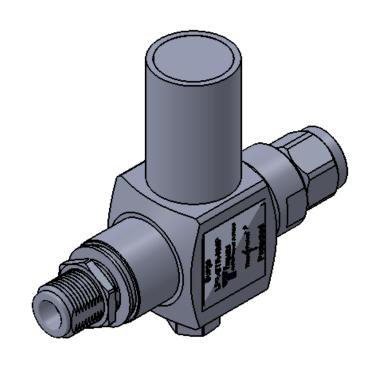
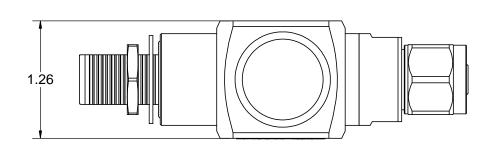
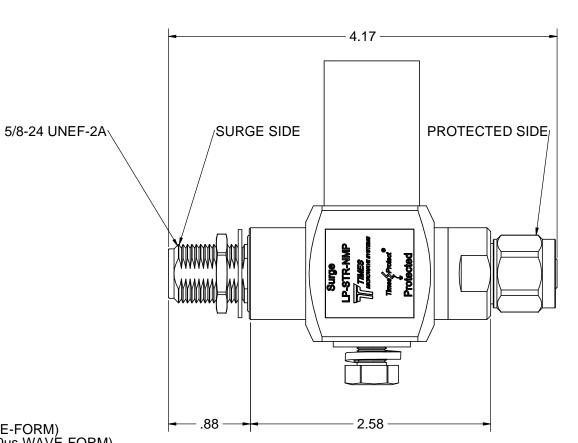
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REV.	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
Α	released for production	M.E.	03/24/14	M.E.	03/24/14

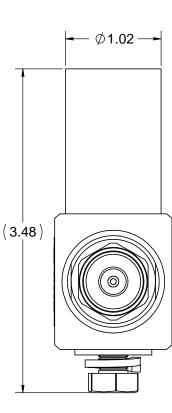






USED ON ASSY.

MATERIAL:



NOTES:

1. ELECTRICAL PERFORMANCE

IMPEDANCE: 50 OHMS

OPERATING FREQUENCY: 800-2500 MHz

VSWR/RETURN LOSS: < 1.13:1 / < -24 dB (800-840 MHz) < 1.1:1 / < -26 dB (840-2500 MHz)

INSERTION LOSS: < 0.1 dB AVERAGE POWER: 500 W

PIM: < -160 dBc

MAX SURGE CURRENT: 50 kA (8/20 us WAVE-FORM)
RESIDUAL PULSE VOLTAGE: < 100 V (50kA 8/20 us WAVE-FORM)
RESIDUAL PULSE VOLATGE: < 1 V (4kV/2kA 1.2X50/8X20us WAVE-FORM)
ENERGY THROUGHPUT RATING: < 1 nJ

PROTECTION CIRCUIT: DC BLOCKED

2. ENVIRONMENTAL CHARACTERISTICS

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

WEATHERIZATION: IP67

VIBRATION: MIL-STD 202, METHOD 204, CONDITION B

WEIGHT: 1.17 lb / 0.53 kg

RoHS COMPLIANT

3. MATERIAL AND FINISH

INNER CONNECTOR MALE: BRASS, SILVER PLATE INNER CONNECTOR FEMALE: PHOSPHOR BRONZE, SILVER PLATE BODY: BRASS, WHITE BRONZE PLATE COUPLING NUT: BRASS, WHITE BRONZE PLATE

INSULATOR: PTFE

O-RING: SILICONE RUBBER

DRAFTSMAN	M. ELLIS	03/24/14		mintad	MIGI		avamnu	a
CHECKER	M. ELLIS	03/24/14		HMES	MICE	ROWAVE	2121FW	2
APPROVED	M. ELLIS	03/24/14	TIT. 1					
UI	NLESS OTHERWISE SPECIFIED		TITLI			PROT		-
	L DIMENSIONS ARE IN INCHES	MAY		N F	FEM/	ALE TO	N MALE	Ξ
	OVE ALL BURRS .005 MAX. BREA				800	0-2500 N	ЛHz	
	IINE CORNERS .005 MAX. FILLET TOLERANCES ON DECIMALS	R.						
.XX ± ANGLES	.01 .XXX ± .	.005 1/32	DWG. SIZE	\overline{C}	DRWG. NO.	LP-ST	R-NMP	R
DC	NOT SCALE DRAWING	3	CODE IDENT.	68999	SCALE:	1.5:1	SHEET 1	OF

E:	SURGE PROTECTOR
	N FEMALE TO N MALE
	800-2500 MHz

DWG. SIZE		DRWG. NO.	LP-STI	REV.	
CODE IDENT.	68999	SCALE:	1.5:1	SHEET 1 OF 1	