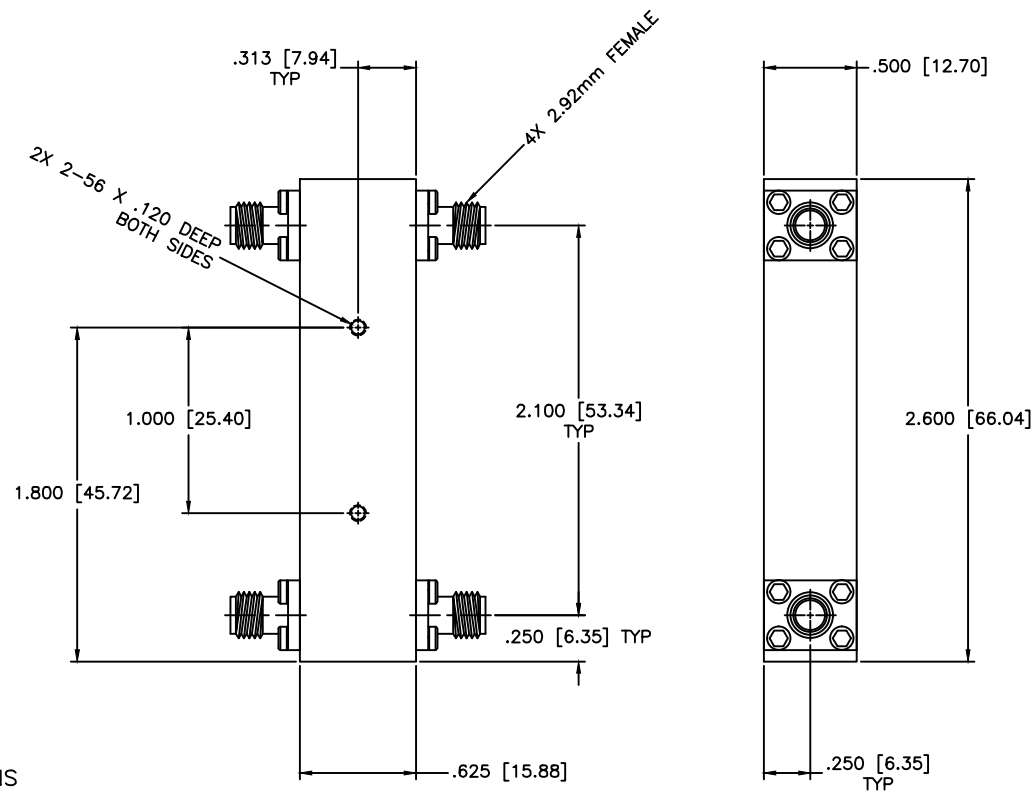


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 1.7–36 GHz
 Coupling: 3dB Typ.
 VSWR: 1.85:1 Max.
 Amplitude Balance: ± 1.7 dB
 Phase Balance: ± 12 Deg.
 Insertion Loss: 4.35dB Max.
 Isolation: 12dB Min.
 Power Rating: 20W Average, 3kW Peak
 Operating Temperature: -54°C to $+85^{\circ}\text{C}$

MATERIAL:

MCLI

MICROWAVE COMMUNICATIONS LABORATORIES INC.
 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
 TEL: (727) 344-6254 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: $\pm 0.01 \pm 0.005$
 ANGLE: $\pm 1/2^{\circ}$

DRAWING TITLE:

90° HYBRID 3dB COUPLER

PART NO.

HB-98

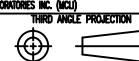
DRAWN: Paiboon Luekhamhan

DATE: 08-29-2011

APPROVED: T. Nguyen

DATE: 08-29-2011

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)



CAGE CODE:

OD2L5

SIZE: A

REV: N/A

DWG NO.

85879

DO NOT SCALE THE DRAWING