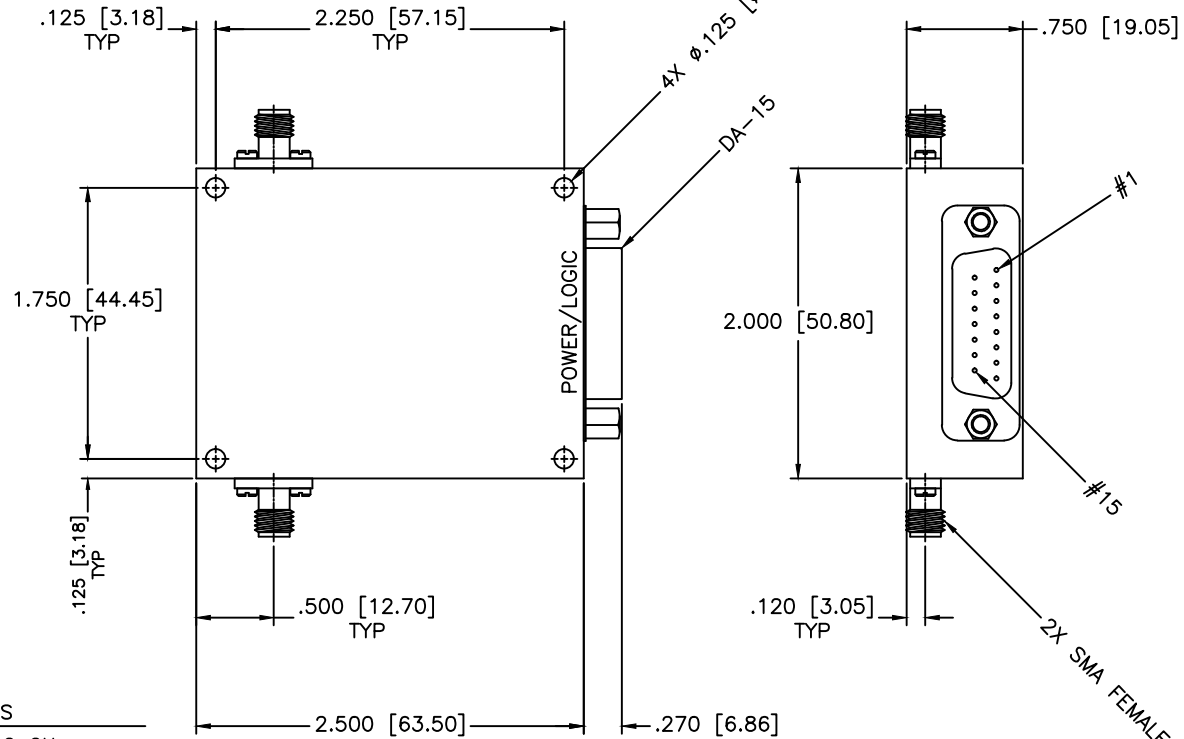


POWER/LOGIC CONNECTIONS

Number Of BITS: 8
 Logic PIN Assignments: LSB@1 to MSB@8
 +15V PIN: 13
 -15V PIN: 14
 Ground PIN: 15

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range: 6–12 GHz
 Dynamic Range: 63.75dB
 Resolution: 0.25dB
 Control Logic: 8 BITS, TTL Compatible
 Insertion Loss: 2.8dB Max
 V.S.W.R.: 1.8:1 Max in 50 Ohms
 Flatness vs. Frequency: ±1.8dB Max
 Switching Speed: 500nSec Max
 RF Input Power: +5dBm CW, 1.0 Watt Max
 Power/Logic Connections: ±12 to ±15 VDC @ ±100 mA
 Power Supply: ±12 to ±15 VDC @ ±100 mA
 Operating Temperature Range: -55°C to +85°C
 Temperature Coefficient: ±0.03dB/Degree C

MATERIAL:	
DRAWN:	DATE:
Paiboon Luekhamhan	03-08-2022
APPROVED:	DATE:
T. Nguyen	03-08-2022

<p>MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM</p>	SCALE:	N/A
	SHEET:	N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE: PIN DIODE ATTENUATOR	
FREQUENTLY INTER: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)	PART NO.: LC-11	
THIRD ANGLE PROJECTION	CAGE CODE:	DWG. NO.
	OD2L5	86960
	SIZE: A	REV: B
	DO NOT SCALE THE DRAWING	