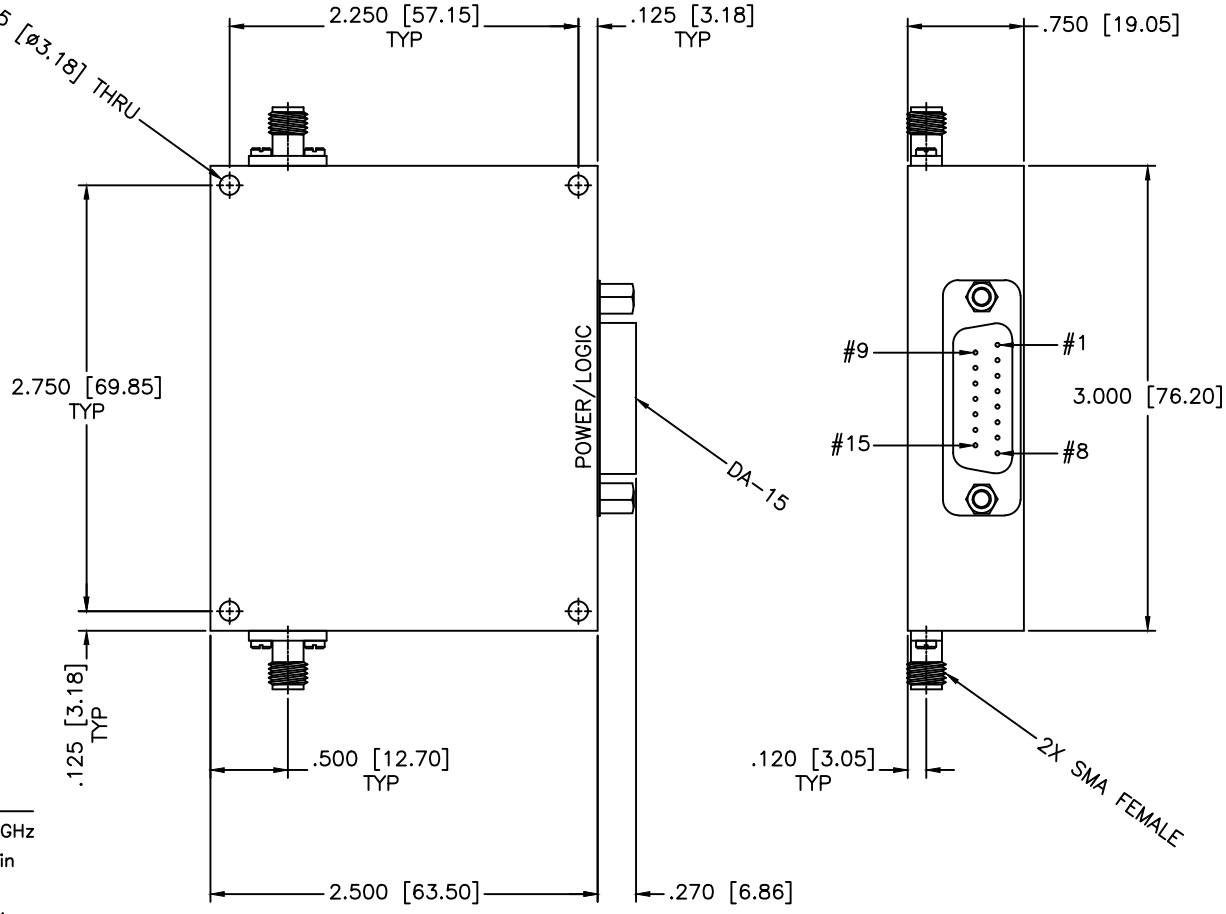


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

4X  $\phi$ .125 [ $\phi$ 3.18] THRU



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
15	N/C

SPECIFICATIONS

Frequency Range: 1.0–2.0 GHz  
 Dynamic Range: 64 dB Min  
 Resolution: 0.25 dB  
 Insertion Loss: 2.5 dB Max  
 Attenuation Accuracy: +/-3.5 dB  
 V.S.W.R.: 1.8:1 Max in 50 Ohms  
 RF Input Power: +5 dBm CW, 1.0 Watt Max  
 Switching Speed: 1.0 uSec Max (any state to any state)  
 Control Logic: 8 BITS, TTL Compatible; TTL High–ACTIVE  
 Operating Temp. Range: -30 to +95 Degrees C  
 Temperature Coefficient: +/-0.03 dB/Degree C  
 DC Connector: DA-15P Sub-Miniature D  
 DC Supply: +15 VDC @ 250 mA, -15 VDC @ 100 mA

MATERIAL:	
DRAWN: Paiboon	DATE: 09-05-2024
APPROVED: T. Nguyen	DATE: 09-05-2024



MICROWAVE COMMUNICATIONS LABORATORIES INC.  
 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710  
 TEL: (727) 544-6254 FAX: (727) 381-6116  
 http://WWW.MCLI.COM

SCALE:	N/A
SHEET:	N/A

UNLESS OTHERWISE SPECIFIED:  
 TOLERANCES  
 IN (INCHES) OR [mm] (MILLIMETERS)  
 FRACTIONS:  $\pm$  1/64  
 DECIMALS:  $\pm$  .02  $\pm$  .010  
 ANGLE:  $\pm$  1/2°

DRAWING TITLE: DIGITALLY CONTROLLED ATTENUATOR

PART NO. LC-2-64

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

CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 87311
DO NOT SCALE THE DRAWING			