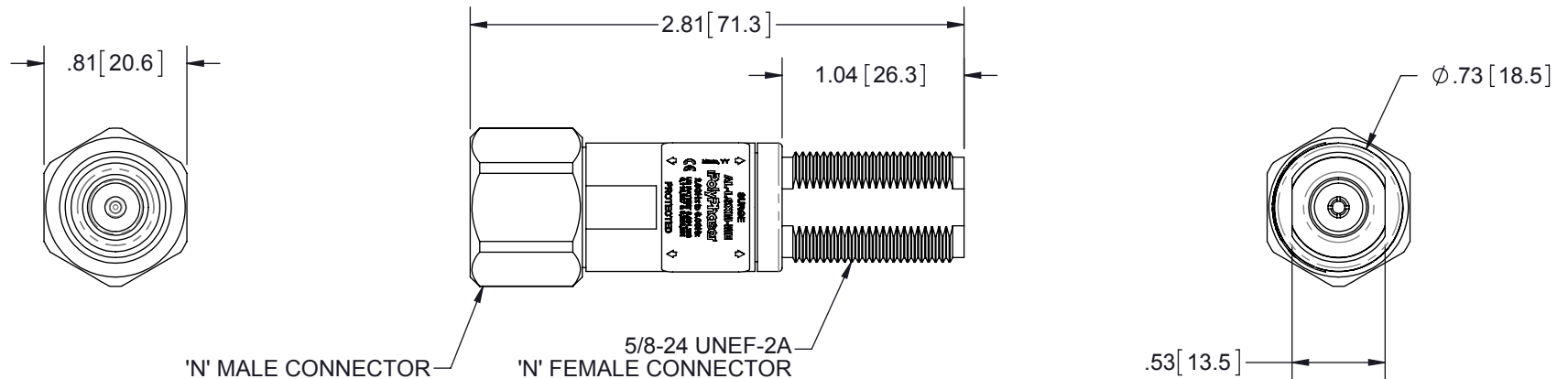


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
D	REFER TO ECN	11900	8/9/13	JLJ
E	CHANGE IP65 TO IP67	11988	9/6/2013	JJ



#### MAXIMUM CHARACTERISTICS

##### APPLICATION:

BULKHEAD/ALUMINUM CONSTRUCTION  
WEATHERPROOF WHEN INSTALLED

##### SURGE:

10kA IEC 61000-4-5 8/20µs WAVEFORM

##### FREQUENCY RANGE:

2.0GHz TO 6.0GHz

##### VSWR:

≤1.2:1 TYPICAL (≤1.3:1 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

##### VIBRATION:

1G @ 5Hz TO 100Hz

##### TEMPERATURE:

-40°C TO +85°C STORAGE/OPERATING

##### ENVIRONMENTAL:

MEETS IEC 60529 IP67 (E)

MEETS BELLCORE

#TA-NWT-000487 PROCEDURE 4.11

WIND DRIVEN RAIN INTRUSION TEST @ 120MPH

##### MATERIAL:

BODY: 7075 ALUMINUM

CENTER PINS: BRASS OR BERYLLIUM COPPER

GOLD PLATED PER MIL-G-45204

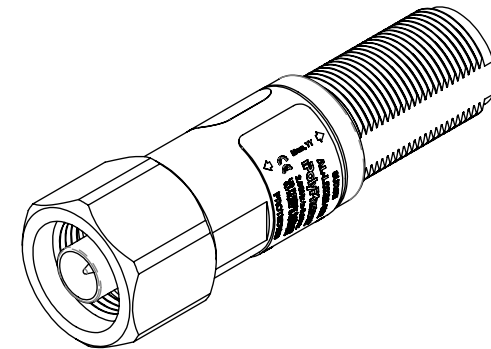
TYPE II, GRADE C, CLASS 1

##### CE COMPLIANT

##### RoHS COMPLIANT

#### HARDWARE KIT INCLUDES:

QTY	DESCRIPTION
1	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	RING TERM 5/8" STUD 6AWG



CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		DRAWN R. SWART	DATE 8/28/03			SHEET 1 OF 1
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010		ENG APPD J. JONES	9/4/03			SCALE 1:1
NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED.		PRODUCT MGR L. JACQUES	9/4/03			
THIRD-ANGLE PROJECTION 		MARKETING APPD S. DOTTER	9/5/03			
		PROJECT NO.		TITLE LOOP FILT 2-6GHz 10W CUSTOMER SPECIFICATION		
		DOCUMENT NAME AL-LSXM-ME-C	SIZE A	CAGE 61114	PROD CAT RFP	PART NUMBER AL-LSXM-ME
						REV E

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.