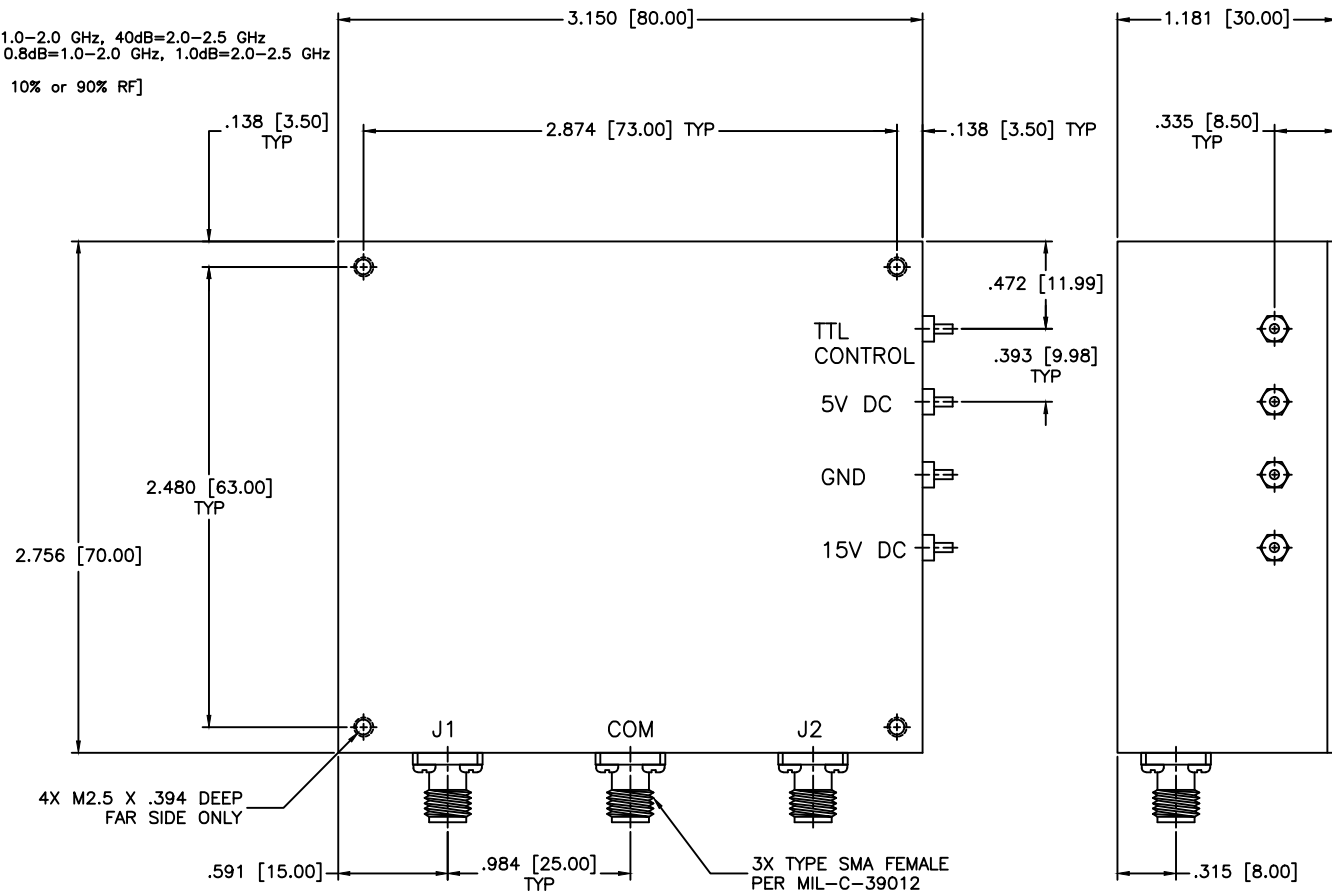


High Power Input Specifications:
 Frequency Range: 500 to 2500 MHz
 RF Input Power: 40 Watts (CW) Average (Cold switch)
 Load VSWR: 2.50:1 (Maximum)

Microwave Switch Specifications:
 Frequency Range: 500 to 2500 MHz
 Isolation (Min.): 50dB=1.0-2.0 GHz, 45dB=2.0-2.5 GHz
 Insertion Loss (Max.): 0.5dB=1.0-2.0 GHz, 0.8dB=1.0-2.0 GHz, 1.0dB=2.0-2.5 GHz
 VSWR: 1.50:1 (Max.)
 RF Switch Speed (Max.): 20 us[50%TTL to 10% or 90% RF]



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

General Specifications:
 Connectors: SMA Female
 Impedance: 50 Ohms
 Insertion Loss: 0.6 dB (Max.)
 Control Bias DC Connector Solder Terminals
 Control, Logic TTL,
 State 0 = J1 to Com RF Path, State 1 = J2 to Com RF Path

DC Power Requirements:
 Positive Supply: +5±5% Vdc
 Positive Supply Current (nominal) : 250 mA
 Positive Supply Voltage: +15±5% Vdc

Environmental Requirements:
 Operating Temperature: -20° to +70° Degrees C
 Storage Temperature: -55° to +85° Degrees C
 Cooling: Construction cooling through surface of switch body

MATERIAL:	
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	
DRAWN:	DATE:
Paiboon Luethamhan	07-17-2006
APPROVED:	DATE:
T. Nguyen	07-17-2006

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
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)		SHEET:	N/A
DRAWING TITLE:		PIN DIODE SWITCHES	
PART NO.		D2-28	
CAGE CODE:	SIZE:	REV:	DWG NO.
OD2L5	A	N/A	82587
DO NOT SCALE THE DRAWING			

