
	(1)	(2)	(3)	(4)	(5)	(6)
	Type	Style	Power(W)	Resistance	Resistance Tolerance	T.C.R (°C)

(1)Type:CFL

(2)Style:2,4

(3)Power:2W,4W

(4)Resistance:20mΩ

(5)Resistance Tolerance:±1%,±5%

(6)T.C.R: ±50PPM