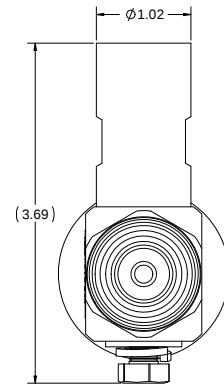
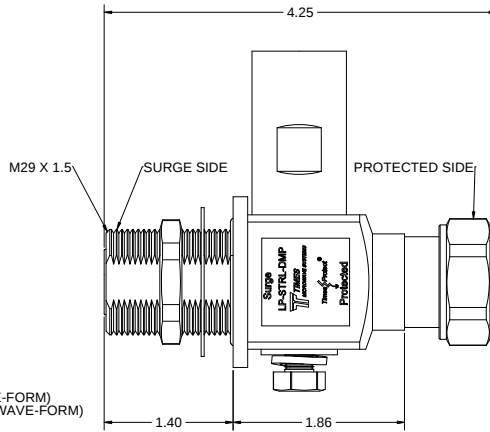
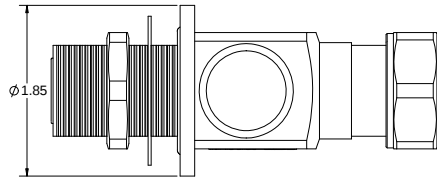
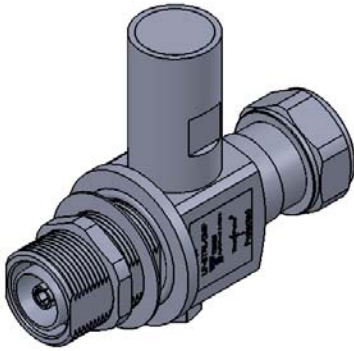


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REV.	REVISION DESCRIPTION	DATE	DATE	DATE
A	RELEASED FOR PRODUCTION	M.E.	03/24/14	M.E.



NOTES:

1. ELECTRICAL PERFORMANCE

IMPEDANCE: 50 OHMS
OPERATING FREQUENCY: 680-2200 MHz
VSWR/RETURN LOSS: < 1.13:1 / < -24 dB (680-700 MHz)
< 1.1:1 / < -26 dB (700-2200 MHz)
INSERTION LOSS: < 0.1 dB
AVERAGE POWER: 700 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 VOLTAGE: < 1 V (4kV/2kA 1.2X50/8X20 us WAVE-FORM)
ENERGY THROUGHPUT RATING: < 1 nJ (4kV/2kA 1.2X50/8X20 us WAVE-FORM)
PROTECTION CIRCUIT: DC BLOCKED

2. ENVIRONMENTAL CHARACTERISTICS

STORAGE/OPERATING TEMPERATURE: -40C TO +85C
WEATHERIZATION: IP67
VIBRATION: MIL-STD 202, METHOD 204, CONDITION B
WEIGHT: 1.32 lb / 0.6 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

MATERIAL:

USED ON ASSY.

DESIGNED BY	M. ELLIS	03/24/14
CHECKED BY	M. ELLIS	03/24/14
APPROVED BY	M. ELLIS	03/24/14

UNLESS OTHERWISE SPECIFIED		
ALL DIMENSIONS ARE IN INCHES		
MACHINED SURFACES FINISH 32 RMS MAX.		
REMOVE ALL BURRS .005 MAX. BREAK		
MACHINE CORNERS .005 MAX. FILLET R.		
TOLERANCES ON DIMENSIONS		
.XX 1 .00	.XXX 1 .005	
ANGLES 1 .0	FRACTIONS 1 .010	

DO NOT SCALE DRAWING

TIMES MICROWAVE SYSTEMS

TITLE: SURGE PROTECTOR
DIN FEMALE TO DIN MALE
680-2200 MHz

DATE	DESIGN	REV.
03/24/14	LP-STRL-DMP	A

SCALE: 1.5:1

SHEET 1 OF 1