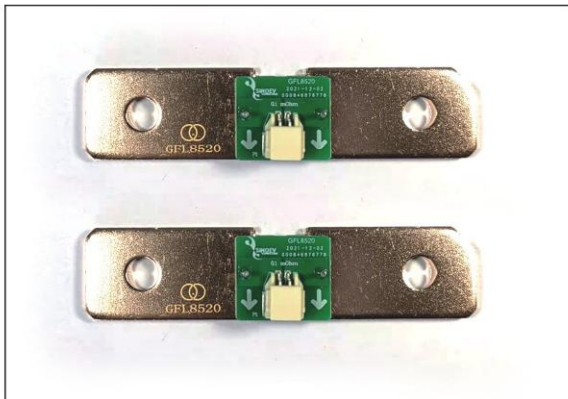
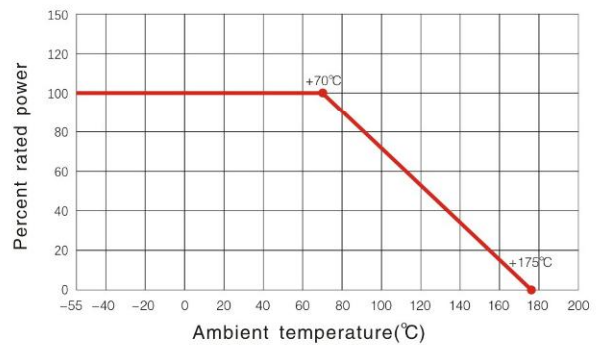


# GFLEV8520 PRECISION SHUNT



## Derating Curve



## Product features:

- Kelvin connection
- Excellent Longterm Stability
- Electron beam welding process
- AEC-Q200 compliant

## Application:

- Power supply module
- Switching Mode Power Supply
- Frequency converter
- Current sampling system
- Charging pile
- Electrocar

## Outline and Dimensions:

Test end structure	Outline and Dimensions
Riveting pin type	
Rivet Pin Top Tin soldering PCB board type	
Through Hole	
Standard	

# GFLEV8520 PRECISION SHUNT



## ■ Specification :

Type	Resistance Value	Tolerance	Rated Current	Operating Temperature	Test end structure	
GFLEV8520B-0.1mΩF	0.1mΩ	± 1.0%	350A	-40°C~125°C	Riveting pin type	
GFLEV8520B-0.1mΩD		± 0.5%				
GFLEV8520B-0.1mΩC		± 0.2%				
GFLEV8520C-0.1mΩF		± 1.0%			Rivet Pin Top Tin soldering PCB board type	
GFLEV8520C-0.1mΩD		± 0.5%				
GFLEV8520C-0.1mΩC		± 0.2%				
GFLEV8520E-0.1mΩF		± 1.0%				Through Hole
GFLEV8520E-0.1mΩD		± 0.5%				
GFLEV8520E-0.1mΩC		± 0.2%				
GFLEV8520F-0.1mΩF		± 1.0%			Standard	
GFLEV8520F-0.1mΩD		± 0.5%				
GFLEV8520F-0.1mΩC		± 0.2%				

## ■ Type introduction :

Model Number	Size Code	Test End Structure Code	-	Resistance Value	Resistance Accuracy
GFLEV	Shunt—dimensions (length, width)	A:PCB mounting type	-	Shunt resistance value	J: ± 5%
		B:Rivet pin type			G: ± 2%
		C:Riveting pin with soldered PCB on top			F: ± 1%
		D:Threaded hole type (rivet nut)			D: ± 0.5%
		E:Through-hole type			C: ± 0.2%
		F:Standard type			
Remarks	1. This code is composed of the length and width of the material. 2. When the length/width dimension is with decimal, fill in the whole number after rounding up.	-	Interval symbol, meaningless	1. Nominal resistance value $\geq 100 \mu\Omega$ , the unit is $m\Omega$ . 2. When the nominal resistance value is $<100\mu\Omega$ , the unit is $\mu\Omega$ .	The rest of the nominal precision according to the actual precision, for example: $\pm 3\%$