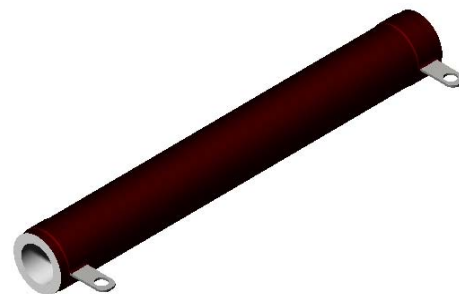
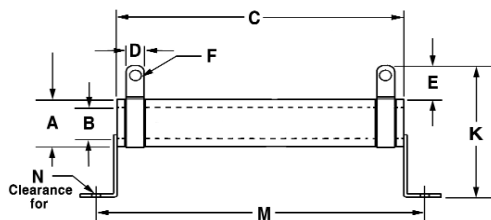




FVT / FST WIREWOUND RESISTORS

H.E.I. Fixed Wirewound Resistors are constructed with steatite ceramic cores and terminated with welded terminals and wound with the finest alloy resistance wires welded to the terminals. Our special formula of vitreous enamel (**FVT**) or silicone (**FST**) coatings are then used to insulate the resistors. This construction insures long life, durability, and reliability.

25 WATTS THRU 225 WATTS



FVT - VITREOUS FST - SILICONE

DIMENSION INFORMATION

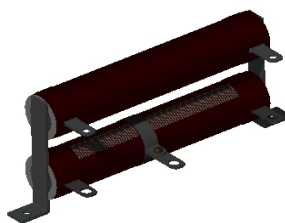
TYPE	WATT	CORE			TERMINAL				MOUNTING	
		A TYP	B +/- .032(0.8)	C +/- .032(0.8)	D TYP	E TYP	F TYP	K TYP	M NOM	N
FVT-10	12	.31 (7.9)	.19 (4.8)	1.75 (44.5)	.19 (4.8)	.44 (11.2)	.104 (2.6)	.94 (23.8)	2.19 (55.6)	6-32
FVT-25	25	.56 (14.3)	.31 (7.9)	2.00 (50.8)	.25 (6.4)	.56 (14.3)	.166 (4.2)	1.70 (42.9)	2.75 (69.9)	8-32
FVT-25A	30	.75 (19)	.50 (12.7)	2.00 (50.8)	.25 (6.4)	.56 (14.3)	.166 (4.2)	2.31 (58.7)	2.88 (73.2)	10-32
FVT-25B	30	.63 (15.9)	.45 (11.5)	2.00 (50.8)	.25 (6.4)	.56 (14.3)	.166 (4.2)	1.70 (42.9)	2.63 (66.8)	8-32
FVT-50	50	.56 (14.3)	.31 (7.9)	4.00 (101.6)	.25 (6.4)	.56 (14.3)	.166 (4.2)	1.70 (42.9)	4.75 (120.6)	8-32
FVT-50A	60	.75 (19)	.50 (12.7)	4.00 (101.6)	.25 (6.4)	.56 (14.3)	.166 (4.2)	2.31 (58.7)	4.88 (124.0)	10-32
FVT-50B	70	.75 (19)	.55 (13.9)	4.50 (114.3)	.25 (6.4)	.56 (14.3)	.166 (4.2)	2.31 (58.7)	5.38 (136.7)	10-32
FVT-75	75	.56 (14.3)	.31 (7.9)	6.00 (152.4)	.25 (6.4)	.56 (14.3)	.166 (4.2)	1.70 (42.9)	6.75 (171.5)	8-32
FVT-75A	90	.75 (19)	.50 (12.7)	6.00 (152.4)	.25 (6.4)	.56 (14.3)	.166 (4.2)	2.31 (58.7)	6.88 (174.8)	10-32
FVT-100	100	.75 (19)	.50 (12.7)	6.50 (165.1)	.25 (6.4)	.56 (14.3)	.166 (4.2)	2.31 (58.7)	7.38 (187.5)	10-32
FVT-130	130	1.13 (28.6)	.75 (19)	6.50 (165.1)	.31 (7.9)	.63 (15.9)	.166 (4.2)	2.81 (71.4)	7.38 (187.5)	10-32
FVT-160	175	1.13 (28.6)	.75 (19)	8.50 (215.9)	.31 (7.9)	.63 (15.9)	.196 (5.0)	2.81 (71.4)	9.38 (238.3)	10-32
FVT-200	225	1.13 (28.6)	.75 (19)	10.50 (266.7)	.31 (7.9)	.63 (15.9)	.196 (5.0)	2.81 (71.4)	11.38 (289.1)	10-32

inches (mm)

PACKAGE OPTIONS



SPECIAL LEAD
CONFIGURATION



ASSEMBLIES

Contact Factory for a
wide variety of custom
configurations and
assemblies.

ORDER INFORMATION

FVT - 25 - 100 - 1% - NI - QC - BKTS

TYPE
V=VITREOUS
S=SILICON

RESISTANCE
VALUE

ADD FOR
SPECIAL
TOLERANCE

ADD FOR
NON-INDUCTIVE

ADD FOR
QUICK
CONNECT

ADD FOR
STANDARD
BRACKETS

CONTINUED NEXT PAGE

**FVT / FST****WIREWOUND RESISTORS****CONTINUED****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 to the part number. See Ordering for details.
TEMPERATURE COEFFICIENT:	± 400 PPM/ $^{\circ}\text{C}$ 1 Ω to 20 Ω , ± 260 PPM/ $^{\circ}\text{C}$ 20 Ω and above. (Special TC's are available, consult factory.)
OVERLOAD:	10 X rated wattage for 5 seconds.
DIELECTRIC WITHSTANDING VOLTAGE:	1000 VAC measured from terminals to mounting brackets.
NON-INDUCTIVE:	Ayrton-Perry type non-inductive winding is available. See Ordering for details.
STANDARD TERMINALS:	The tab/lug, eyeleted, combination, and welded lead types come pre-tinned.
QUICK CONNECT TERMINALS:	Resistors with a core O.D. (DIM A) of 0.31" can be supplied with a 3/16" Wide X .020" Thick male quick connect terminal. See Ordering for details.
COATING:	Available in Vitreous Enamel or Silicone.
CORE:	Steatite ceramic.
STANDARD MOUNTING BRACKETS:	Push-In, Friction-Grip mounting brackets are available.
SPECIAL MOUNTING HARDWARE:	Vertical and horizontal thru-bolt mounting hardware with mica or ceramic bushing for high voltage applications are available. Multiple resistor mounting brackets and live mounting brackets can also be supplied.

