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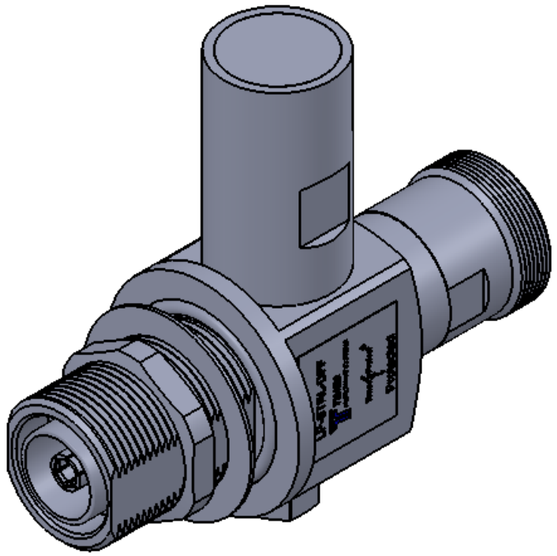
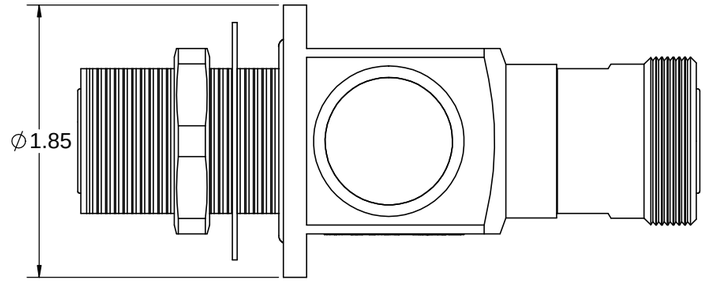
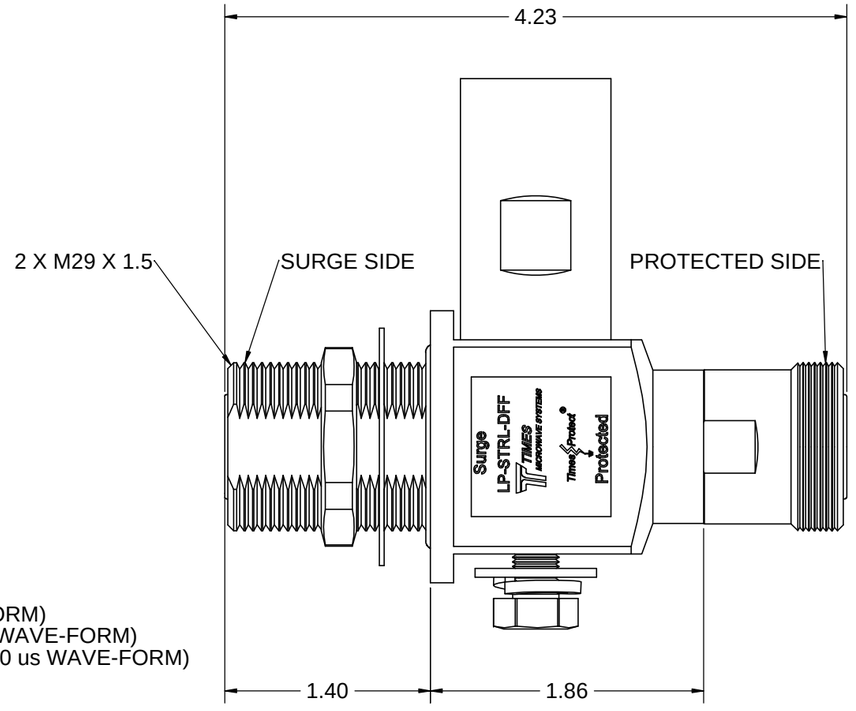
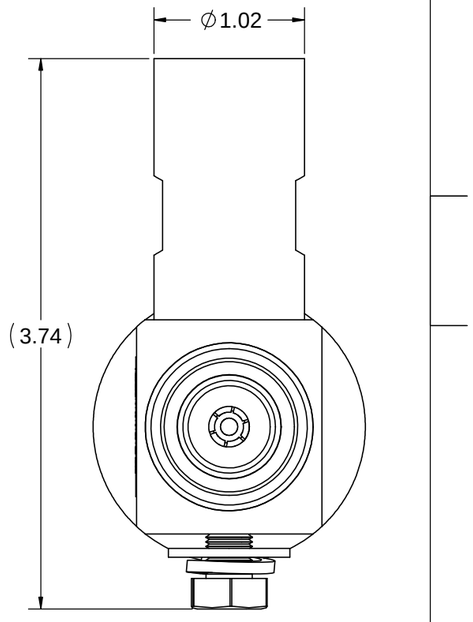
REV.	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	M.E.	03/24/14	M.E.	03/24/14









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 VOLATGE: < 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 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
CHECKER	M. ELLIS	03/24/14
APPROVED	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 DECIMALS
.XX ± .01 .XXX ± .005
ANGLES ± 1° FRACTIONS ± 1/32

DO NOT SCALE DRAWING

MATERIAL:

USED ON ASSY.

TIMES MICROWAVE SYSTEMS

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

DWG. SIZE	DRWG. NO.	REV.
C	LP-STRL-DFF	A

CODE IDENT.	SCALE	SHEET
68999	1.5:1	SHEET 1 OF 1