

**SURE RESISTORS****SSE – ‘SURE’ SILICON COATED RADIAL TERMINAL EDGE WOUND TYPE WIRE WOUND RESISTOR.****FEATURES**

- Wave edge wound winding
- Robust - Welded Construction
- High temperature silicone coating with flame proof property.
- Capable to take overloads
- Low temperature coefficient
- Exceptional stability and performance
- Fixed taps and adjustable tags available

SPECIFICATIONS:

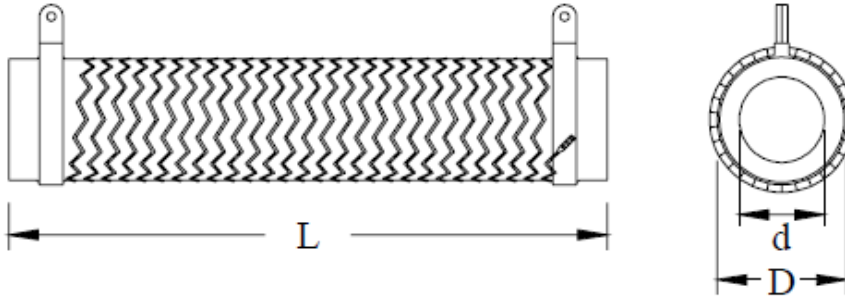
Ohmic range	0.05 to 30 (std. Resistances from e-24 series. Other resistances available on request).
Tolerance	±5%
Power ratings (based on 25° c)	80w to 3000w
Temperature coefficient	±50ppm
Surface temperature	350° c max at 25° c
Derate at zero	At 350° c.
Overload	10 times the wattage applied for 5 seconds
Operating temperature	-55° c to 200° c
Dielectric voltage	1000v from mounting terminals to hardware.

TECHNOLOGY

SSE: Resistor is made by fully welded construction using superior material and processed in the controlled atmosphere so as to give very high value addition in the form of reliability and long life. The Resistive material strip is wound on it edge on the former.

MATERIALS USED:

- CORE: Ceramic
- TERMINALS: Brass/SS/Copper
- WIRE : Cu-Ni Alloy Strips
- COATING: Silicon Varnish

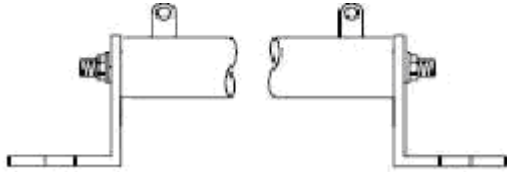
MECHANICAL DATA**DIMENSIONS (mm)**

TECHNICAL SPECIFICATIONS						
Type no.	Watts at 40°C	Resistance range		Ceramic tube dimensions(mm)		
		Min	Max	L±2.0	D±1.0	d±0.5
SSE – 80	80	0R12	5E	92	30	20
SSE – 100	100	0R16	4E	150	30	20
SSE – 150	150	0R24	6E	200	30	20
SSE – 250	250	0R4	10E	250	30	20
SSE – 300	300	0E5	12E	300	38	28
SSE – 400	400	0E16	16E	300	50	38
SSE – 500	500	0E2	20E	350	50	38
SSE – 600	600	0E25	24E	375	50	38
SSE – 1000	1000	0E4	40E	450	50	38
SSE – 1500	1500	0E6	30E	450	75	55
SSE – 2000	2000	0E8	40E	525	75	55
SSE – 3000	3000	1E2	60E	600	75	55

Please note: Mounting Brackets are also available for horizontal and vertical mounting.

MOUNTING OPTIONS:

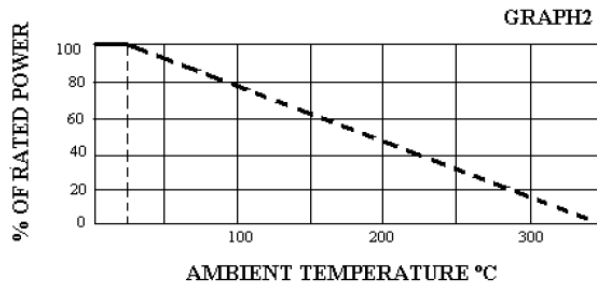
TYPE 1



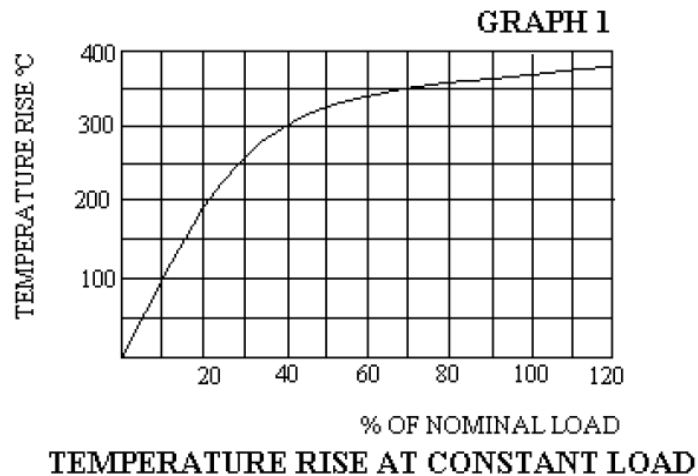
ELECTRICAL CHARACTERISTICS

DERATING

1. For Efficient And Long Life Operation, These
2. Resistors Should Be Derated By More Than 50%.
3. Operating Temperature Range -55 to +200°C.
4. Derating Necessary For High Ambient
5. Temperatures As Shown In Graph2



DERATING: 100% @ 25° C TO 0% @ 350° C



TEMPERATURE RISE AT CONSTANT LOAD