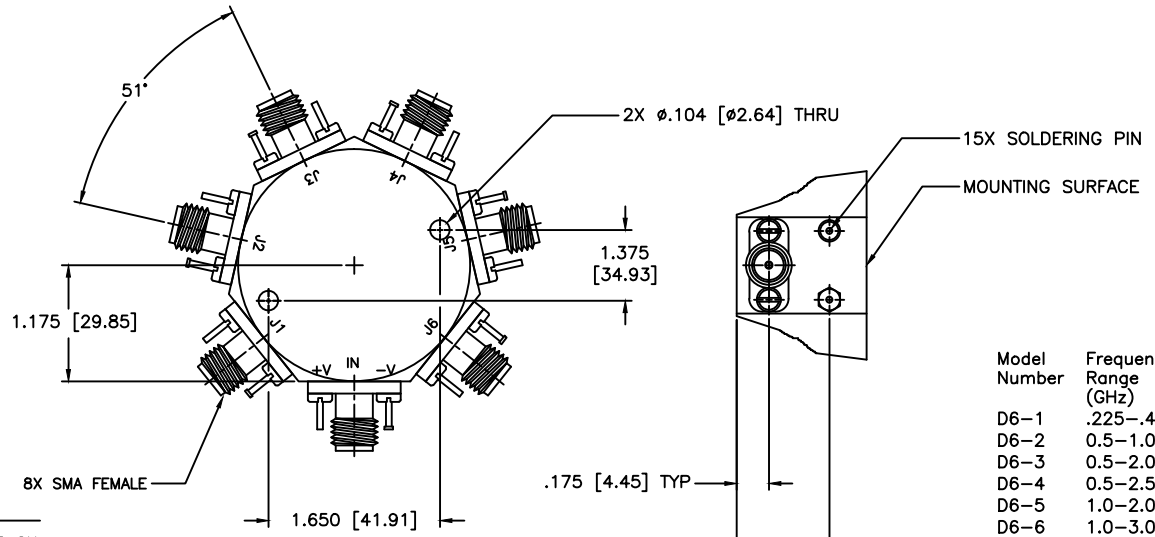
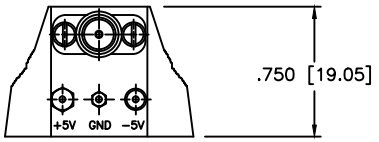
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED





Model Number	Frequency Range (GHz)	Insertion Loss ABS/REF (dB Max.)	VSWR (Max.)
D6–1	.225–.400	1.40/1.30	1.90:1
D6–2	0.5–1.0	1.30/1.20	1.85:1
D6–3	0.5–2.0	1.40/1.30	1.85:1
D6–4	0.5–2.5	1.50/1.40	1.85:1
D6–5	1.0–2.0	1.30/1.20	1.85:1
D6–6	1.0–3.0	1.40/1.30	1.85:1
D6–7	2.0–4.0	1.50/1.40	1.85:1
D6–9	2.0–18	3.40/3.30	2.50:1
D6–10	3.625–4.25	1.40/1.30	1.85:1
D6–12	5.8–6.45	1.70/1.60	1.85:1
D6–13	6.0–18	3.40/3.30	2.50:1
D6–14	7.2–8.5	2.40/2.30	2.10:1
D6–15	8–12.4	2.40/2.30	2.10:1
D6–16	12–18	3.50/3.30	2.50:1
D6–17	14–14.5	3.40/3.30	2.50:1
D6–18	18–26.5	3.90/3.80	2.70:1

GENERAL INFORMATION

Frequency Available From: 0.225 To 26.5 GHz
Standard Isolation: 60dB
RF Impedance: 50 Ohms
RF Power: +20dBm
Switching Speed: 90% to 10% or 10% to 90% of RF.
Additional 50 nanoseconds of driver delay
Operating Temperature from: –55 to +85 C
Environmental: Per MIL E–5400
DC Power Requirements: +/– 5 Volts @ 70 mA
Other connectors: Type N, BNC, TNC available

Logic is TTL "0" when "On" and "1" when "Off"
Standard Speed is 2 microseconds
All models are provided without Drivers
Driver Option add suffix /D
* Custom Design For Higher Isolation Available
** Reflective: VSWR means "ON" Input and Output Position.
Obsortive: VSWR means "ON" Input and Output, Also "OFF" Position.

MATERIAL:

DRAWN: Paiboon Luekhamhan DATE: 04-21-2009

APPROVED: T. Nguyen DATE: 04-21-2009

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

THIRD ANGLE PROJECTION

SCALE: N/A
SHEET: N/A

DRAWING TITLE: SP6T PIN DIODE SWITCHES

PART NO.: D6–SERIES

CAGE CODE: 0D2L5
SIZE: A
REV: N/A
DWG NO.: 84388
DO NOT SCALE THE DRAWING