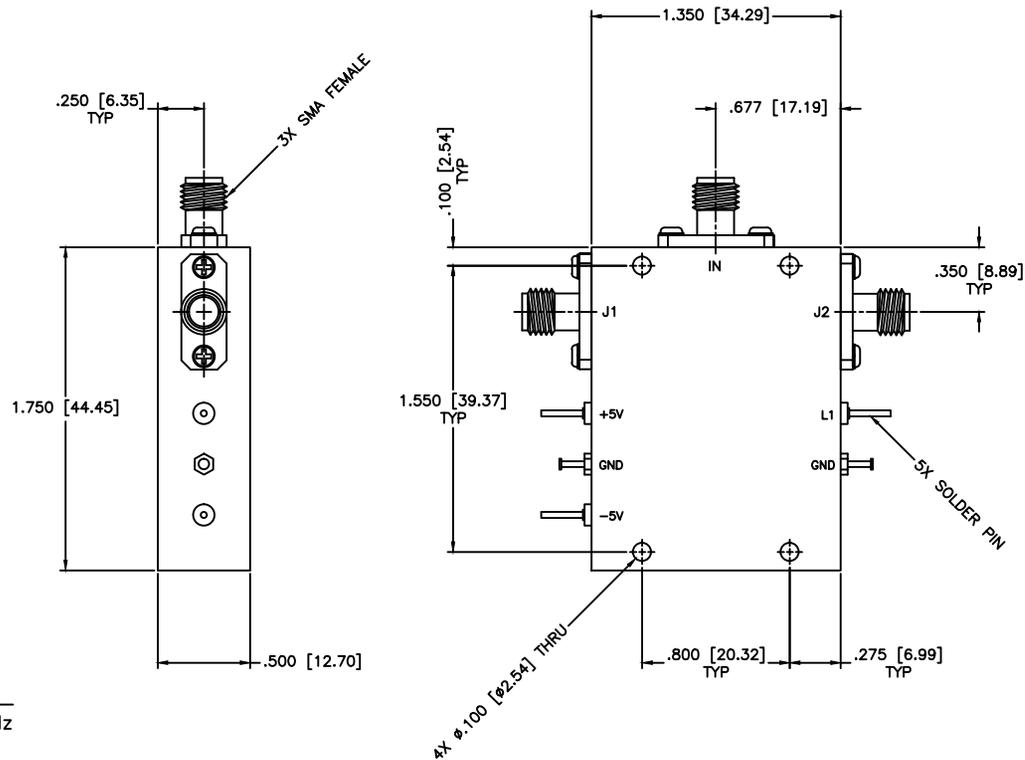


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



SPECIFICATIONS

Frequency Range: 0.5–18.0 GHz
 Switch Type: SP2T
 Isolation: 60dB min
 Insertion Loss: 2.8dB max
 VSWR: 2.00:1 Max.
 Input Power: 200mW (23dBm)
 Switching Time: 100 (nSec)
 Driver: Schottkey TTL
 Voltage/Current Required: ± 5 Vdc @ ± 30 mA, Typical
 Individual TTL Control Logic: Logic "0" (-0.3V to +0.8V) = ON
 Logic "1" (+2.0V to +5.0V) = OFF

TTL Control Logic

L1	IN-J1	IN-J2
0	Insertion Loss	Isolation
1	Isolation	Insertion Loss

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	
UNLESS OTHERWISE SPECIFIED:		TOLERANCES		DRAWING TITLE:		PIN DIODE SWITCHES, REFLECTIVE	
IN (INCHES) OR [mm] (MILLIMETERS)		FRACTIONS: $\pm 1/64$		PART NO.:		D2-24/REF	
DECIMALS: $\pm 0.1 \pm 0.005$		ANGLE: $\pm 1/2^\circ$		CAGE CODE:		SIZE: N/A	
DRAWN: Paiboon Luekhamhan		DATE: 07-24-2006		REV: N/A		DWG NO. 85722	
APPROVED: T. Nguyen		DATE: 07-24-2006		DO NOT SCALE THE DRAWING			