

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 @ >math>\geq 30</math>dB
dc TO 4.0GHz @ >math>\geq 23</math>dB
dc TO 7.0GHz @ >math>\geq 15</math>dB

DISCHARGE DEVICE CHARACTERISTICS

SURGE:

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

IMPULSE SPARKOVER:

500 VOLTS @ 1000V/μs

dc SPARKOVER ±20%:

150 VOLTS

dc HOLDOVER:

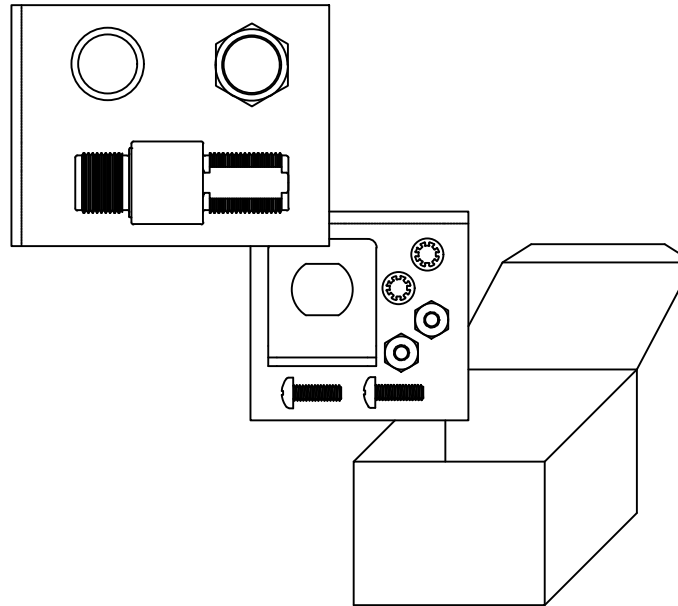
80 VOLTS @ <math>< 150</math>ms

MAX OPERATING CURRENT:

10A

TEMPERATURE:

-55°C TO +85°C STORAGE/OPERATING



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PART NO / TITLE / DESCRIPTION

GT-NFF-AL
CUSTOMER PRINT

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TOLERANCES			
UNLESS OTHERWISE STATED DIMENSIONS ARE IN INCHES			
SURFACE FINISH = 63μin		HOLE DIAMETER	
ANGLES = ±1°		.010-.039 +.004/-.001	
.X = ±.05	.040-.129 +.005/-.001		
.XX = ±.03	.130-.249 +.006/-.001		
.XXX = ±.01	.250-.484 +.008/-.001		
.XXXX = ±.005	.485-.734 +.010/-.001		
	.735-.984 +.012/-.001		
	.985 AND UP ±.010		
DO NOT SCALE DRAWING			
SCALE	PAGE	FILE TAG	CAGE CODE
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