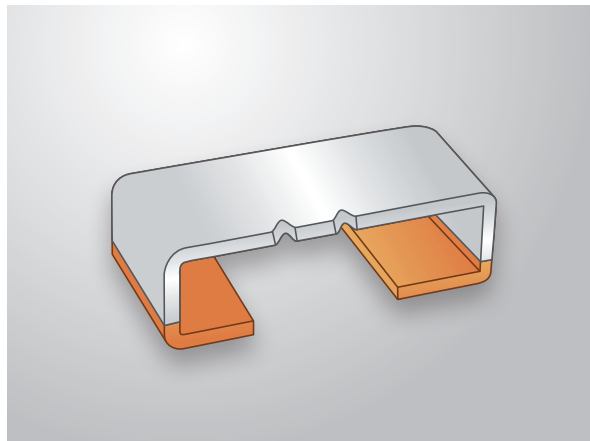


“High Power Metal Alloy Strip Resistors Battery Shunt Resistor Electron Beam Welding Construction”



• FEATURES

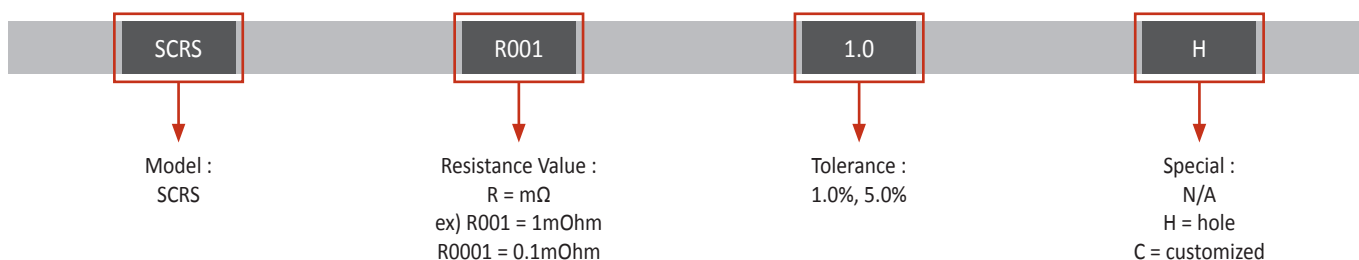
- Up to 2W permanent power
- Continuous current load up to 30A
- Shunt available with tinned or untinned terminals
- Further versions with various dimensions upon request
- Electron beam welding construction
- Very low ohmic resistor
- Ideal for all types of current sensing, voltage division and pulse applications including switching and linear power supplies, instruments, power amplifiers
- Proprietary processing technique produces extremely low resistance values (down to 0.0005Ω)
- Specially selected and stabilized materials allow for high power ratings
- Solderable terminations



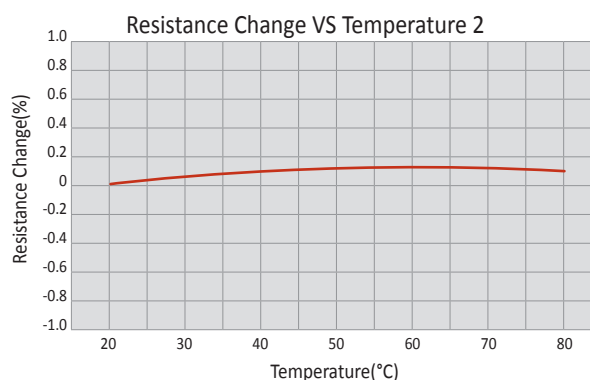
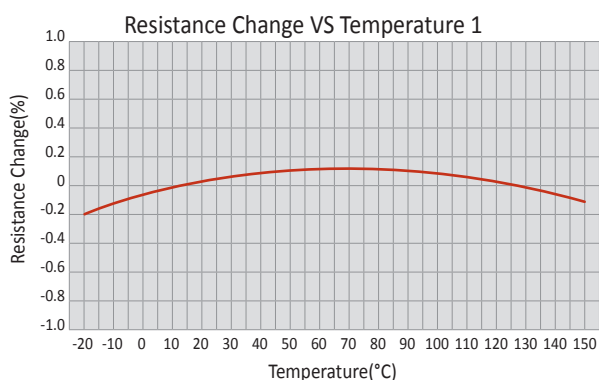
• TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Resistance Values	mOhm	2 ~ 20mOhm
Tolerance	%	1.0 % , 5.0%
Temperature Coefficient	ppm/K	from 50ppm/K (20°C to 60°C)
Applicable temperature range	°C	-40 to +170°C
Load capacity	W	up to 2W (2mOhm)
Stability (Normal load) deviation Tk = Terminal temperature	%	<1.0% after 2000h (Tk=120°C)

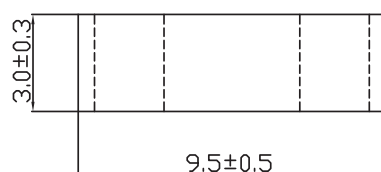
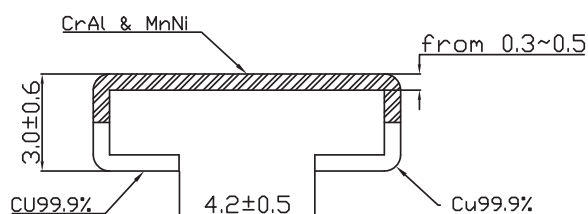
• ORDERING CODE



• TEMPERATURE COEFFICIENT OF RESISTANCE CURVES

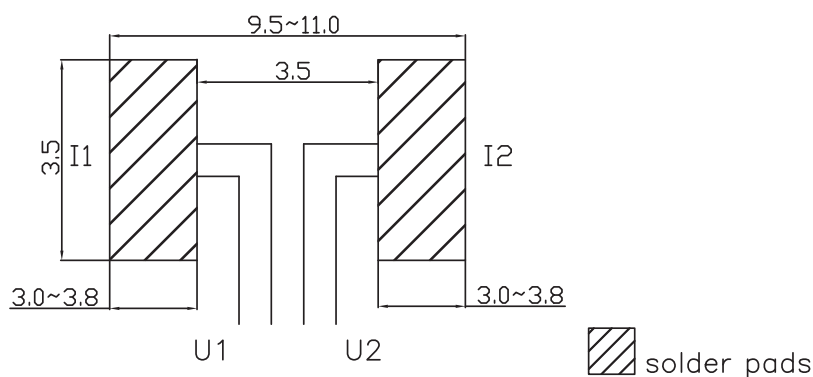


• DIMENSIONS(millimeters)



R (mohm)	T (mm)
3, 5 , 10, 20	0.3 ~0.5

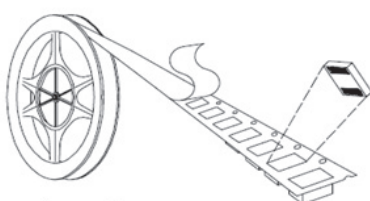
*pcb—layout



• APPLICATION

- Current sensing module for BMS (Battery Management System), Standby power control
- ESS (Energy Storage System), Power modules
- Hybrid Vehicles, IBS (Intelligent Battery System)
- Electric Vehicles, Electronic Battery System
- Invertor, Converter, UPS (Uninterrupted Power Supply), SMPS (Switching Mode Power Supply)
- Electronic Energy Meter, Automatic Meter Reading System (Standard, E-type, G-type)

• PACKAGING



MODEL	TAPE & REEL INFORMATION	
	PIECES/REEL	TAPE WIDTH
SCRS	2500 pcs	Ø 330mm (13")