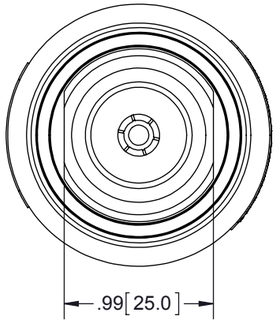
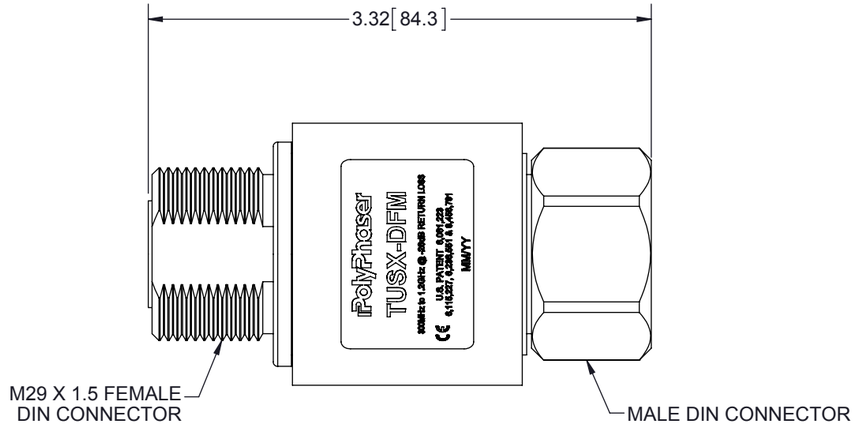
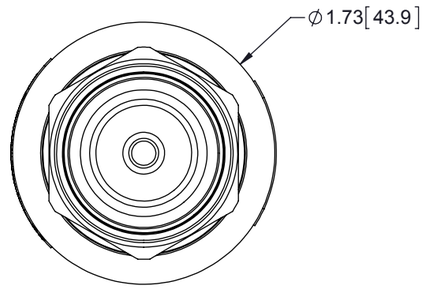
REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
F	REFER TO ECN	12840	8/26/2014	JJ







MAXIMUM CHARACTERISTICS

APPLICATION:
- DC SHORT/RF ONLY (NO POWER SUPPLY PROVISIONS)
- BULKHEAD MOUNT BI-DIRECTIONAL
- WEATHERPROOF WHEN INSTALLED

FREQUENCY RANGE:
- 300MHz TO 1.2GHz @ -26dB RETURN LOSS

MAX SURGE:
- IEC 61000-4-5 8/20µs WAVEFORM
- 30kA MULTIPLE STRIKES
- 40kA ONE TIME

INSERTION LOSS:
- ≤0.1dB

CONTINUOUS POWER:
- 1kW @ 920MHz
- 2.5kW @ 400MHz

LET THROUGH VOLTAGE:
- ≤±200mV FOR 3kA @ 8/20µs WAVEFORM

THROUGHPUT ENERGY:
- ≤5nJ FOR 3kA @ 8/20µs WAVEFORM

PIM 3rd ORDER:
- <-155dBc (-112dBm); 2 X 20W INPUT

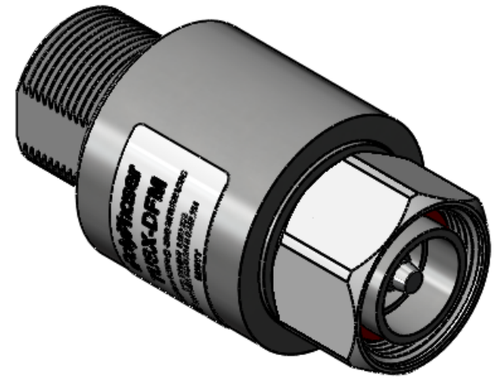
TEMPERATURE:
- -50°C TO +85°C STORAGE/OPERATING

VIBRATION:
- 1G @ 5Hz TO 100Hz

MATERIAL:
- BODY: TRI-M3™ PLATING OVER BRASS
- PTFE: DIELECTRIC
- CENTER PINS: Ag PLATED

ENVIRONMENTAL:
- MEETS IEC 60529 IP67 WHEN CONNECTED
- MEETS BELLCORE #TA-NWT-000487
- PROCEDURE 4.11, 120MPH WIND DRIVEN
- RAIN INTRUSION TEST
- CE COMPLIANT
- RoHS COMPLIANT

HARDWARE KIT	
QTY.	DESCRIPTION
1	O-RING 025 SILICONE
1	NUT M29 X 1.5 SST DIN
1	WASHER 1.15ID FLAT SST TYPE 304



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

MATERIAL
NA

THIRD-ANGLE PROJECTION

DRAWN	R. DUNNING	7/16/10
ENG APPD	JJ	7/20/10
PRODUCT MGR	JJ	7/20/10
MARKETING APPD	LJ	7/22/10
PROJECT NO.		

PolyPhaser

TITLE
300MHz TO 1.2GHz UHF
SX BI-DIR FEM/MALE
CUSTOMER SPECIFICATION

SIZE	CAGE	PART NUMBER	REV
B	30992	TUSX-DFM	F

SCALE	PROD CAT	DOCUMENT NAME	SHEET	OF
1:1	RFP	TUSX-DFM-C	1	1

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