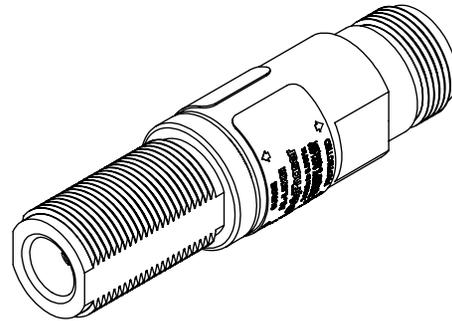


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
D	REFER TO ECN	11900	8/9/13	JLJ



MAXIMUM CHARACTERISTICS

APPLICATION:
BULKHEAD MOUNT/ALUMINUM CONSTRUCTION
WEATHERPROOF WHEN INSTALLED

SURGE:
10kA IEC 61000-4-5 8/20μs WAVEFORM

FREQUENCY RANGES:
2.0GHz TO 6.0GHz

VSWR:
≤1.2 TO 1 TYPICAL (≤1.3 TO 1 MAX.)

INSERTION LOSS:
≤0.1dB TYPICAL (≤0.2dB MAX.)

RETURN LOSS:
≥20dB TYPICAL

CONTINUOUS POWER:
10W

LET THROUGH VOLTAGE:
≤±3 VOLTS FOR 3kA @ 8/20μs WAVEFORM

THROUGHPUT ENERGY:
≤0.5μJ FOR 3kA @ 8/20μs WAVEFORM

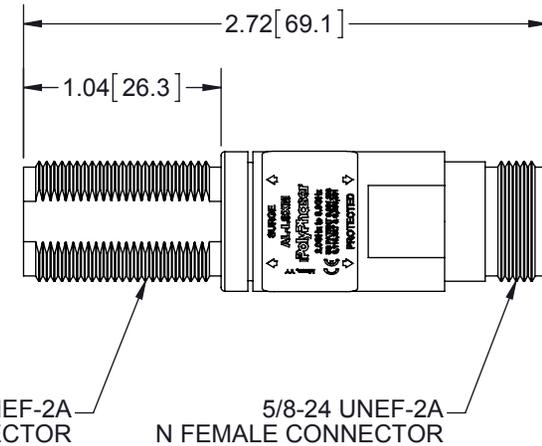
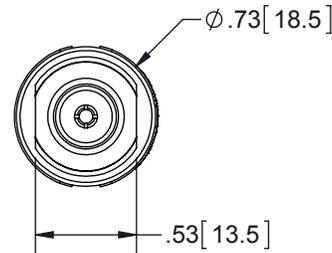
TEMPERATURE:
-40°C TO +85°C STORAGE/OPERATING

VIBRATION:
1G AT 5Hz TO 100Hz

ENVIRONMENTAL:
MEETS IEC 60529 IP65
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN (120MPH)
RAIN INTRUSION TEST

MATERIAL:
BODY: 7075 ALUMINUM
CENTER PINS: BRASS OR BERYLLIUM COPPER
GOLD PLATED PER MIL-G-45204
TYPE II, GRADE C, CLASS I

CE COMPLIANT
RoHS COMPLIANT



5/8-24 UNEF-2A
ELONGATED N FEMALE CONNECTOR

5/8-24 UNEF-2A
N FEMALE CONNECTOR

CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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	<small>TITLE</small> LOOP FILTER 2-6GHz 10W CUSTOMER SPECIFICATION					
	<small>DOCUMENT NAME</small> AL-LSXM-C	<small>SIZE</small> A	<small>CAGE</small> 61114	<small>PROD CAT</small> RFP	<small>PART NUMBER</small> AL-LSXM	<small>REV</small> D