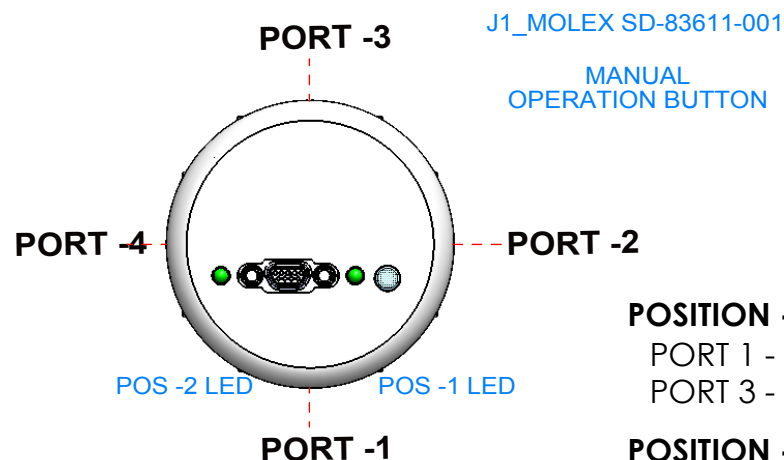


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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OPERATION:

- (1) DURING INITIAL POWER UP OR AT A POWER FAILURE ALWAYS HAVE THE EXTERNAL TTL CONTROL LOW (0 V) OR DISCONNECTED .
- (2) SWITCH WILL POWER UP IN POSITION -1 AND IN EXTERNAL CONTROL MODE .
- (3) TO SELECT SWITCH POSITION MANUALLY, PRESS MANUAL OPERATION BUTTON ON TOP OF HOUSING ONCE, SWITCH WILL MOVE TO POSITION -2 AND SWITCH WILL GLOW BLUE .
- (4) TO SELECT POSITION -1 PRESS MANUAL OPERATION BUTTON AGAIN AND SWITCH WILL MOVE TO POSITION -1 AND BE IN EXTERNAL TTL CONTROL MODE
- (5) TO USE SWITCH IN EXTERNAL TTL CONTROL, SWITCH MANUAL OPERATION BUTTON MUST BE SELECTED FOR POSITION -1 AND BLUE LIGHT OFF
- (6) DO NOT EXCEED +5.5V DC ON TTL CONTROL

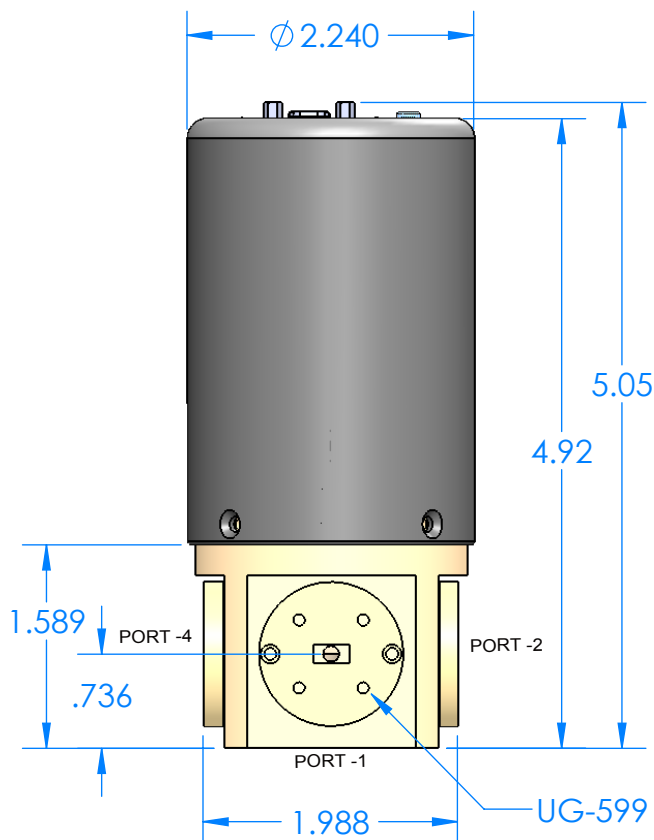


POSITION -1

PORT 1 - 2
PORT 3 - 4

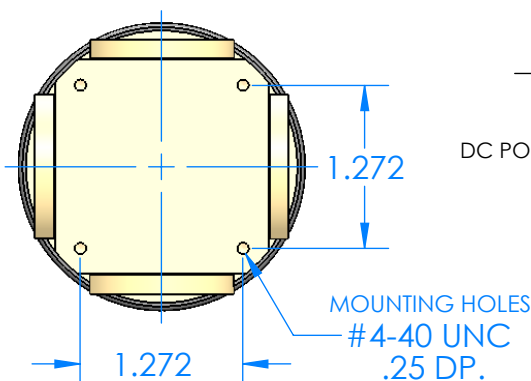
POSITION -2

PORT 1 - 4
PORT 2 - 3



ALL DIMENSION REFERENCE ONLY

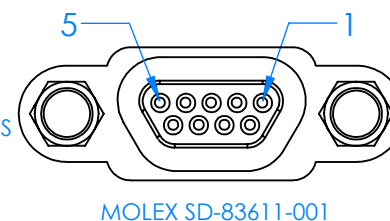
BOTTOM VIEW



SPECIFICATIONS:

FREQUENCY RANGE	INSERTION LOSS (TYP)	ISOLATION (TYP)
535A WR-28 26.5 TO 40 GHz	0.3 dB	70 dB

SWITCHING SPEED 535 V,E,W
MANUAL 0.5 Seconds
EXTERNAL 0.2 Seconds
DC POWER +12 to +15 VDC @ 150mA nominal



J1

YELLOW
ORANGE
RED
BROWN
BLACK

Pin No	Function
1	+12V
2	GND
3	TTL
4	POS-1
5	POS-2
6	-
7	-
8	-
9	-

DECIMALS: XXXX ±.0005
XXX ±.005
XX ±.01
ANGLES: ± .5 DEGREE

THIRD ANGLE
PROJECTION

DRAWN JV 2-22-17
CHECKED MS 2-22-17
ENG LS 2-22-17
MATL:

TITLE:

Millimeter Wave Products Inc.

SIZE DWG. NO.

535A-599_Two-Position Motorized Switch_SPECS_25378

REV

SCALE: -

WEIGHT:

SHEET 1 OF 1