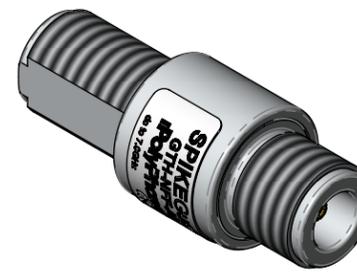
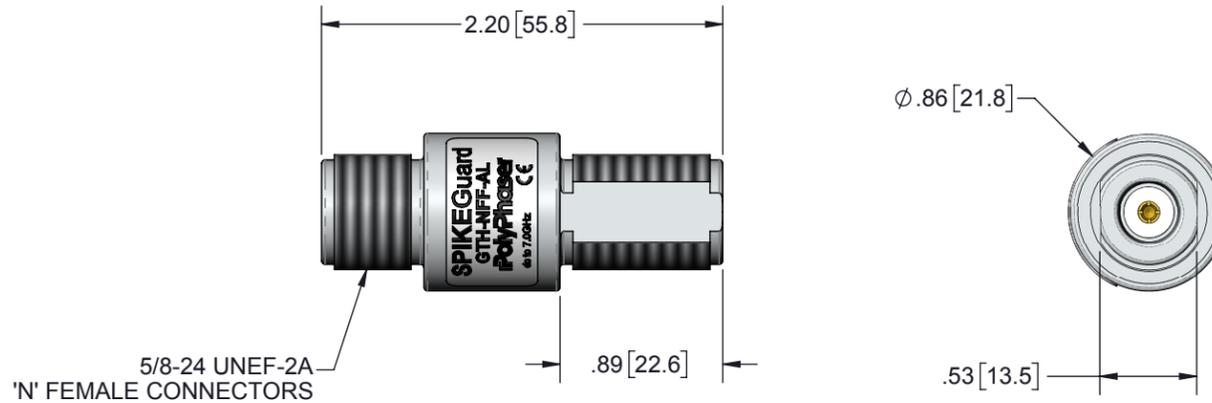


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
C	REFER TO ECN	11854	7/19/13	MTH
D	ADD IP67	11988	9/10/2013	JJ



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

MAXIMUM CHARACTERISTICS

APPLICATION:
 BULKHEAD MOUNT/ALUMINUM CONSTRUCTION
 WEATHER PROOF WHEN INSTALLED

FREQUENCY RANGE:
 dc TO 7.0GHz

MAX RF POWER:
 1KW @ 30MHz
 300W/CW @ 3GHz

VSWR:
 dc TO 3.0GHz @ ≤1.1 TO 1
 dc TO 4.0GHz @ ≤1.2 TO 1
 dc TO 7.0GHz @ ≤1.4 TO 1

INSERTION LOSS:
 dc TO 4.0GHz @ ≤0.1dB
 dc TO 7.0GHz @ ≤0.25dB

RETURN LOSS:
 dc TO 3.0GHz @ ≥30dB
 dc TO 4.0GHz @ ≥23dB
 dc TO 7.0GHz @ ≥15dB

DISCHARGE DEVICE CHARACTERISTICS

SURGE:
 20kA ONE TIME @ IEC 61000-4-5 8/20μs WAVEFORM

IMPULSE SPARKOVER:
 500 VOLTS @ 1000V/μs

dc SPARKOVER ±20%:
 650 VOLTS

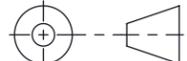
dc HOLDOVER:
 80 VOLTS @ <150ms

MAX OPERATING CURRENT:
 10A

TEMPERATURE:
 -55°C TO +85°C STORAGE/OPERATING

ENVIRONMENTAL:
 MEETS IEC 60529 IP67
 CE COMPLIANT

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		DRAWN JJS 8/22/08			
TOLERANCES: FRACTIONS=± 1/32 .XX=± .03 ANGLES=± 1° .XXX=± .010		ENG APPD JLJ 9/18/08			
MATERIAL		PRODUCT MGR JLJ 9/18/08			
THIRD-ANGLE PROJECTION 		MARKETING APPD SJD 9/18/08			
PROJECT NO.		TITLE NON-REP GASTUBE HIGH PWR 9090-2071 CUSTOMER SPECIFICATION		REV D	
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		SCALE 1:1	PROD CAT RFP	DOCUMENT NAME GTH-NFF-AL-C	SHEET 1 OF 1