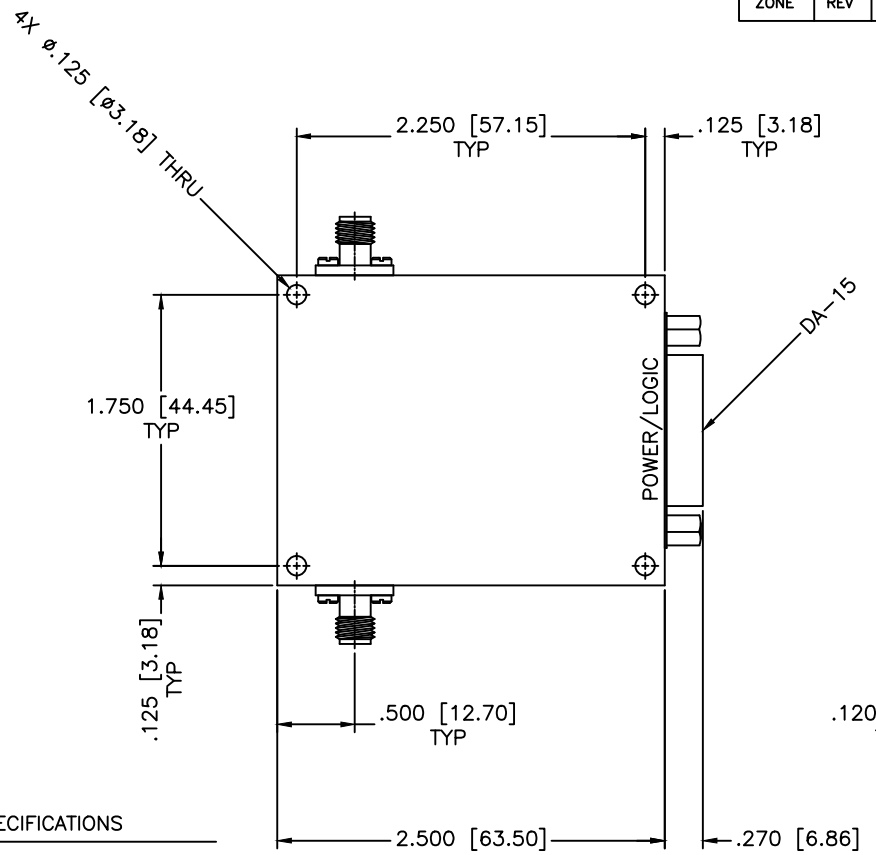
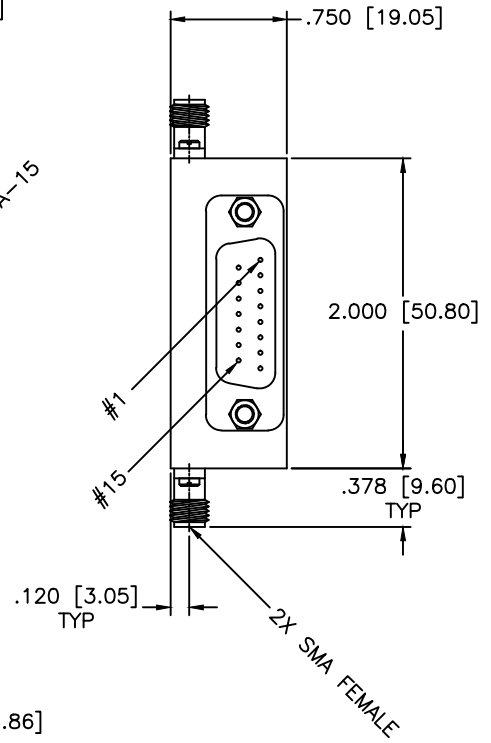
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED





PIN Configuration

1	−15Vdc
2	GND
3	+15Vdc
4	32dB
5	16dB
6	8dB
7	4dB
8	2dB
9	1dB
10	0.5dB
11	0.25dB
12	N/C
13	N/C
14	N/C
14	N/C

SPECIFICATIONS

Frequency Range:	12.0−18.0 GHz
Dynamic Range:	64dB Min.
Control Logic:	8 Bits, TTL Comp; TTL High − Active
Resolution:	0.25dB
Attenuation Accuracy:	±1.5dB
Insertion Loss:	4.5dB Max
VSWR:	1.80:1 Max in 50 Ohms
RF Input Power:	+10dBm CW, 1W Max
Switching Speed:	1.0uSec Max
DC Connections:	DA−15P Sub−Miniature D
Operating Temperature Range:	−30°C to +95°C
Temperature Coefficient:	±0.03dB / Deg. C
DC Supply:	±15Vdc @ 250mA
	−15Vdc @ 100mA

MATERIAL:

DRAWN: Paiboon — DATE: 03-21-2024

APPROVED: P. Nguyen — DATE: 03-21-2024

MCLI

MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344-6254 FAX: (727) 381-6116
hhtp://WWW.MCLI.COM

SCALE: N/A

SHEET: N/A

UNLESS OTHERWISE SPECIFIED:
TOLERANCES
IN (INCHES) OR [mm] (MILLIMETERS)
FRACTIONS: ± 1/64
DECIMALS: ±.02 ±.015
ANGLE: ±1/2°

PROPRIETARY NOTICE:
THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)

THIRD ANGLE PROJECTION

DRAWING TITLE: DIGITALLY CONTROLLED ATTENUATOR

PART NO. LC-20-64

CAGE CODE: 0D2L5

SIZE: A — REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 87008