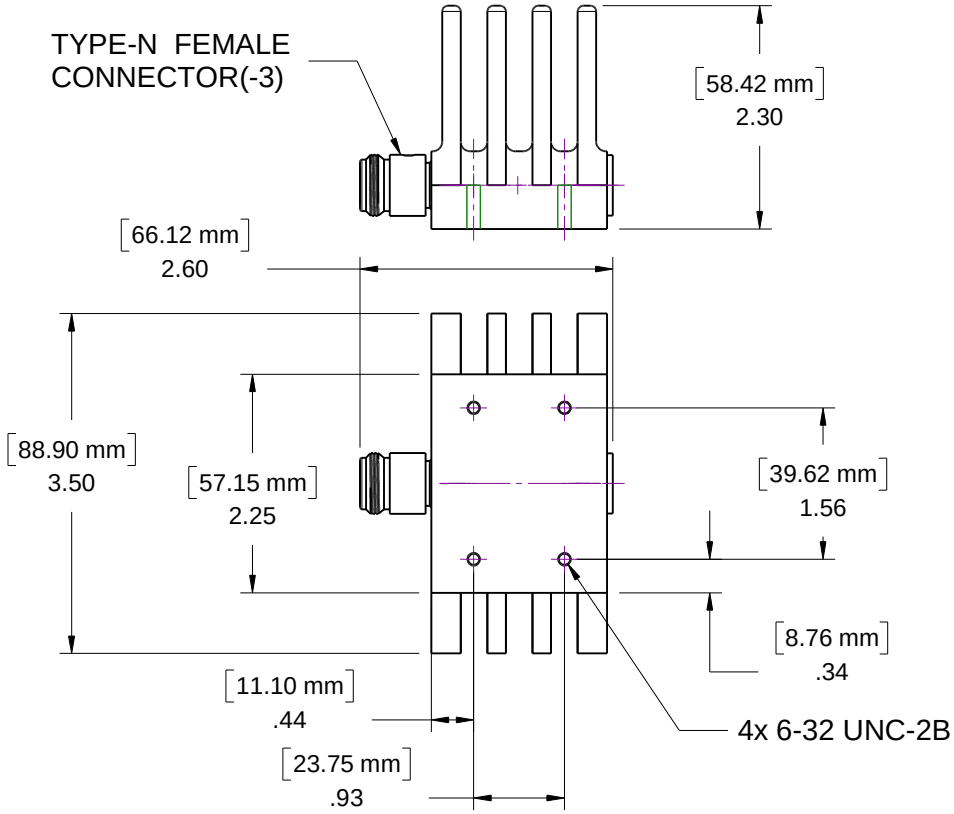
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

NOMINAL IMPEDANCE: 50 OHMS

FREQUENCY RANGE: DC-18.0 GHZ

POWER RATING: 50 WATTS AVERAGE.
MAXIMUM RATED AVERAGE POWER TO 25°C AMBIENT TEMPERATURE, DERATED LINEARLY TO 10 WATTS AT 125°C. 1KILOWATT PEAK (5 MICROSECOND PULSE WIDTH, 2.5% DUTY CYCLE)

TEMPERATURE RANGE: -55°C TO +125°C

CONSTRUCTION: BLACK FINNED ALUMINUM ALLOY BODY WITH PASSIVATED STAINLESS STEEL CONNECTOR. GOLD PLATED BERYLLIUM COPPER FEMALE CONTACT.

CONNECTOR: TYPE-N CONNECTOR PER MIL-STD-348A, INTERFACE DIMENSIONS MATE NONDESTRUCTIVELY WITH MIL-PRF-39012.

WEIGHT: xx.xxKg / xx.xxoz.(TBD)

VSWR:

FREQUENCY (GHZ)	VSWR (MAX.)
DC-8.0	1.15
8.0-12.4	1.20
12.4-18.0	1.30

NOTES: DIMENSIONS ARE GIVEN IN [MM] AND ARE NOMINAL, UNLESS OTHERWISE SPECIFIED

APPLICATION	
USED ON	NEXT ASSY
WA1490B-3	

DIMENSIONS IN INCHES
3 PLCS +/- .003
2 PLCS +/- .01
FRACTIONS +/- 1/64
ANGLES +/- 1/2 DEG
UNLESS OTHERWISE SPECIFIED

MAT'L: NONE

FINISH: NONE

DRAWN	LMT	10/2/13
CHECKED		
QA		
MFG		
APPROVED	DMH	10/2/13

COMPANY: WEINSCHEL ASSOCIATES
19212 ORBIT DRIVE
GAITHERSBURG, MD 20879

TITLE: MODEL WA1490B-3 OUTLINE DRAWING

SIZE	FSCM NO.	DWG NO.	REV
A	0H3E9	205147	1

SCALE 1:2 | SKETCH DWG NO. | SHEET 1 OF 1

PROPERTY OF
nVISION INDUSTRIES, INC
COMPANY CONFIDENTIAL