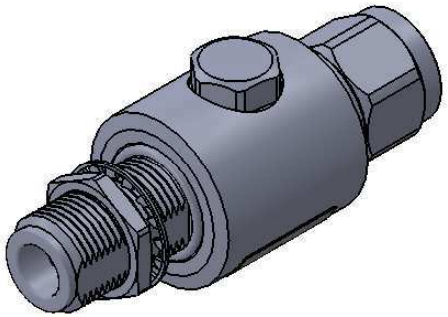
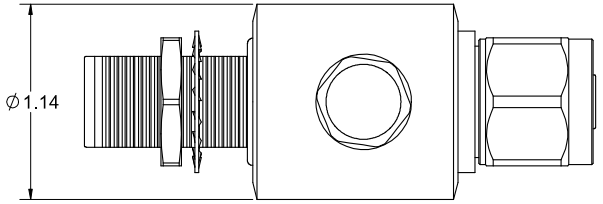
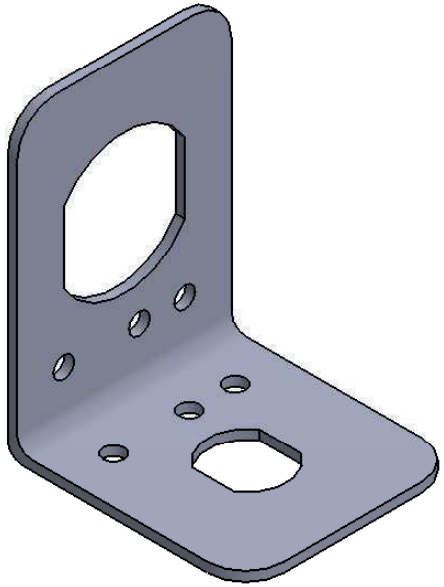
NOTICE OF PROPRIETARY RIGHTS

THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS. PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

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

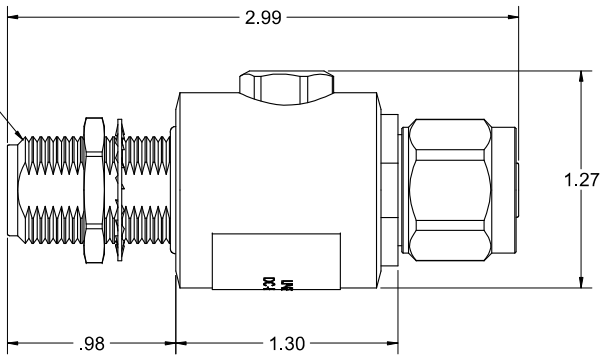
IMPEDANCE: 50 OHMS
OPERATING FREQUENCY: DC-3000 MHz
VSWR/RETURN LOSS: < 1.1:1 / < -26 dB (DC-2800 MHz)
< 1.13:1 / < -24 dB (2800-3000 MHz)
INSERTION LOSS: < 0.1 dB (DC-1000 MHz)
< 0.2 dB (1000-3000 MHz)
AVERAGE POWER: 550 W
MAX SURGE CURRENT: 20 kA MULTIPLE (8/20 us WAVE-FORM)
IMPULSE SPARKOVER: 800 V (1kV/us)
TURN ON: 350 Vdc
PROTECTION CIRCUIT: DC PASS, BIDIRECTIONAL

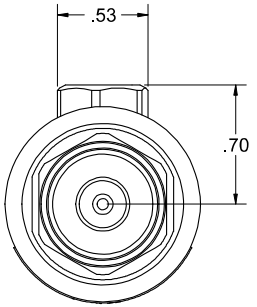
2. ENVIRONMENTAL CHARACTERISTICS

STORAGE/OPERATING TEMPERATURE: -40C TO +85C
WEATHERIZATION: IP67
VIBRATION: MIL-STD 202, METHOD 204, CONDITION B
RoHS COMPLIANT

3. MATERIAL AND FINISH

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

MATERIAL:

USED ON ASSY.

DO NOT SCALE DRAWING

TIMES MICROWAVE SYSTEMS

TITLE: SURGE PROTECTOR
N FEMALE TO N MALE
DC-3000 MHz

DWG. SIZE C | DRWG. NO. LP-GTR-NFM- 35 | REV. A

CODE IDENT. 68999 | SCALE: 2:1 | SHEET 1 OF 1