

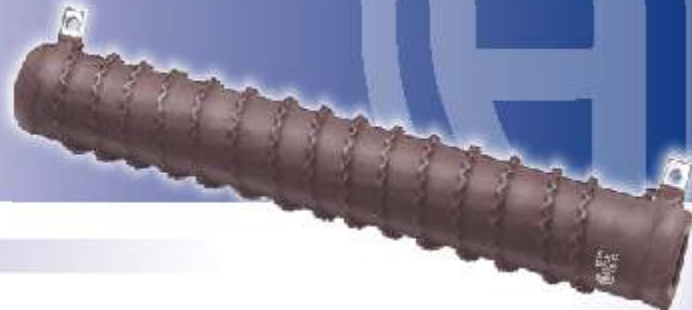
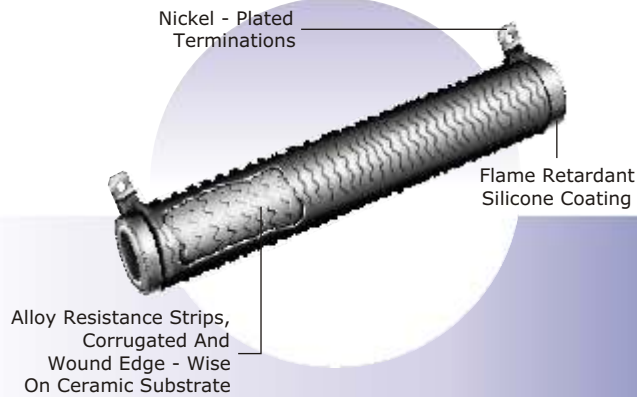


**WIRE WOUND RESISTORS
SILICONE COATED TYPE**

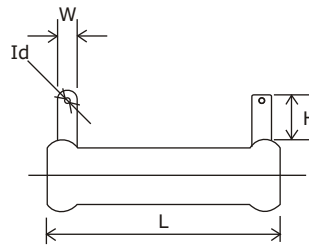
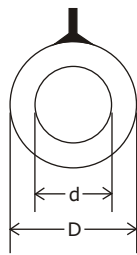
**RSR
SERIES**

EDGE WOUND

Silicone Coated Power Resistor
Heavy Duty Industrial Applications



PHYSICAL CONFIGURATION



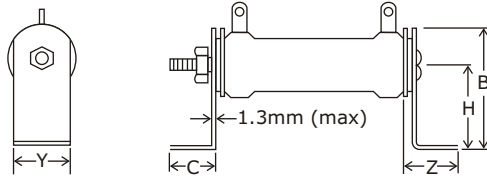
HTR TYPE	POWER RATING at 70°C	DIMENSIONS (mm)						MOUNTING HARDWARE AVAILABLE	RESISTANCE RANGE	
		L ±3	* D ±2	d ±1	W ±0.35	Id ±0.3	H +2/-0		min	max
RR120A	120W	115.0	29.0	19.1	6.35	1.65	8.5	103/303	R10	4R0
RR120B	120W	115.0	29.0	19.1	8.0	4.3	11.0	103/303	R10	4R0
RR150A	150W	140.0	29.0	19.1	6.35	1.65	8.5	103/303	R10	5R0
RR150B	150W	140.0	29.0	19.1	8.0	4.3	11.0	103/303	R10	5R0
RR200A	200W	200.0	29.0	19.1	6.35	1.65	8.5	103/303	R10	7R0
RR200B	200W	200.0	29.0	19.1	8.0	4.3	11.0	103/303	R10	7R0
RR300A	300W	250.0	40.5	24.0	6.35	1.65	8.5	104/304	R10	10R
RR300B	300W	250.0	40.5	24.0	8.0	4.3	11.0	104/304	R10	10R
RR400A	400W	300.0	40.5	24.0	6.35	1.65	8.5	104/304	R10	14R
RR400B	400W	300.0	40.5	24.0	8.0	4.3	11.0	104/304	R10	14R
RR500A	500W	300.0	50.0	27.0	6.35	1.65	8.5	104/304	R10	18R
RR500B	500W	300.0	50.0	27.0	8.0	4.3	11.0	104/304	R10	18R

* D-Dimensions given are indicative and could exceed tolerances given depending on resistance value being wound.
* Resistor types suffixed with 'A' are compatible with Amp 250 connectors.

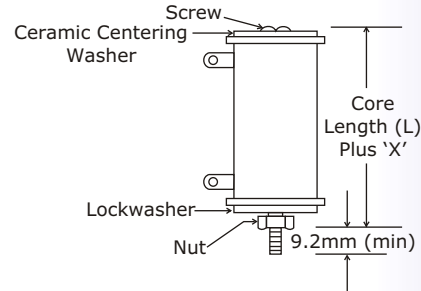


MOUNTING SPECIFICATIONS

HORIZONTAL THRU-BOLT



VERTICAL THRU-BOLT



BRACKET TYPE	Y ±1.0mm	Z ±2mm	H ±2mm	MOUNTING SLOT ±1.0mm	C ±2mm	B ±2mm
103	31.5	30.0	35.0	7.1 x 11.11	22.22	53.98
104	48.0	31.5	56.88	7.1 x 11.11	23.22	82.0

BRACKET TYPE	X (APPROXIMATE) (mm)
303	15.0
304	16.0

ELECTRICAL DATA

RESISTANCE TOLERANCE : ± 10% [K] - [STD]; ± 5% [J] - on request

TYPICAL APPLICATIONS

In RSR Series, a corrugated alloy tape is wound edgewise or flat onto a ceramic tube which is coated with a silicone resin.

This ribbed construction puts both sides of the resistive element in contact with air thus creating a convection area four times greater than that obtained with normal wire wound resistors.

These resistors are designed primarily to withstand heavy overload surges upto max 7 times their rated wattage for 10 to 15 seconds (max). This characteristic makes them most suitable for controlling motors requiring high dissipation, low resistance values and high current capacity.

ORDERING INFORMATION

