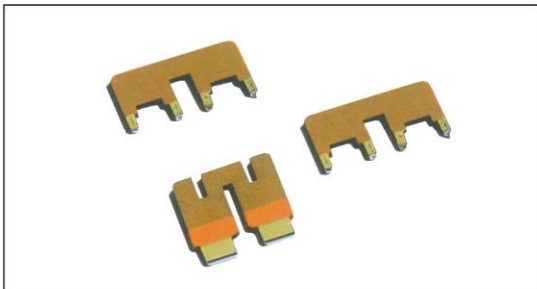
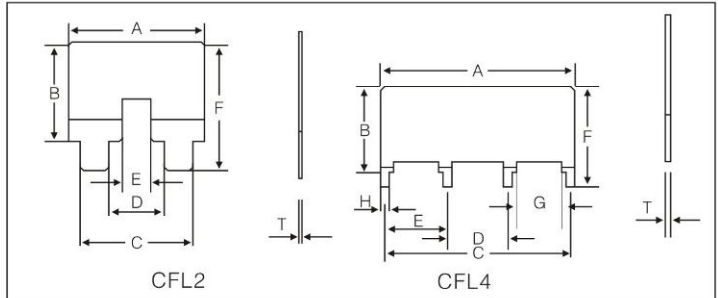


CFL(M) precision shunts



Construction



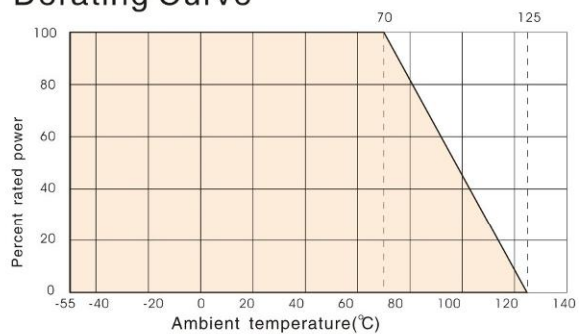
Features

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

Applications

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

Derating Curve



Reference Standards

Q/ATK047-2007

Derating Curve

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

Technical Specifications

Type	A	B	C	D	E	F	G	H	T±0.05
CFL-2	15.6 ±0.10	14.0 ±0.10	13.6 ±0.10	4.0 ±0.10	1.2 ±0.10	17.0 ±0.10	/	/	0.32
	17.2 ±0.10	10.0 ±0.10	15.2 ±0.10	5.6 ±0.10	1.2 ±0.10	13.0 ±0.10	/	/	0.32
CFL-4	22.0 ±0.25	10.9 ±0.25	20.3 ±0.13	5.2 ±0.13	7.55 ±0.13	14.4 ±0.25	4.45 ±0.25	1.7 ±0.13	0.35~1.8

(CFL-M mould insulation style)

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 _v , 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

How To Order

Example

CFL	2	2W	20mΩ	± 1%	± 50(10 ⁻⁶ /K)	Boxes
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
CFL	2 4	2W 4W	20mΩ	± 1% ± 5%	± 50(10 ⁻⁶ /K)	Boxes