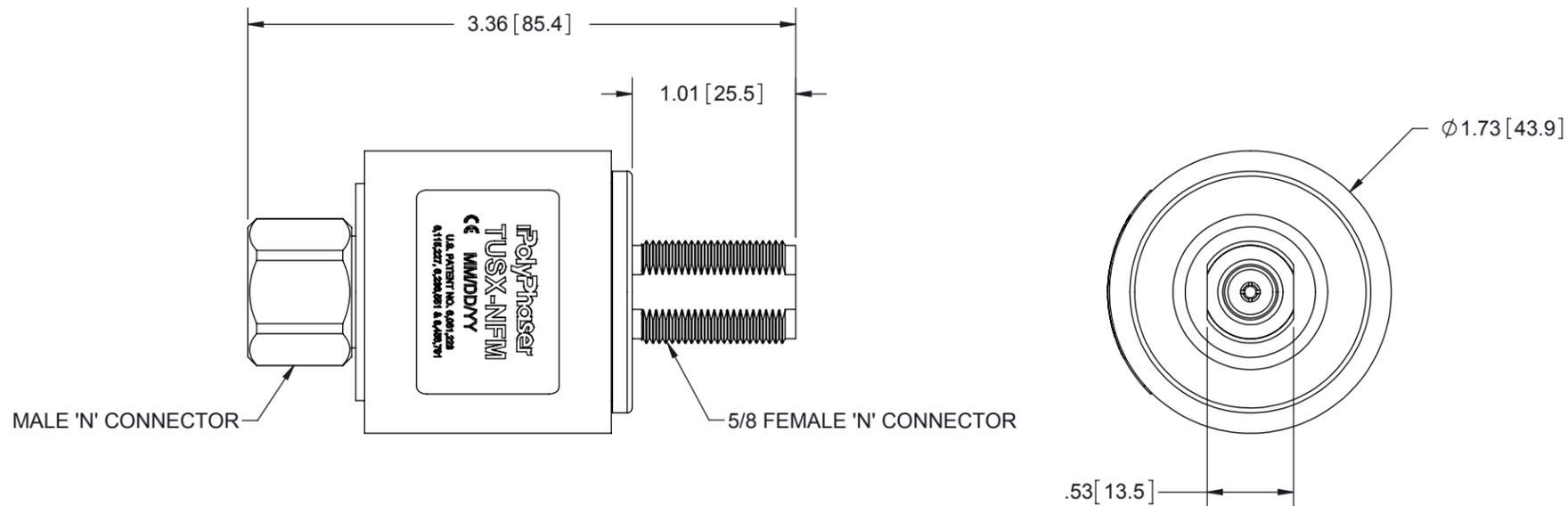


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
F	REFER TO ECN	12840	8/26/2014	JJ



**MAXIMUM CHARACTERISTICS**

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

**FREQUENCY RANGE:**  
 300MHz TO 1.2GHz

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

**INSERTION LOSS:**  
 ≤0.1dB

**RETURN LOSS:**  
 -26dB over FREQUENCY RANGE

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

**LET THROUGH VOLTAGE:**  
 ≤±500mV FOR 3kA @ 8/20µs WAVEFORM

**THROUGHPUT ENERGY:**  
 ≤7.5nJ FOR 3kA @ 8/20µs WAVEFORM

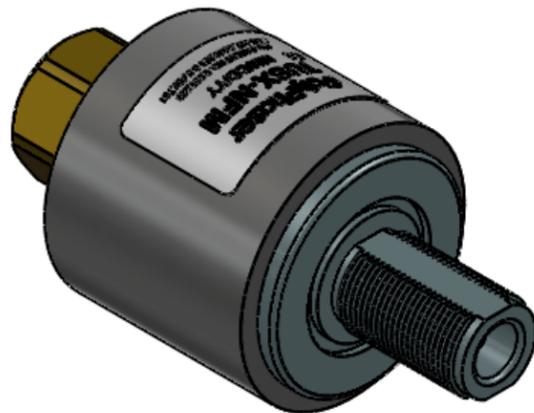
**TEMPERATURE:**  
 -50°C TO +85°C STORAGE/OPERATING

**VIBRATION:**  
 1G @ 5Hz TO 100Hz

**MATERIAL:**  
 BODY: TRI-M3™ PLATING OVER BRASS  
 PTFE: DIELECTRIC  
 CENTER PINS: Au 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	NUT 5/8-24 303 HEX SS
1	WASHER 5/8 410 SS
1	SILICONE O-RING 019



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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	DRAWN	RD	DATE				
	ENG APPD	CAP	5/4/11				
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010	PRODUCT MGR	SJD	5/5/11	TITLE			
	MARKETING APPD			300MHz to 1.2GHz UHF SX BI-DIR FEM/MALE 'N' CONN CUSTOMER SPECIFICATION			
MATERIAL NOTED	PROJECT NO.			SIZE	CAGE	PART NUMBER	REV
THIRD-ANGLE PROJECTION	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR SYSTEMS. ALL RIGHTS RESERVED.			B	30992	TUSX-NFM	F
				SCALE	PROD CAT	DOCUMENT NAME	SHEET
				1:1	RFP	TUSX-NFM-C	1 OF 1