



**Operating Temperature:**

-55°C to +125°C

**Operating Voltage:**

100 VDC, 200 VDC, 125 VAC, 400 Hz

**Peak Transient Voltage:**

(10µsec) @ +25°C.

**Dielectric Strength:**

Twice DC Operating Voltage @ +25°C, 50 mA maximum charging current.

**Insulation Resistance:**

Measured with 100 VDC, 50 mA maximum charging current, @ +25 after two minutes.

**Insertion Loss:**

At -55°C to +125°C, the insertion loss will decrease a maximum of -3 dB from the +25°C value.

**Military Specifications:**

Meets or exceeds the applicable parameters of MIL-PRF-15733 and MIL-PRF-28861.

**Housing (Hermetically Sealed):**

Electro-tin-lead plated, hot solder dipped, or as specified.

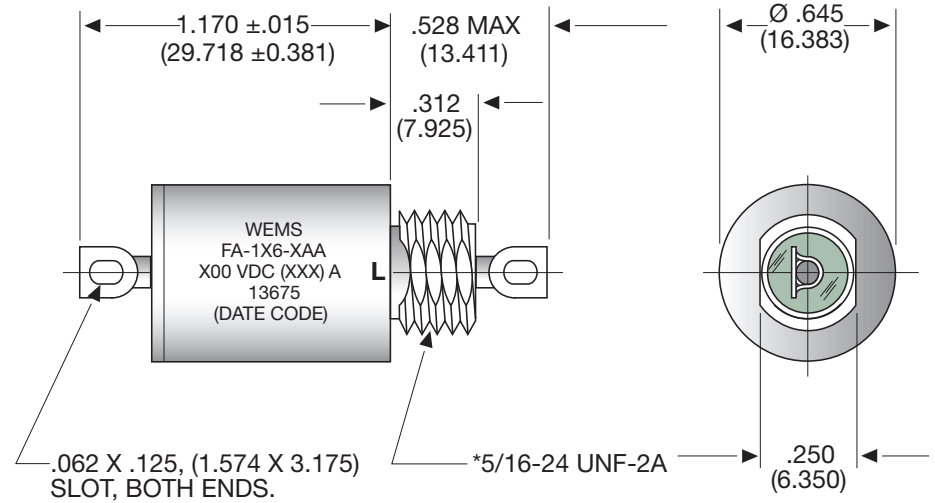
**Recommended Torque:**

64 inch/oz. maximum.

**Marking:**

WEMS, part number, Federal Code identification, voltage, current and date code.

## High Performance (AC/DC Applications)

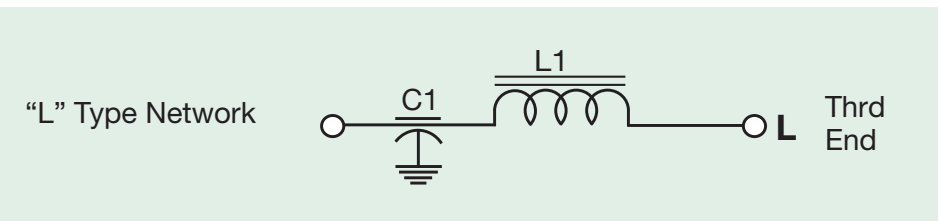


Tolerance: ± .010 (±.254 mm) unless otherwise specified.

\*All units supplied with internal tooth lockwasher and hex nut.

For further details see page 6.

Dimensions are inches (mm in parantheses).



PART NUMBER	CURRENT DC MAX. (AMPERES)	RESISTANCE DC MAX. (Ω)	WORKING VOLTAGE		INSULATION RESISTANCE (MΩ MIN)	PEAK TRANSIENT VOLTAGE (10µSEC)	MINIMUM INSERTION LOSS (Db) At +25°C IN ACCORDANCE WITH MIL-STD-220 <sup>1 2</sup>						
			DC	AC 400Hz			30 kHz	150 kHz	300 kHz	1.0 MHz	10 MHz	100 MHz	1.0 GHz
FA-116-AAA	0.5	0.30	100		1000	300	24	51	63	70	70	70	70
FA-116-GAA	1.0	0.21	100		1000	300	19	43	55	70	70	70	70
FA-116-JAA	3.0	0.03	100		1000	300	17	32	40	58	70	70	70
FA-116-KAA	5.0	0.02	100		1000	300	17	32	37	50	70	70	70
FA-126-FAA	0.5	0.30	200	125	700	500	12	41	53	70	70	70	70
FA-126-GAA	1.0	0.21	200	125	700	500	7	33	44	63	70	70	70
FA-126-JAA	3.0	0.03	200	125	700	500	-	22	30	48	70	70	70
FA-126-KAA	5.0	0.02	200	125	700	500	-	22	28	40	70	70	70

<sup>1</sup> Insertion loss measurements shall be made under full load over the frequency range of 1.0 MHz to 10 MHz. Insertion loss measurements above this frequency range under no load.

<sup>2</sup> The insertion loss requirements between any two adjacent specified frequencies shall be that of the lower of the two frequencies in order to accommodate resonant dips.

\* Part numbers are specified for the thread on the inductor end. For a reverse type network, capacitor at threaded end, the filter numerical part number should be specified as 2, eg FA-216-XAA, (see page 14 for part numbering systems).