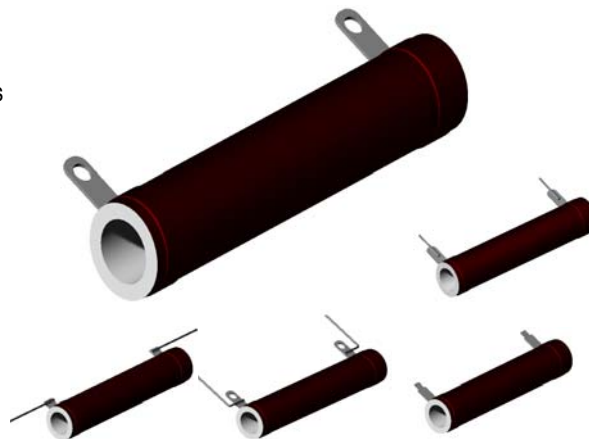
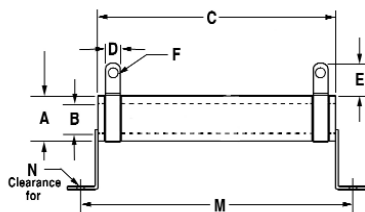


**FVT / FST****WIREWOUND RESISTORS****5 WATTS THRU 20 WATTS**

FVTL, FSTL
FVTS, FSTS
FVWL, FSWL

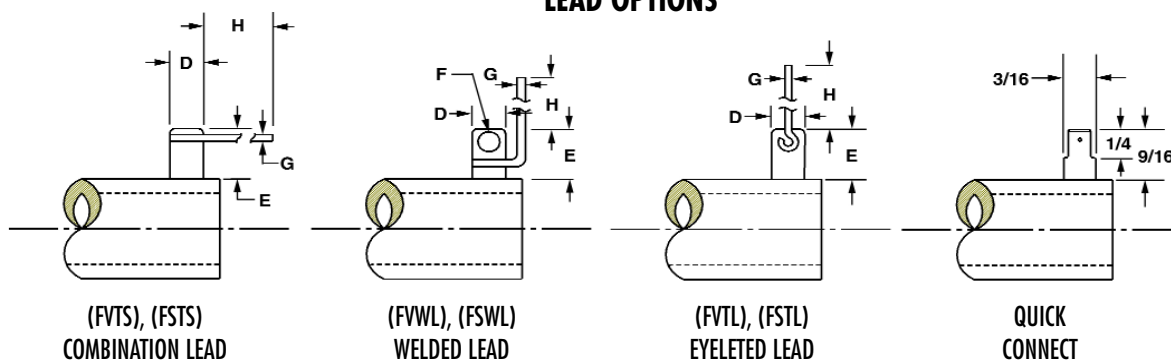
H.E.I. Wirewound Resistors are constructed with steatite ceramic cores and terminated with welded terminals and wound with the finest alloy resistance wires welded to the terminals. Our special formula of vitreous enamel (**FVT**) or silicone (**FST**) coatings are then used to insulate the resistors.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

**DIMENSION INFORMATION**

TYPE	WATT	CORE			TERMINAL			LEADS		MOUNTING	
		A TYP	B +/- .032(0.8)	C +/- .032(0.8)	D +/- .032(0.8)	E TYP	F TYP	G TYP	H TYP	M TYP	N
FVT-5	5	.31 (7.9)	.19 (4.8)	1.00 (25.4)	.19 (4.8)	.44 (11.2)	.104 (2.6)			1.44 (36.5)	6-32
FVTL-5	5	.31 (7.9)	.19 (4.8)	1.00 (25.4)	.19 (4.8)	.44 (11.2)		.032 (0.8)	2.00 (50.8)	1.44 (36.5)	6-32
FVTS-5	5	.31 (7.9)	.19 (4.8)	1.00 (25.4)	.19 (4.8)	.44 (11.2)	.104 (2.6)	.032 (0.8)	2.00 (50.8)	1.44 (36.5)	6-32
FVWL-5	8	.31 (7.9)	.19 (4.8)	1.00 (25.4)	.125 (3.2)	.25 (6.4)		.032 (0.8)	2.00 (50.8)	1.44 (36.5)	6-32
FVT-10	12	.31 (7.9)	.19 (4.8)	1.75 (44.4)	.19 (4.8)	.44 (11.2)	.104 (2.6)			2.19 (55.6)	6-32
FVTL-10	12	.31 (7.9)	.19 (4.8)	1.75 (44.4)	.19 (4.8)	.44 (11.2)		.032 (0.8)	2.00 (50.8)	2.19 (55.6)	6-32
FVTS-10	12	.31 (7.9)	.19 (4.8)	1.75 (44.4)	.19 (4.8)	.44 (11.2)	.104 (2.6)	.032 (0.8)	2.00 (50.8)	2.19 (55.6)	6-32
FVWL-10	12	.31 (7.9)	.19 (4.8)	1.75 (44.4)	.125 (3.2)	.25 (6.4)		.032 (0.8)	2.00 (50.8)	2.19 (55.6)	6-32
FVT-20	20	.44 (11)	.25 (6.4)	2.00 (50.8)	.19 (4.8)	.44 (11.2)	.104 (2.6)			2.50 (63.5)	6-32
FVTL-20	20	.44 (11)	.25 (6.4)	2.00 (50.8)	.19 (4.8)	.44 (11.2)		.040 (1.0)	2.00 (50.8)	2.50 (63.5)	6-32
FVTS-20	20	.44 (11)	.25 (6.4)	2.00 (50.8)	.19 (4.8)	.44 (11.2)	.104 (2.6)	.040 (1.0)	2.00 (50.8)	2.50 (63.5)	6-32
FVWL-20	20	.44 (11)	.25 (6.4)	2.00 (50.8)	.125 (3.2)	.25 (6.4)		.040 (1.0)	2.00 (50.8)	2.50 (63.5)	6-32

FVT - VITREOUS FST - SILICONE

inches (mm)

LEAD OPTIONS**ORDER INFORMATION****FVT - 10 - 250 - 1% - NI - QC - BKTS**

TYPE RESISTANCE ADD FOR ADD FOR ADD FOR ADD FOR
V=VITREOUS VALUE SPECIAL NON QUICK STANDARD
S=SILICON TOLERANCE INDUCTIVE CONNECT 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.

MOUNTING BRACKETS:

Push-In, Friction-Grip mounting brackets are available. See Ordering for details.

