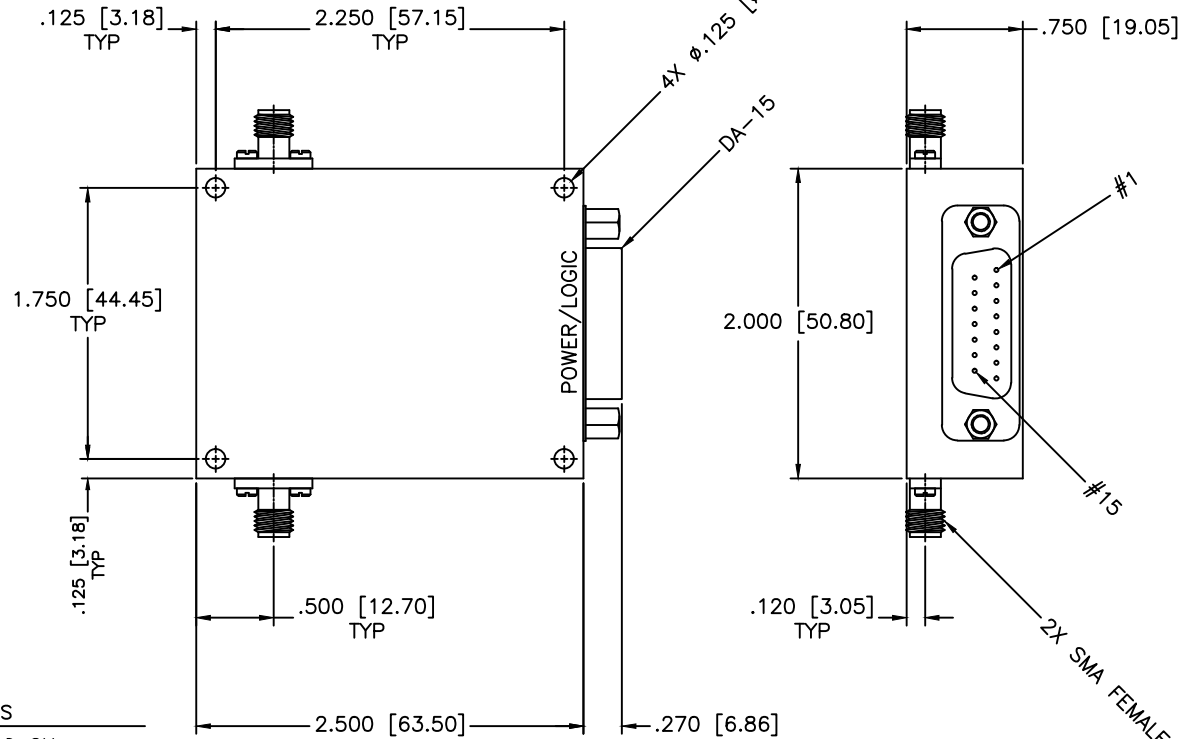


POWER/LOGIC CONNECTIONS

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: 5–10 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: Paiboon Luekhamhan	DATE: 03-08-2022
APPROVED: T. Nguyen	DATE: 03-08-2022

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

UNLESS OTHERWISE SPECIFIED:
 TOLERANCES
 IN (INCHES) OR [mm] (MILLIMETERS)
 FRACTIONS: ± 1/64
 DECIMALS: ±.01 ±.005
 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

SCALE:	N/A
SHEET:	N/A
DRAWING TITLE: PIN DIODE ATTENUATOR	
PART NO. LC-10	
CAGE CODE: OD2L5	SIZE: A
REV: A	DWG. NO. 86961
DO NOT SCALE THE DRAWING	