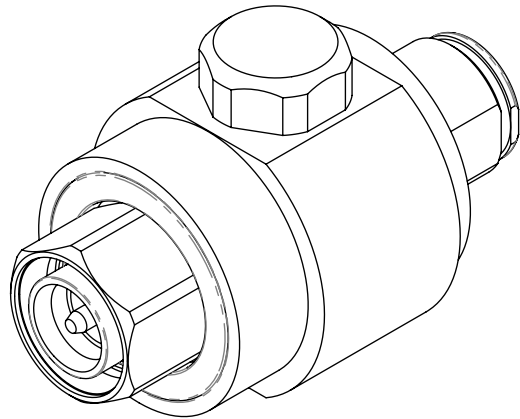


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
B	REFER TO ECN	14234	11/29/17	RJS

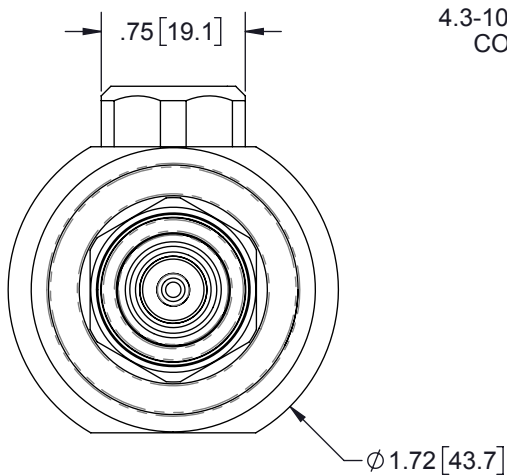


HARDWARE KIT CONTENTS:	
QTY	DESCRIPTION
1	NUT M20 X 1 SS
1	WASHER .82ID FLAT SS
1	SILICONE O-RING 019
1	RING TERM 6AWG .82ID

APPLICATION NOTES:

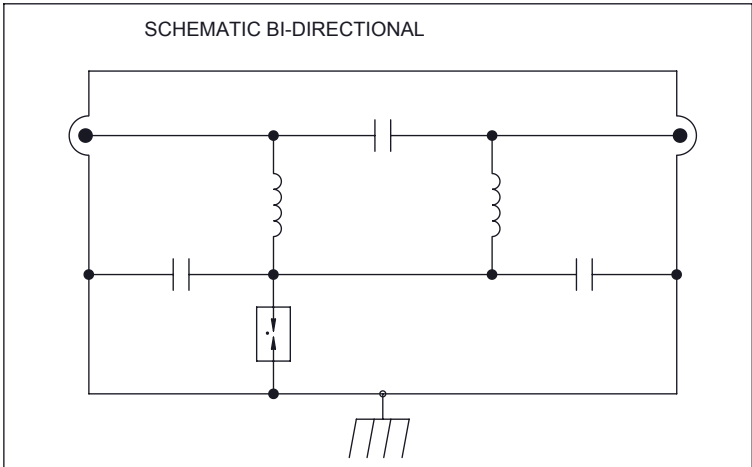
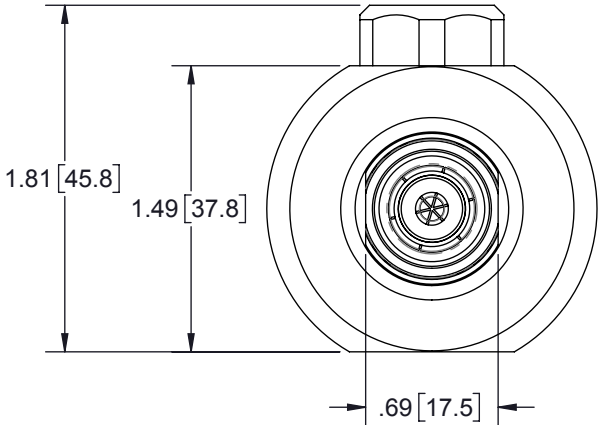
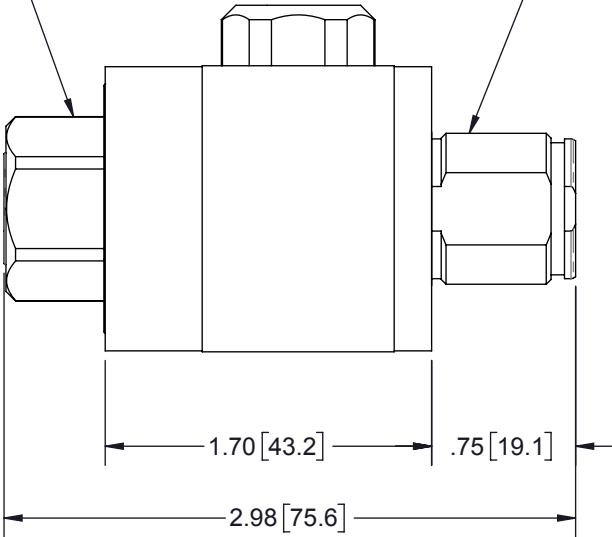
DC PASS
BULKHEAD MOUNT
REPLACEABLE TRANSIENT ELEMENTS
BIDIRECTIONAL OPERATION
WEATHER PROOF WHEN INSTALLED
50Ω IMPEDANCE
FREQUENCY RANGE:
698MHz TO 2.7GHz
dc TO 2.5MHz TELEMETRY (AISG)
MAX AVG. RF POWER:
500W @ 920MHz
INSERTION LOSS:
698MHz TO 2.6GHz, TYP. 0.1dB
2.6GHz TO 2.7GHz, TYP. 0.2dB
2.176 MHz @ MAX: 0.1dB
RETURN LOSS:
698MHz TO 750MHz, 23dB MAX
750MHz TO 2.7GHz, 25dB MAX
2.176 MHz @ MAX: -17dB
PIM 3rd ORDER:
TYP: -173dBc (-130dBm), 2x20W
MAX: -155dBc (-112dBm), 2x20W
MAX SURGE:
20kA IEC 61000-4-5 8/20μs WAVEFORM
THROUGHPUT ENERGY:
TYP. 1mJ FOR 2kA @ 8/20μs WAVEFORM
USER VOLTAGE:
±60Vdc (±80Vdc MAX)
DC CURRENT:
4A (6A MAX)
DC RESISTANCE:
≤0.02Ω (CENTER PIN + SHIELD RESISTANCE)
STORAGE/OPERATING TEMPERATURE:
-50°C TO +85°C
HUMIDITY:
≤95%, NON-CONDENSING, 100% EXTERNAL
MATERIAL:
BODY: TRI-METAL PLATED OVER BRASS
PTFE: DIELECTRIC
CENTER PINS: TRI-METAL PLATING OVER BRASS
ENVIRONMENTAL:
MEETS IEC 60529 IP67 WHEN CONNECTED
MEETS BELLCORE #TA-NWT-000487
PROCEDURE 4.11, WIND DRIVEN 120 MPH
RAIN INTRUSION TEST
CE COMPLIANT
RoHS COMPLIANT

FOR GAS TUBE REPLACEMENTS ORDER P/N RGT-KIT-01



4.3-10 DIN MALE
CONNECTOR

4.3-10 DIN FEMALE
CONNECTOR
ISO M20X1



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CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		DRAWN DPM	DATE 5/25/2017				
		ENG APPD EJD	05/25/2017				
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1 ° .XXX=± .010		PRODUCT MGR RC	5/25/2017	TITLE BI-DIRECTIONAL BROADBAND DC PASS 4.3/10 FEMALE/MALE CUSTOMER SPECIFICATION			
		MARKETING APPD LJ	7/28/2017				
MATERIAL NOTED		PROJECT NO.		SIZE B	CAGE 30992	PART NUMBER TSXDC-4310FM	REV B
				SCALE 1:1	PROD CAT RFP	DOCUMENT NAME TSXDC-4310FM-C	SHEET 1 OF 1
THIRD-ANGLE PROJECTION 		NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR SYSTEMS. ALL RIGHTS RESERVED.					