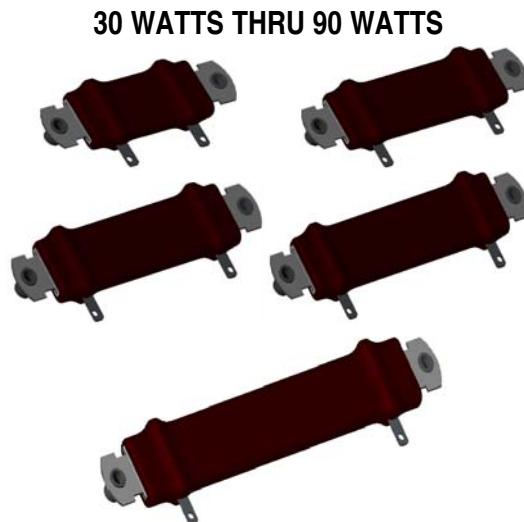
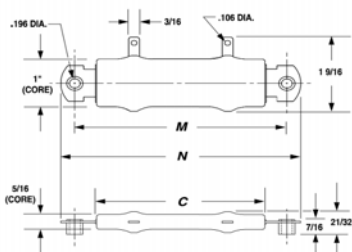


FVOT / FSOT STANDARD OVAL WIREWOUND RESISTORS

H.E.I. Standard Oval Wirewound Resistors are ideally suited for applications where high power dissipation is desired in a small area. A thin oval cross section and flat mounting brackets allow stacking into compact units. The metal mounting brackets extend through the resistor core and equalize heat distribution while conducting heat directly into the mounting surface.



FVOT - VITREOUS FSOT - SILICONE

NOTE: Wattage Rating is based upon a single resistor mounted on a 10" X 10" X .040" steel mounting surface or equivalent. See derating charts for stacked resistors or higher ambient temperatures.

DIMENSION INFORMATION				
TYPE	WATT	C	M	N
		+/- .032 (0.8)	+/- .032 (0.8)	+/- .032 (0.8)
FSOT-30	30	1.25 (31.8)	2.00 (50.8)	2.50 (63.5)
FSOT-40	40	2.00 (50.8)	2.75 (69.9)	3.25 (82.6)
FSOT-55	55	3.50 (88.9)	4.25 (108.0)	4.75 (120.7)
FSOT-65*	70	4.75 (120.7)	5.50 (139.7)	6.00 (152.4)
FSOT-75*	95	6.00 (152.4)	6.75 (171.5)	7.25 (184.2)

* - Not available in vitreous coating

inches (mm)

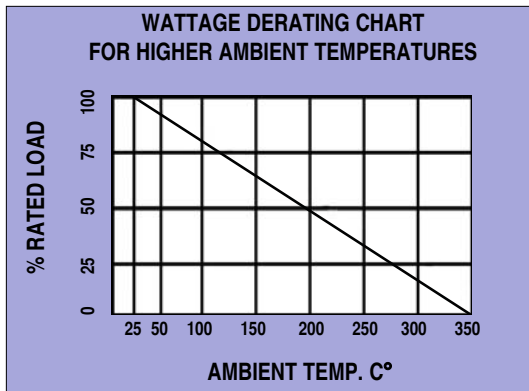
ORDER INFORMATION

FVOT - 30 - 200 - 5% - NI

TYPE: V=VITREOUS, S=SILICON
 RESISTANCE VALUE
 ADD FOR SPECIAL TOLERANCE
 ADD FOR NON-INDUCTIVE

ENGINEERING DATA AND ORDER OPTIONS

- RESISTANCE TOLERANCE:** Standard tolerance is $\pm 5\%$ for 1 ohm and greater and $\pm 10\%$ for less than 1 ohm. If other than standard tolerance is required add this tolerance as shown.
- MOUNTING BRACKETS:** Constructed of aluminum and are an integral part of the resistor.
- NON-INDUCTIVE:** Ayrton-Perry type non-inductive winding is available. When required add "NI" as shown
- TEMPERATURE COEFFICIENT:** ± 400 PPM/ $^{\circ}$ C 1 Ω to 20 Ω , ± 260 PPM/ $^{\circ}$ C 20 Ω and above. (Special TC's are available, consult factory.)
- DIELECTRIC WITHSTANDING VOLTAGE:** 500 VAC measured from terminals to mounting brackets.
- OVERLOAD:** 10 X rated wattage for 5 seconds.
- TERMINALS:** Hot tin dipped are standard.
- COATING:** Available in Vitreous Enamel or Silicone.
- CORE:** Steatite ceramic.



WATTAGE DERATING FOR MULTIPLE STACKED RESISTORS		
Number of Resistors	% Of Single Unit Rating	% with a 3/32" Spacer
2	75	80
3	60	70
4	50	65