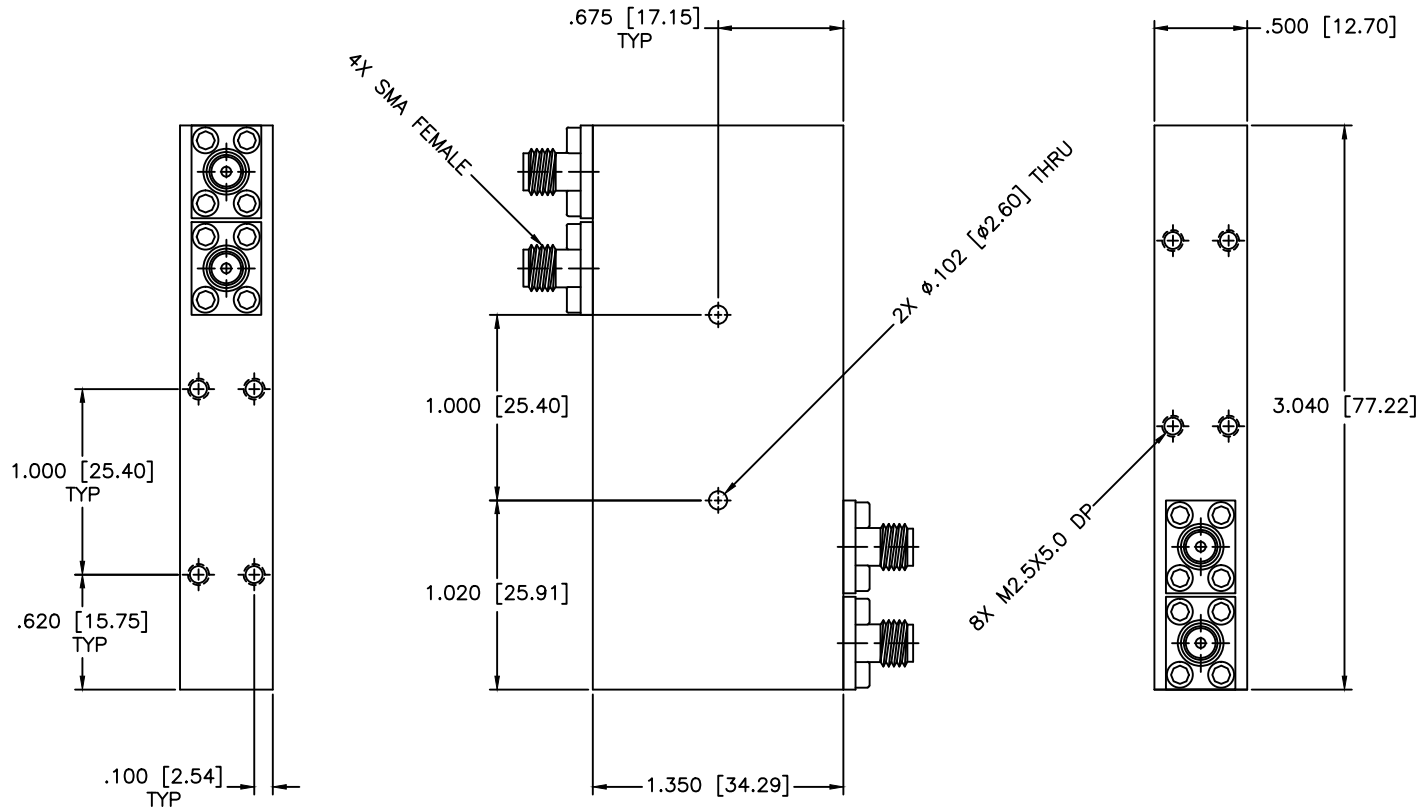


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



**SPECIFICATIONS**

Frequency Range: 4–18 GHz  
 Nominal Degree: 180 Deg.  
 Isolation: 16dB Min.  
 VSWR: 1.60:1 Max.  
 Insertion Loss: 2.4dB Max.  
 Amplitude Balance: ±0.7dB  
 Phase Balance: ±8 Deg.  
 Average Power: 20W, 3kW Peak  
 Operating Temperature: -55°C to +105°C

MATERIAL:		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: ± 1/64 DECIMALS: ±.02 ±.009 ANGLE: ±1/2°	DRAWING TITLE: <b>180° HYBRID</b>	
DRAWN: Paiboon Luekhamhan		DATE: 07-19-2016	PART NO. <b>HJ-45</b>	
APPROVED: T. Nguyen		DATE: 07-19-2016	CAGE CODE: 0D2L5	SIZE: A REV: A DWG NO. <b>86658</b>
		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)	DO NOT SCALE THE DRAWING	