

SHUNT FOR BMS

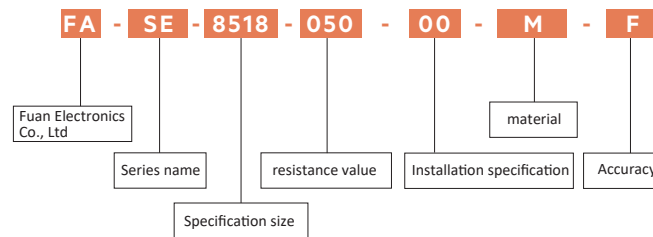
FASE8518 SERIES

FEATURES

- High Power Rating is up to 800A
- Element Material Temperature Coefficient $\leq 50\text{ppm}/^\circ\text{C}$
- Comply With RoHS Standards
- Special Specifications Can Be Customized
- Electron Beam Welding, Stable Performance
- Sustain High Temperature
- Resistance Values Down to $18\mu\Omega$
- Compatible with Vishay products
- AEC-Q200 Test

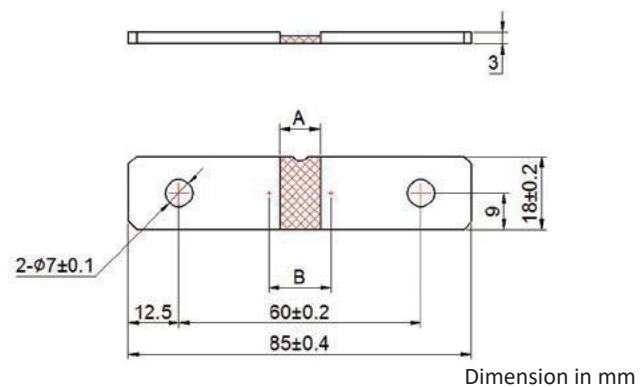
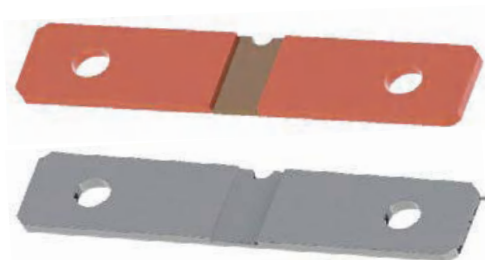
APPLICATIONS

- Frequency Converters
- Power Modules
- Uninterrupted Power Supply
- Current Sensor for Power Hybrid Applications
- Welding Equipment
- Electronic Battery Management
- High Current Applications For the Automotive Market
- Automatic Control Power Supply



ELECTRICAL CHARACTERISTICS FORM

FASE8518-00/14

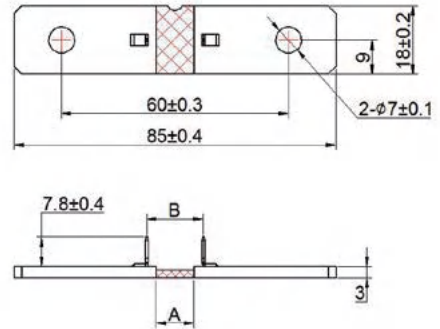


Part Number	Tolerance	TCR ppm/ $^\circ\text{C}$	Element Material	Resistance Value $\mu\Omega$	A Reference	B ± 0.2
Cleaning (FASE8518-00)	0.5%	≤ 150	Mn-Cu	50	4	8.7
Tin-plated (FASE8518-14)	1%			100	8	12.6
	2%			125	10	15.4
	5%			250	20	26

Product datasheet

ELECTRICAL CHARACTERISTICS FORM ELECTRICAL INFORMATION

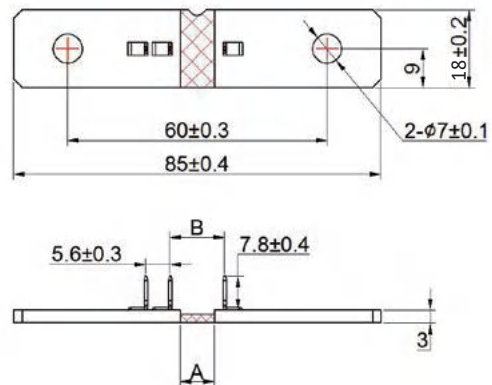
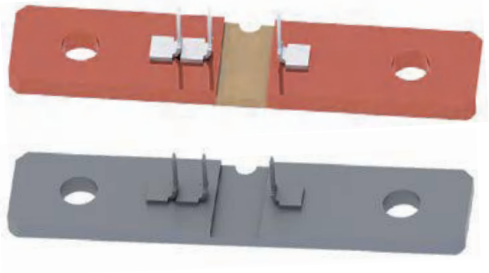
FASE8518-20/60 with Two Sense PINs



Dimension in mm

Part Number	Tolerance	TCR ppm/°C	Element Material	Resistance Value $\mu\Omega$	A Reference	B \pm 0.2
Cleaning (FASE8518-20)	0.5%	≤ 150	Mn-Cu	50	4	3.4
	1%			100	8	12.6
Tin-plated (FASE8518-60)	2%			125	10	14.9
	5%			250	20	26.1

FASE8518-40/80 with Three Sense PINs



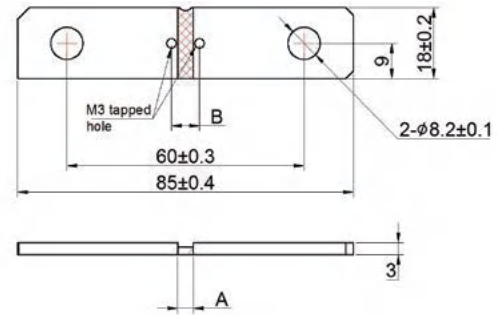
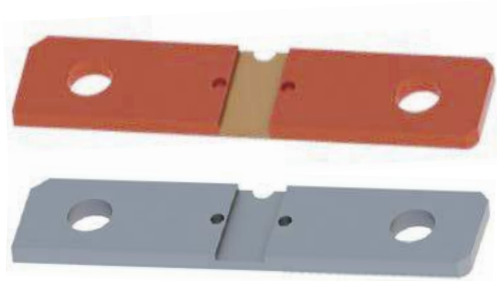
Dimension in mm

Part Number	Tolerance	TCR ppm/°C	Element Material	Resistance Value $\mu\Omega$	A Reference	B \pm 0.2
Cleaning (FASE8518-40)	0.5%	≤ 150	Mn-Cu	50	4	3.4
	1%			100	8	12.6
Tin-plated (FASE8518-80)	2%			125	10	14.9
	5%					

Product datasheet

ELECTRICAL CHARACTERISTICS FORM ELECTRICAL INFORMATION

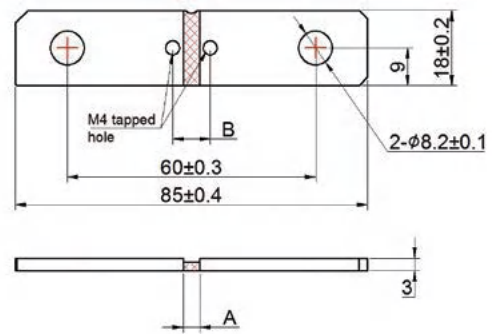
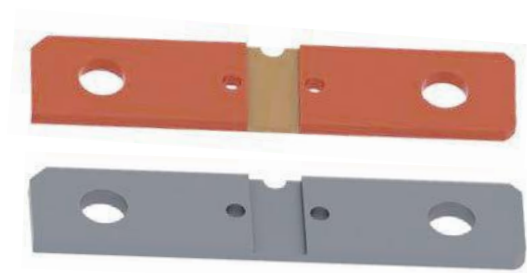
FASE8518-M3/P3 with M3 Tapped Holes



Dimension in mm

Part Number	Tolerance	TCR ppm/°C	Element Material	Resistance Value $\mu\Omega$	A Reference	B ± 0.2
Cleaning (FASE8518-M3)	0.5%	≤ 150	Mn-Cu	50	4	7.1
	1%			100	8	12.6
Tin-plated (FASE8518-P3)	2%			125	10	15
	5%			250	20	26.3

FASE8518-M4/P4 with M4 Tapped Holes



Dimension in mm

Part Number	Tolerance	TCR ppm/°C	Element Material	Resistance Value $\mu\Omega$	A Reference	B ± 0.2
Cleaning (FASE8518-M4)	0.5%	≤ 150	Mn-Cu	50	4	9.1
	1%			100	8	14.5
Tin-plated (FASE8518-P4)	2%			125	10	16.9
	5%			250	20	28.2

Product datasheet

Derating Curve Resistance Change VS Temperature

