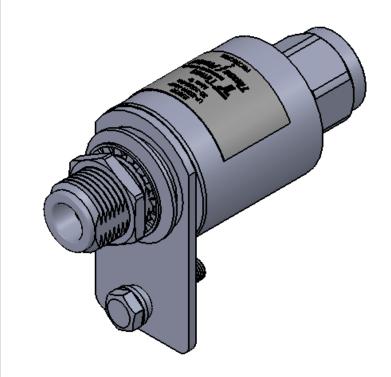
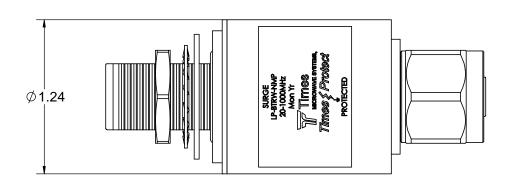
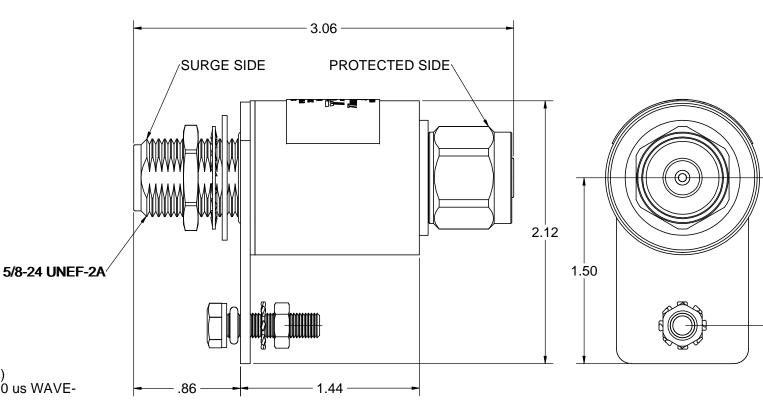
NOTICE OF PROPRIETARY RIGHTS

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





MATERIAL:



USED ON ASSY.

NOTES:

1. ELECTRICAL PERFORMANCE

IMPEDANCE: 50 OHMS OPERATING FREQUENCY: 20-1000 MHz VSWR/RETURN LOSS: < 1.1:1 / < -26 dB INSERTION LOSS: < 0.1 dB TURN ON VOLTAGE: 600 Vdc +/- 20%

TURN ON TIME: 2.5 ns for 2 kV/ns MAX SURGE CURRENT: 10 kA MULTIPLE (8/20 us WAVE-FORM)

ENERGY THROUGHPUT RATING: < 200 uJ (6kV/3kA 1.2X50/8X20 us WAVE-

POWER HANDLING AT FREQUENCY: 375 W (20-220 MHz) 125 W (220-700 MHz)

50 W (700-1000 MHz)

PROTECTION CIRCUIT: DC BLOCKED

2. ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE RANGE STORAGE/OPERATING: -40C TO +85C/-40C TO +50C **WEATHERIZATION: IP67** VIBRATION: MIL-STD 202, METHOD 204, CONDITION B WEIGHT: 0.55 lb / 0.25 kg **RoHS COMPLIANT**

3. MATERIAL AND FINISH

INNER CONNECTOR FEMALE: PHOSPHOR BRONZE, SILVER PLATE INNER CONNECTOR MALE: BRASS, SILVER PLATE BODY: BRASS, WHITE BRONZE PLATE OUTER CONDÚCTOR: BRASS, WHITE BRONZE PLATE COUPLING NUT: BRASS, WHITE BRONZE PLATE **INSULATOR: PTFE**

DRAFTSMAN M. ELLIS 03/24/14 TIMES MICROWAVE SYSTEMS CHECKER M. ELLIS 03/24/14 APPROVED M. ELLIS 03/24/14 TITLE: 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

± .01 .XXX ± .005

S ± 1° FRACTIONS ± 1/32 DO NOT SCALE DRAWING

SURGE PROTECTOR N FEMALE TO N MALE 20-1000 MHz

LP-BTRW-NMP 2:1 SHEET 1 OF 1

1.19