



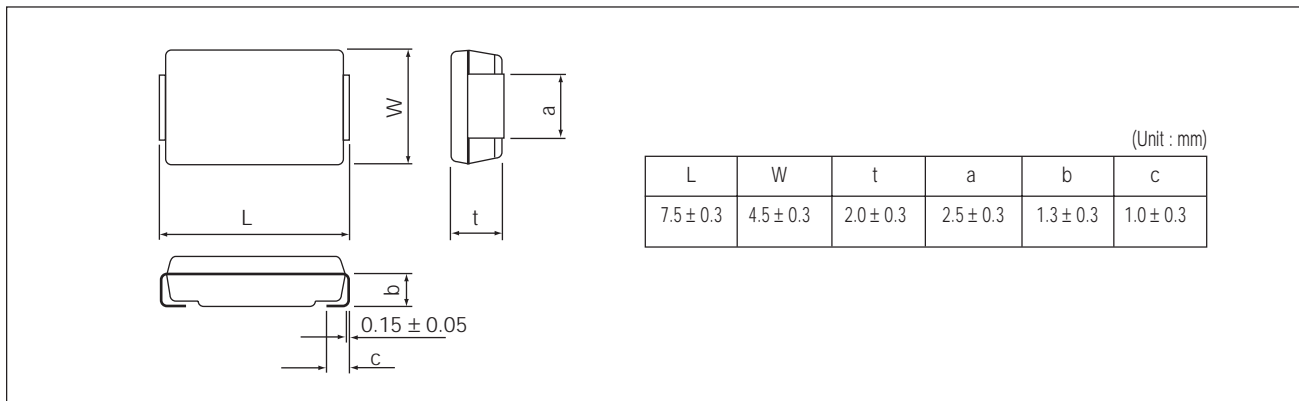
SHUNT CHIP RESISTORS

T Y P E S C R

FEATURES

This surface mount shunt chip resistor was newly developed for ideal applications in detecting electric currents through the area of power source mainly for a DC-DC converter or battery checker. It is provided with ultra low resistance values and high power. The external package is made of non-inflammable mold resin.

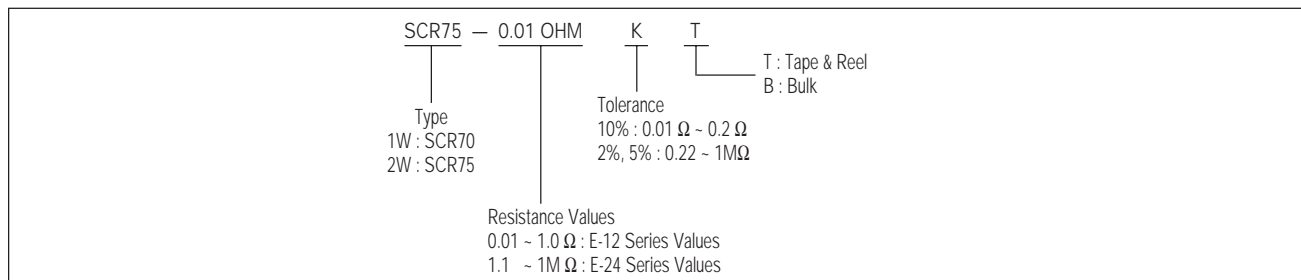
DIMENSIONS



RATING

Power Rating	1W : SCR70; 2W : SCR75
Rated Ambient Temperature	R < 0.3 Ω : +40°C R ≥ 0.3 Ω : +70°C
Rated Voltage	As per the formula $E = \sqrt{P \times R}$ Not over max. operating voltage
Max. Operating Voltage	300V
Max. Overload Voltage	600V
Operating Temp. Range	-55 ~ +180°C
Resistance Range	0.01 ~ 1.0 Ω : E-12 Series Values 1.1 ~ 1M Ω : E-24 Series Values
Temperature Coefficient	R ≤ 10 Ω : ±100 PPM/°C R > 10 Ω : ±200 PPM/°C
Resistance Tolerance	0.01 ~ 0.2 Ω : ±10% 0.22 ~ 1M Ω : ±5%; 2%
Test Methods	Per EIAJ RC 8001 Per JIS 5202

ORDERING INFORMATION



EIA STANDARD RESISTANCE VALUES

E-12	100	120	150	180	220	270	330	390	470	560	680	820												
E-24	100	110	120	130	150	160	180	200	220	240	270	300	330	360	390	430	470	510	560	620	680	750	820	910