



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RCS Series

Current Sensing Shunts
77 Amp - 173 Amp

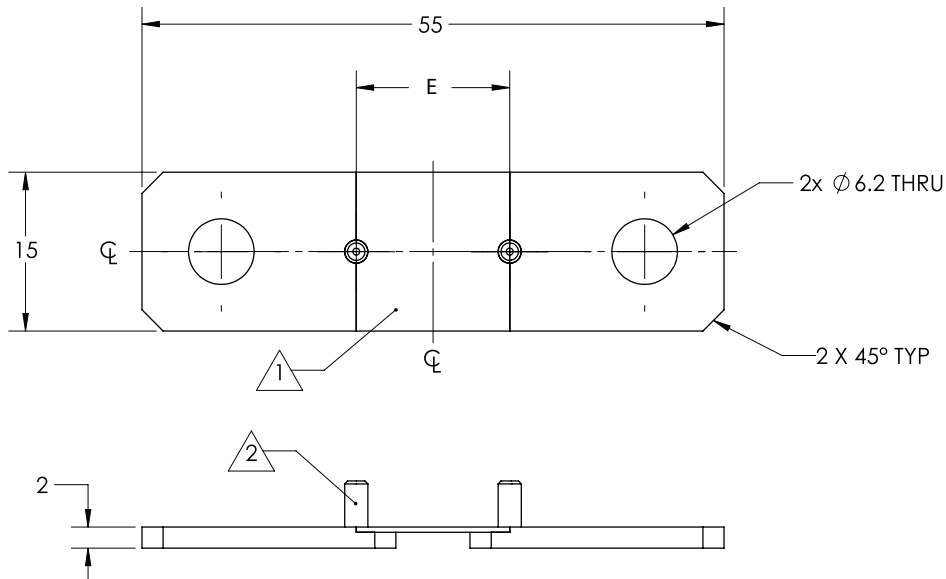


- 3W Power
- 77 Amp to 173 Amp
- 0.1 - 0.5 mOhm Resistance Values
- Simple 4-port Kelvin Structure
- All Welded Construction
- Common Applications: Switchgear, Welding, Power Supply

SPECIFICATIONS				
Type	Resistance (mOhm)	Current (A)*	Max Current (A)*	Dimension E (mm)
RCS1	0.1	173	865	7
RCS2	0.2	122	610	9.6
RCS3	0.3	100	500	12
RCS4	0.4	86	430	14.5
RCS5	0.5	77	385	17.5

*Note: Current & Max current based on bus-bar mounting

All dimensions are nominal (mm)



1 — Black epoxy paint over resistance element

2 — #2-56 threaded stainless steel studs 4.2mm protrusion, or 0.8mm thru hole for no stud option

Ordering Information

Part Description: Part Type - OHM - Tolerance - NS (without studs option)

Example: **RCS1 0.0001 OHM 5%**

RCS Series

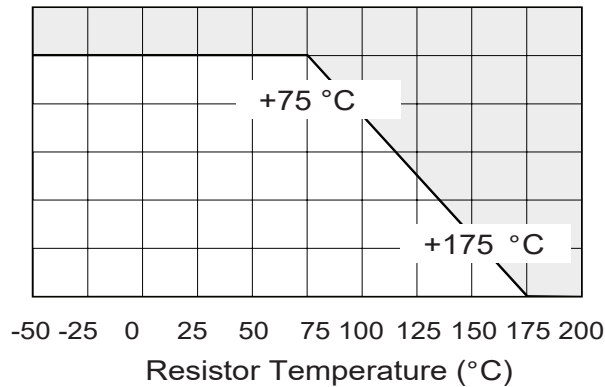
Current Sensing Shunts
77 Amp - 173 Amp



SPECIFICATIONS	
Resistance Values	0.1 to 0.5 mOhm
Tolerance	±1% or ±5%
TCR	+0 to +100 ppm, please see below
Power	3W
Max Power	100W / 0.1s
Storage Temperature	-55 to +125 C
Operating Temperature	-55 to +175 C
Materials	Contact: Nickel plated Copper Element: Black epoxy paint over Manganin

Power Derating

% Rated Power



Manganin Temperature Coefficient of Resistance ±15 PPM/C

