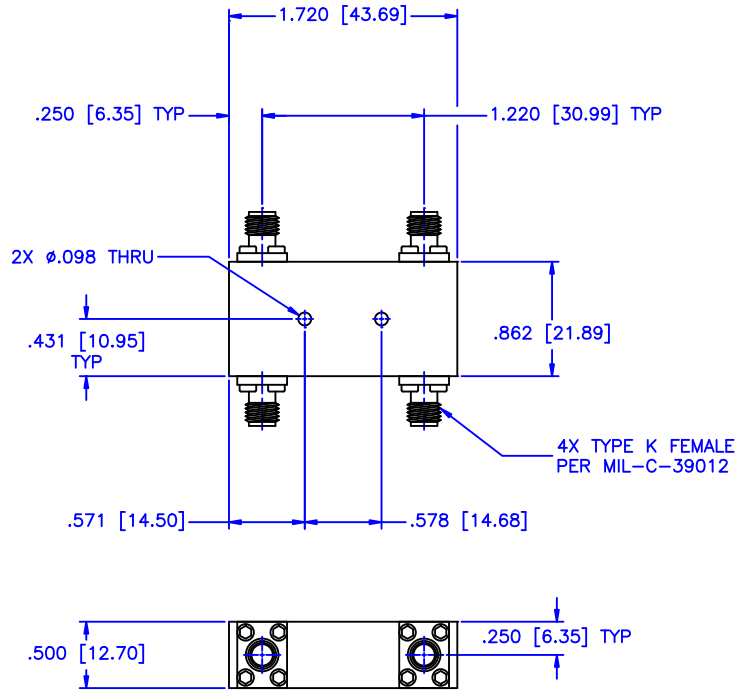


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



### SPECIFICATIONS

Frequency Range:	18 to 40 GHz
VSWR:	1.70:1 Max.
Insertion Loss:	2.0dB Max.
Isolation:	>13dB Min.
Phase Unbalance:	±10° Degrees Max.
Amplitude Unbalance:	±1.2dB

MATERIAL:		<b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 544-0254 FAX: (727) 381-0110 <a href="http://www.mcli.com">http://www.mcli.com</a>		SCALE:	N/A
UNLESS OTHERWISE SPECIFIED:		TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .01 ± .005 ANGLES: ± 1/2°		DRAWING TITLE:	90° HYBRID
DESIGNED BY:	Paiboon Luekhamhan	DATE:	01-12-2009	PART NO.:	HB-84
APPROVED BY:	T. Nguyen	DATE:	01-12-2009	CAGE CODE:	0D2L5
SPECIAL NOTES: ALL DIMENSIONS IN THIS DRAWING IS IN INCHES UNLESS NOTED OTHERWISE. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTERLINE UNLESS NOTED OTHERWISE. DIMENSIONS FOR DIMENSIONS COMMUNICATIONS LABORATORIES, INC. (MCLI)		SIZE:	C	REV:	N/A
DO NOT SCALE THE DRAWING		DWG NO.:	84049		