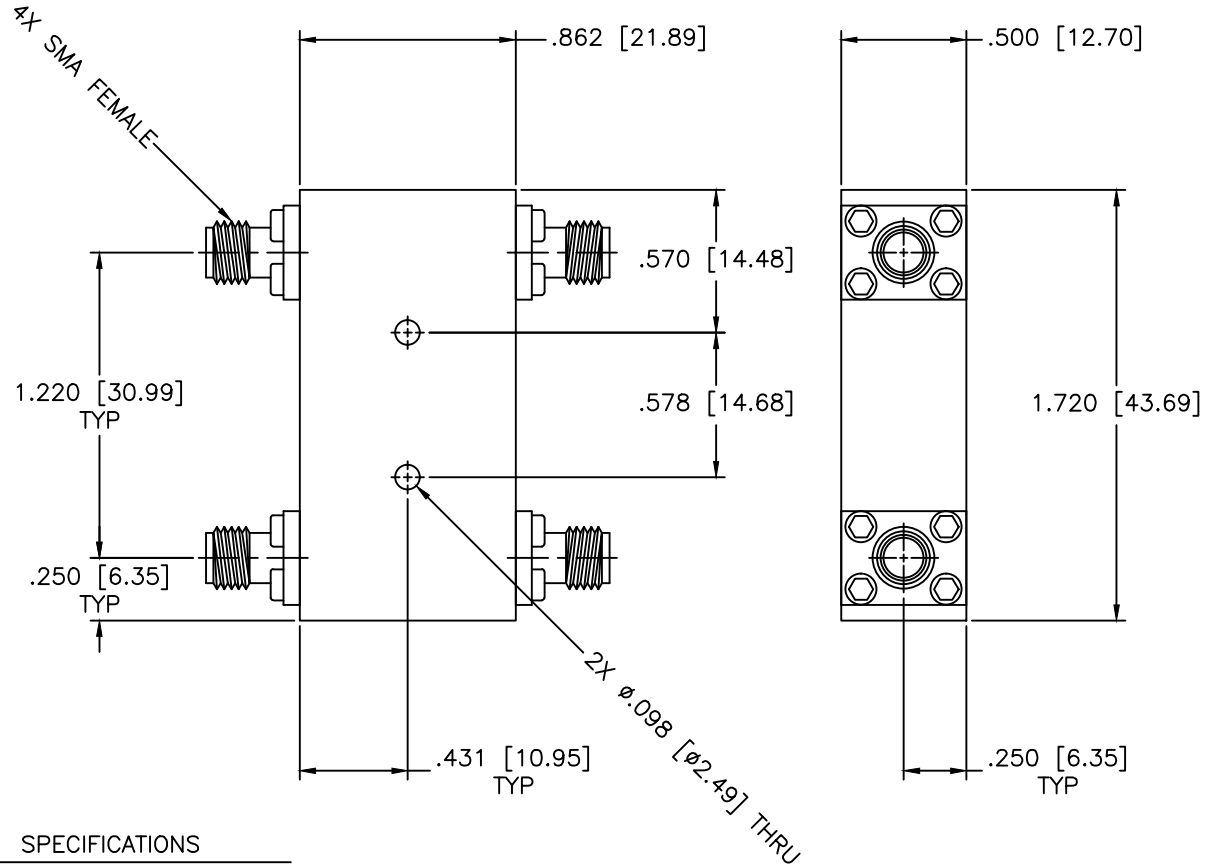
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range:	6–20 GHz
Isolation:	17dB Min.
VSWR:	1.45:1 Max.
Insertion Loss:	1.0dB Max.
Amplitude Balance:	±0.4dB Max.
Phase Balance:	±5° Max.
Average Power:	20W, Peak 3kW
Operating Temperature Range:	−32°C to +85°C

MATERIAL:

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 ±.008
ANGLE: ±1/2°

DRAWING TITLE: 90° HYBRID

PART NO. HB-65

DRAWN: Paiboon DATE: 06-17-2025

APPROVED: T. Nguyen DATE: 06-17-2025

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: 0D2L5

SIZE: N/A REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 87347