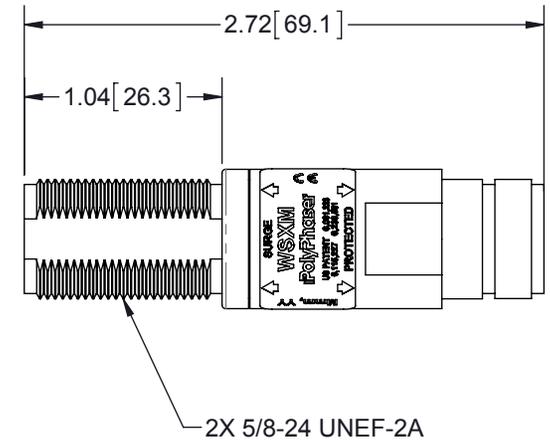
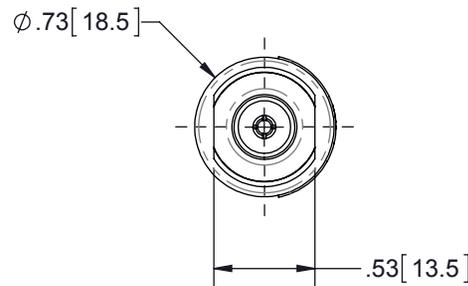


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
B	REFER TO ECN	11334	1/25/13	CAP
C	CHANGE IP65 TO IP67	11988	9/10/2013	JJ



**MAXIMUM CHARACTERISTICS**

**APPLICATION:**  
 BULKHEAD MOUNT  
 WEATHERPROOF WHEN INSTALLED

**SURGE:**  
 10kA IEC 61000-4-5 8/20µs WAVEFORM

**FREQUENCY RANGES:**  
 6.0GHz TO 10.0GHz

**VSWR:**  
 ≤1.2:1 TYPICAL (≤1.35 TO 1 MAX.)

**INSERTION LOSS:**  
 ≤0.1dB TYPICAL (≤0.2dB MAX.)

**RETURN LOSS:**  
 ≥20dB TYPICAL (≥16dB MAX)

**CONTINUOUS POWER:**  
 10W

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

**THROUGHPUT ENERGY:**  
 ≤0.5µJ FOR 3kA @ 8/20µs WAVEFORM

**TEMPERATURE:**  
 -40°C TO +85°C STORAGE/OPERATING

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

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

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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<small>UNLESS OTHERWISE SPECIFIED          LEADING DIMENSIONS ARE INCHES          DIMENSIONS IN [ ] ARE MILLIMETERS</small> <b>TOLERANCES:</b> FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010 <small>NOTICE: THE INFORMATION AND DESIGN IN          THIS DOCUMENT IS THE PROPERTY OF          POLYPHASER CORPORATION. ALL RIGHTS          RESERVED.</small>	DRAWN SH 6/11/04		SHEET 1 OF 1			
	ENG APPD RCD 6/14/04		SCALE 1:1			
	PRODUCT MGR JLJ 6/14/04		TITLE <b>LOOP FILTER          6-10 GHZ 10W</b> <small>CUSTOMER SPECIFICATION</small>			
	MARKETING APPD SJD 6/15/04		PROJECT NO.			
THIRD-ANGLE PROJECTION 	DOCUMENT NAME <b>WSXM-C</b>	SIZE <b>A</b>	CAGE <b>61114</b>	PROD CAT <b>RFP</b>	PART NUMBER <b>WSXM</b>	REV <b>C</b>

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