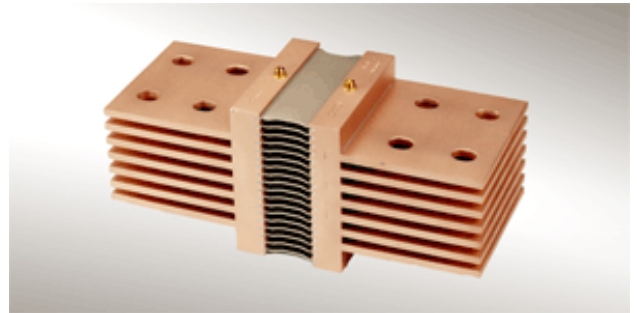


精密大電流シャント

PRECISION CURRENT SHUNTS

NSF2500, NSF3000, NSF4000,
NSF5000, NSF6000, NSF7000,
NSF8000, NSF9000, NSF10000



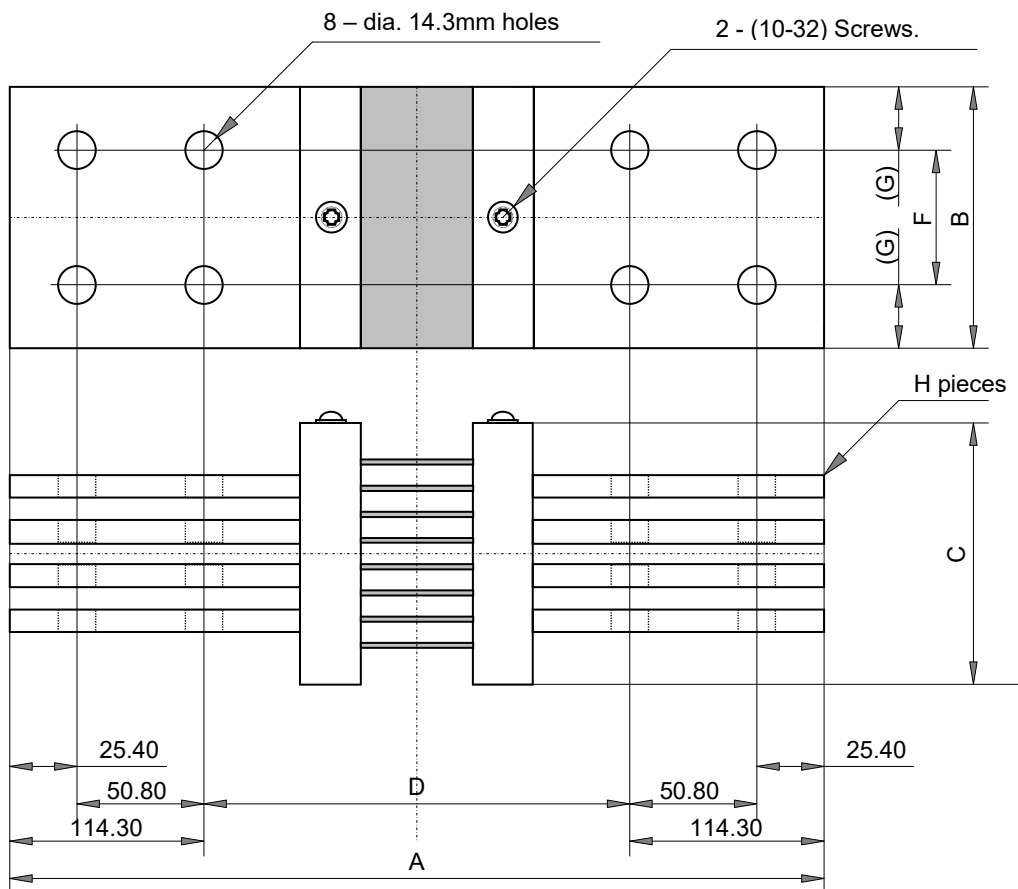
特長 用途

長期安定性、低熱電力、低温度依存性の大電流電流シャント
電力電流ブスターに実装し、電圧端子から電圧計に接続することによ
て、2500A から 10000A の大電流を正確に測定できます。
この電流シャントは、米国計測標準、NIST とのトレーサビリティを保有
する計測システムで校正します。
精密電源装置、パワーコンディショナ、電流計測器などに使用します。
10000A 以上の電流を計測される場合は、工場に問い合わせをして
ください。
この製品は、誤って規格以上に電流を流し、加熱したときは、精度が劣
化する場合がありますが、有償で修理を受け賜ります。

Features and Applications

Large current shunt resistors for ampere-meters, designed for
power electric equipment.
Excellent long-term stability, low emf and low TCR.
Easy current measurement is performed by attaching to
current bus directory and connecting to ampere-meter through
flexible wires.
All of shunts are calibrated on equipment with current
certifications traceable to US - N.I.S.T
For high precision power supply, power converters, and
current measurement instruments.
Requirement for over 10,000A shunts, please call factory.

外形寸法 Dimensions (mm)



Thickness and gap of terminal blades are equal as 6.35mm.

精密大電流シャント

PRECISION CURRENT SHUNTS

NSF2500, NSF3000, NSF4000, NSF5000, NSF6000, NSF7000, NSF8000, NSF9000, NSF10000

外形寸法 Dimensions (mm)

mm	NSF2500 -50	NSF3000 -50	NSF4000 -50	NSF5000 -50	NSF6000 -50	NSF7000 -50	NSF8000 -50	NSF9000 -50
A	320.68	320.68	320.68	320.68	320.68	320.68	320.68	320.68
B	101.6	101.6	101.6	101.6	101.6	127	127	127
C	38.1	50.8	76.2	76.2	101.6	101.6	101.6	101.6
D	168.28	168.28	168.28	168.28	168.28	168.28	168.28	168.28
F	50.8	50.8	50.8	50.8	50.8	63.5	63.5	63.5
G	25.4	25.4	25.4	25.4	25.4	31.75	31.75	31.75
H	2	3	4	4	5	5	6	6

mm	NSF2500 -100	NSF3000 -100	NSF4000 -100	NSF5000 -100	NSF6000 -100	NSF7000 -100	NSF8000 -100	NSF9000 -100
A	361.95	361.95	361.95	361.95	361.95	361.95	361.95	361.95
B	101.6	101.6	101.6	101.6	101.6	127	127	127
C	38.1	50.8	76.2	76.2	101.6	101.6	101.6	101.6
D	209.55	209.55	209.55	209.55	209.55	209.55	209.55	209.55
F	50.8	50.8	50.8	50.8	50.8	63.5	63.5	63.5
G	25.4	25.4	25.4	25.4	25.4	31.75	31.75	31.75
H	2	3	4	4	5	5	6	6

Dimensions tolerance: ±0.381mm for hole diameters. All other dimensions have a ±0.762mm tolerance.

品目番号 Ordering Information

Style	Rated Current in A	Voltage in mV	Tolerance	Code
NSF	2500	-50	C	Z00
NSF	3000	-50	C(+/-0.25%)	Z00
	4000	-100		
	5000	(1)	(1)	
	6000			
	7000			
	8000			
	9000			
	10000			

- (1) 60mV, 75mV available
- (2) Accuracy will be assure B(+/-0.1%) in option.
- (3) Recommended operation current shall be 2/3 of their rated current.

性能 Performances

	NSF2500	NSF3000	NSF4000	NSF5000	NSF6000	NSF7000	NSF8000	NSF9000	NSF10000
Rating Current (A)	2500	3000	4000	5000	6000	7000	8000	9000	10000
Operating Current (A)	1666	2000	2670	3330	4000	4670	5330	6000	6670
Output Volt. (mV)	50 or 100								
Cal. Resistance(mΩ)	Resistance is based on the amperage and millivolt rating, nominal resistance is calculated using Ohms law.								
Tolerance (%)	+/-0.25% (C)								
Operating Temp. (°C)	+30 to +70 deg C measured at center of manganin strips								
Storage Temp. (°C)	-55°C to + 80 °C								
Weight (Kg)	Please call factory								

The way to reduce the operating temperature, such as forced air, increasing physical size, adding heat sink to the blocks, designing for water cooling, and etc.

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