

MECHANICAL  
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: FAILSAFE  
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL  
ACTUATOR VOLTAGE: 28.0 Vdc (22.0-32.0 Vdc)  
ACTUATOR CURRENT: 0.275 A MAX @ 28.0 Vdc  
POWER HANDLING: 350 WCW @ 1.0 GHz  
IMPEDANCE: 50 OHMS

ENVIRONMENTAL  
OPERATING TEMP: -54°C to +90°C  
SINE VIBRATION: 30 G'S rms  
LIFE : 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G'S rms

SPECIFICATION:

FREQUENCY RANGE (GHz): DC-2.0

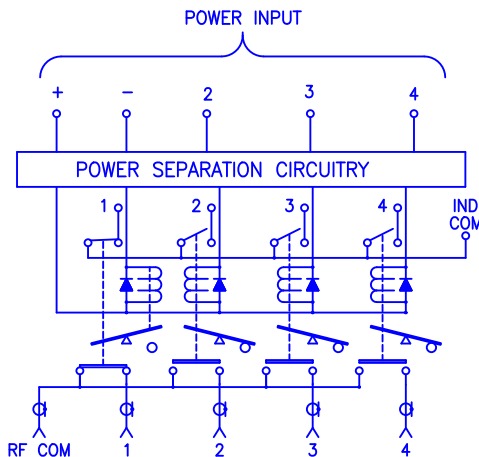
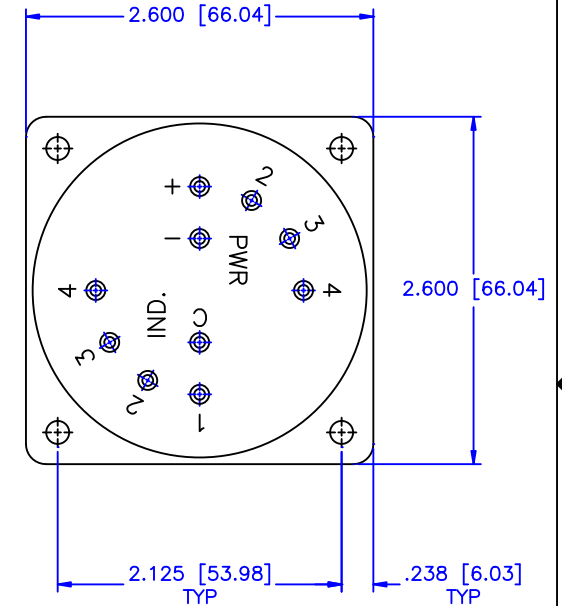
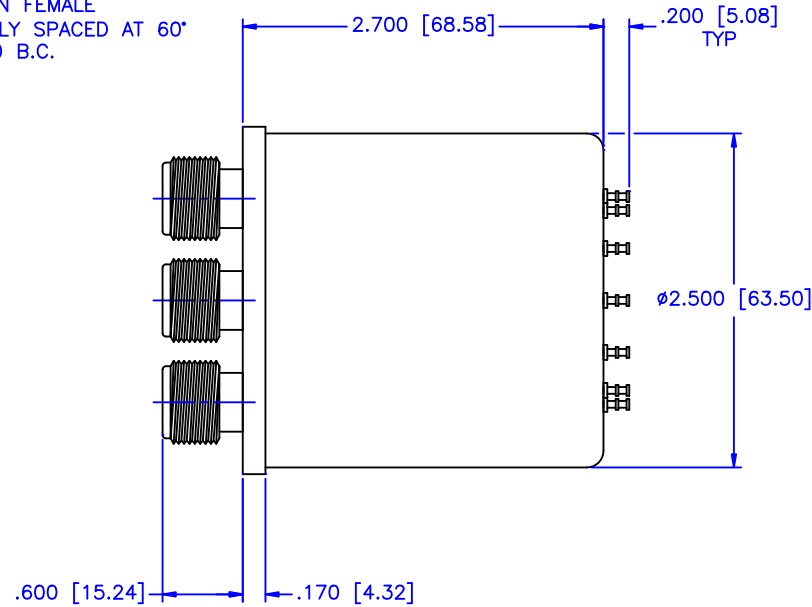
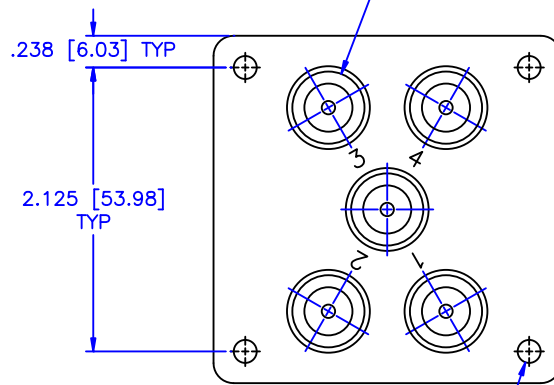
VSWR (Max.): 1.20:1

INSERTION LOSS (dB): 0.20

ISOLATION (dB): 90

| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |

(5) TYPE N FEMALE  
(4) EQUALLY SPACED AT 60°  
ON Ø1.760 B.C.



|                           |  |                                                                                                                                                                          |  |                                           |
|---------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|
| MATERIAL:                 |  | <b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM |  | SCALE: N/A                                |
|                           |  | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR (mm) (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2°                              |  | SHEET: N/A                                |
| DRAWN: Paiboon Luekhamhan |  | DATE: 03-02-2009                                                                                                                                                         |  | DRAWING TITLE: ELECTROMECHANICAL SWITCHES |
| APPROVED: T. Nguyen       |  | DATE: 03-02-2009                                                                                                                                                         |  | PART NO. D4-2-FIS                         |
|                           |  | CAGE CODE: OD2L5                                                                                                                                                         |  | SIZE: N/A                                 |
|                           |  | DO NOT SCALE THE DRAWING                                                                                                                                                 |  | REV: N/A                                  |
|                           |  |                                                                                                                                                                          |  | DWG NO. 84248                             |