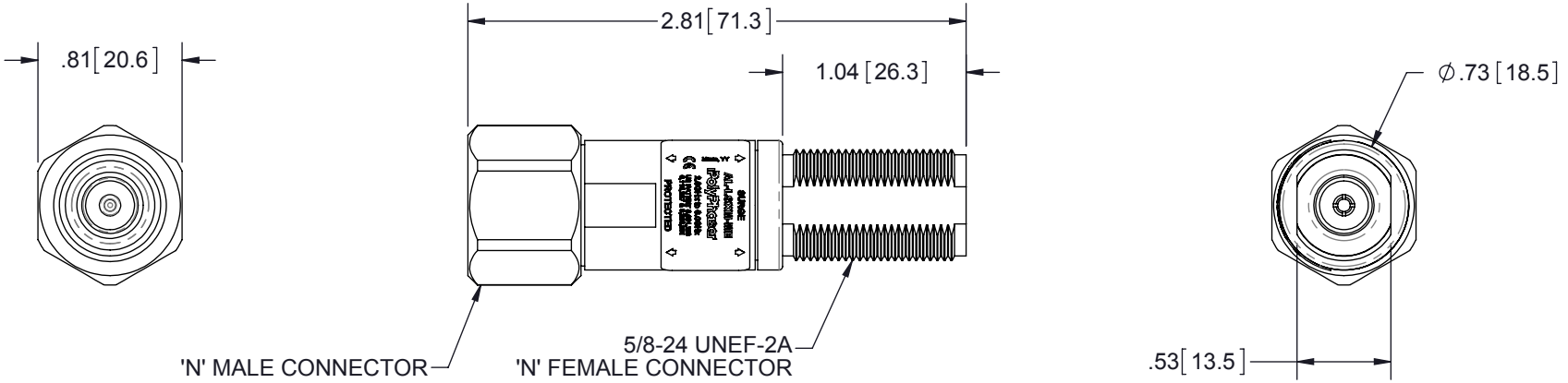
TALLEY®
You Connect the World. We Make it Easy.®

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

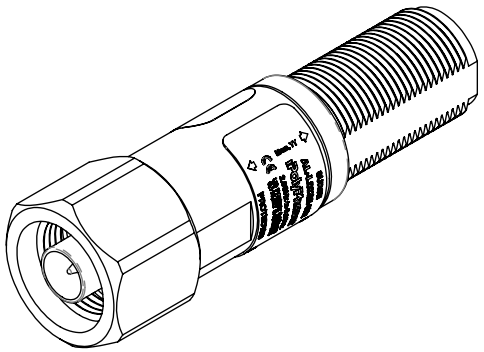


MAXIMUM CHARACTERISTICS

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
TOLERANCES:
FRACTIONS=± 1/32 .XX=± .03
ANGLES=± 1° .XXX=± .010
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THIRD-ANGLE PROJECTION

DRAWN	R. SWART	8/28/03
ENG APPD	J. JONES	9/4/03
PRODUCT MGR	L. JACQUES	9/4/03
MARKETING APPD	S. DOTTER	9/5/03
PROJECT NO.		

iPolyPhaser®

SHEET 1 OF 1
SCALE 1:1

TITLE
LOOP FILT
2-6GHz 10W
CUSTOMER SPECIFICATION

DOCUMENT NAME	SIZE	CAGE	PROD CAT	PART NUMBER	REV
AL-LSXM-ME-C	A	61114	RFP	AL-LSXM-ME	E

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