



**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:	
DRAWN: Paiboon Luekhamhan	DATE: 07-17-2006
APPROVED: T. Nguyen	DATE: 07-17-2006

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SCALE:	N/A
SHEET:	N/A

UNLESS OTHERWISE SPECIFIED:  
 TOLERANCES  
 IN (INCHES) OR [mm] (MILLIMETERS)  
 FRACTIONS: ± 1/64  
 DECIMALS: ±.01 ±.005  
 ANGLE: ±1/2°

DRAWING TITLE:  
**PIN DIODE SWITCHES**

PART NO.  
**D2-27**

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)

THIRD ANGLE PROJECTION

CAGE CODE: OD2L5	SIZE: A	REV: N/A	DWG NO. 82586
DO NOT SCALE THE DRAWING			