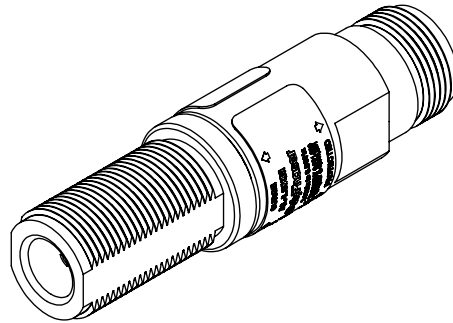


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
D	REFER TO ECN	11900		
E	CHANGE TO IP67	11988	9/5/2013	



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

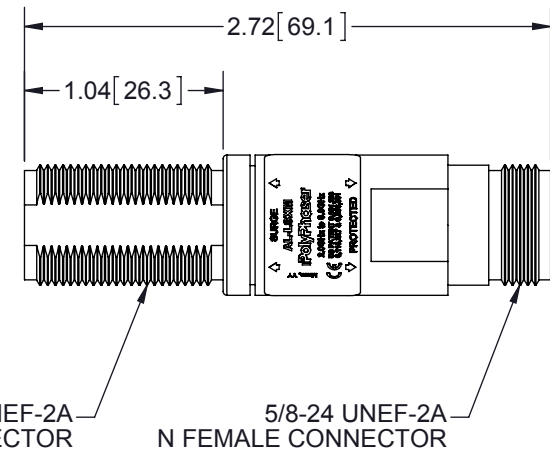
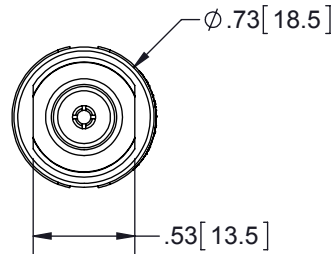
ENVIRONMENTAL:

MEETS IEC 60529 IP67 
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



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<div>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</div> <div>TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010</div> <div>NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED.</div> <div>THIRD-ANGLE PROJECTION</div> <div></div>	DRAWN R. DUNNING	DATE 5/16/03	<div></div>			SHEET 1 OF 1
	ENG APPD J. JONES	5/16/03				SCALE 1:1
	PRODUCT MGR S. DOTTER	5/16/03	TITLE LOOP FILT 2-6GHz 10W CUSTOMER SPECIFICATION			
	MARKETING APPD L. JACQUES	5/16/03				
	PROJECT NO.					
DOCUMENT NAME AL-LSXM-C	SIZE A	CAGE 61114	PROD CAT RFP	PART NUMBER AL-LSXM	REV E	

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