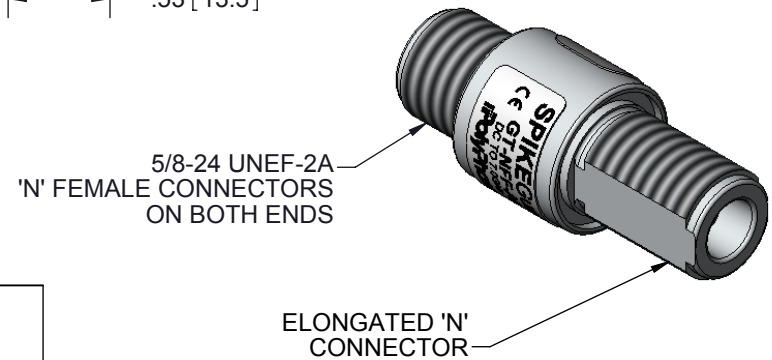
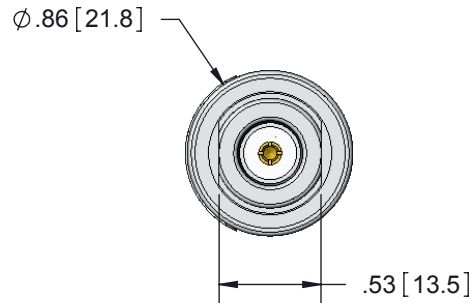
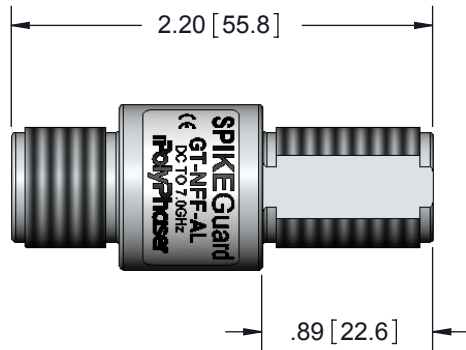


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
D	REFER TO ECN	11840	8/02/13	KCB



MAXIMUM CHARACTERISTICS

APPLICATION:

BULKHEAD MOUNT/ALUMINUM CONSTRUCTION
WEATHER PROOF WHEN INSTALLED

FREQUENCY RANGE:

dc TO 7.0GHz

MAX RF POWER:

90W/CW @ 30MHz

9W/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%:

300 VOLTS

dc HOLDOVER:

80 VOLTS @ <150ms

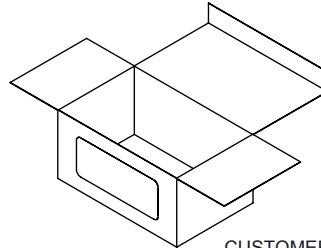
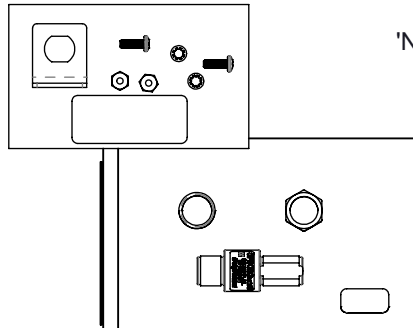
MAX OPERATING CURRENT:

10A

TEMPERATURE:



-55°C TO +85°C STORAGE/OPERATING

CE COMPLIANT
RoHS COMPLIANT



CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

<div>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</div> <div>TOLERANCES: FRACTIONS=± 1/32 .XX=± .01 ANGLES=± 1° .XXX=± .005</div> <div>NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF POLYPHASER CORPORATION. ALL RIGHTS RESERVED</div> <div>THIRD-ANGLE PROJECTION</div> <div></div>	DRAWN R. SWART	DATE 11/10/06	<div></div>				SHEET 1 OF 1
	ENG APPD J. JONES	3/5/07					SCALE 1:1
	PRODUCT MGR L. JACQUES	3/7/07	TITLE GAS TUBE NON-REPLACEABLE dc-6GHz 50-100W N FEM CUSTOMER SPECIFICATION				
	MARKETING APPD C. PACHECO	3/7/07					
	PROJECT NO.						
DOCUMENT NAME GT-NFF-AL-C	SIZE A	CAGE 61114	PROD CAT RFP	PART NUMBER GT-NFF-AL	REV D		

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