Operating Temperature:
-55ºC to +125ºC

Operating Voltage:
100 VDC

Peak Transient Voltage:
300 VDC (10µsec) @ +25ºC.

Dielectric Strength:
200 VDC @ +25ºC, 50 mA maximum charging current.

Insulation Resistance:
500 megohms minimum with 50 VDC, 50 mA maximum charging current, @ +25 after 2 minutes.

Insertion Loss:
At -55ºC to +125ºC, the insertion loss will decrease a maximum of -3 dB from the +25ºC value.

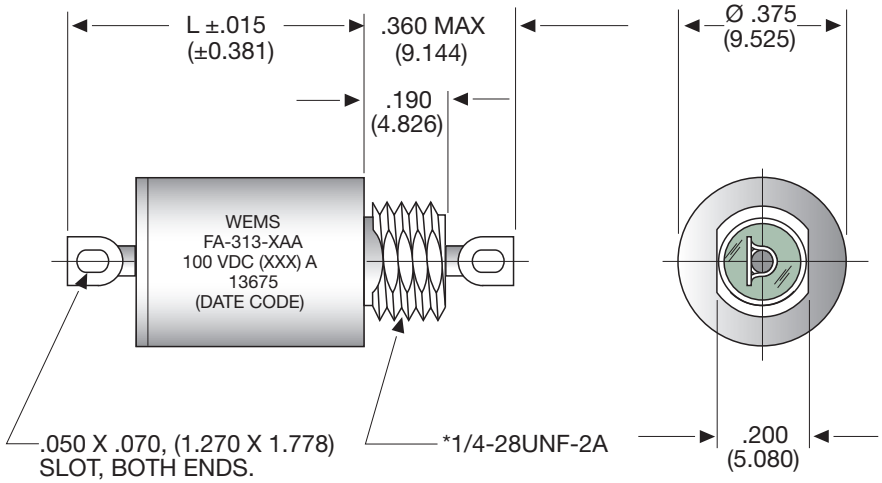
Military Specifications:
Meets or exceeds the applicable parameters of MIL-PRF-15733 and MIL-PRF-28861.

Housing (Hermetically Sealed):
Electro-tin-lead plated, hot solder dipped, or as specified.

Recommended Torque:
48 inch/oz. maximum.

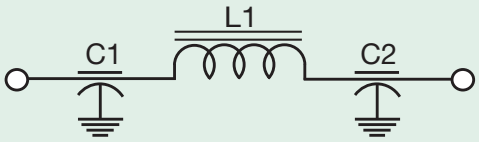
Marking:
WEMS, part number, Federal Code identification, voltage, current and date code.

High Performance (100 VDC 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).

π Type Network
100 VDC



PART NUMBER	CURRENT DC MAX. (AMPERES)	RESISTANCE DC MAX. (Ω)	DIMENSION L INCHES (MM)	MINIMUM INSERTION LOSS (Db) At +25ºC IN ACCORDANCE WITH MIL-STD-220[1,2]						
				30 kHz	150 kHz	300 kHz	1.0 MHz	10 MHz	100 MHz	1.0 GHz
FA-313-AAA	0.06	7.00	.721 (18.313)	43	80	80	80	80	80	80
FA-313-BAA	0.15	3.00	.721 (18.313)	31	73	80	80	80	80	80
FA-313-CAA	0.25	2.90	.721 (18.313)	26	67	80	80	80	80	80
FA-313-FAA	0.50	0.65	.721 (18.313)	9	54	70	80	80	80	80
FA-313-GAA	1.00	0.36	.721 (18.313)	–	41	60	80	80	80	80
FA-313-HAA	2.00	0.12	.721 (18.313)	–	32	52	80	80	80	80
FA-313-JAA	3.00	0.04	.721 (18.313)	–	8	40	73	80	80	80
FA-313-KAA	5.00	0.007	.721 (18.313)	–	–	23	63	80	80	80
FA-313-LAA	10.00	0.005	.721 (18.313)	–	–	–	23	80	80	80
FA-313-MAA	15.00	0.0025	.721 (18.313)	–	–	–	23	80	80	80

1 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.
2 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.