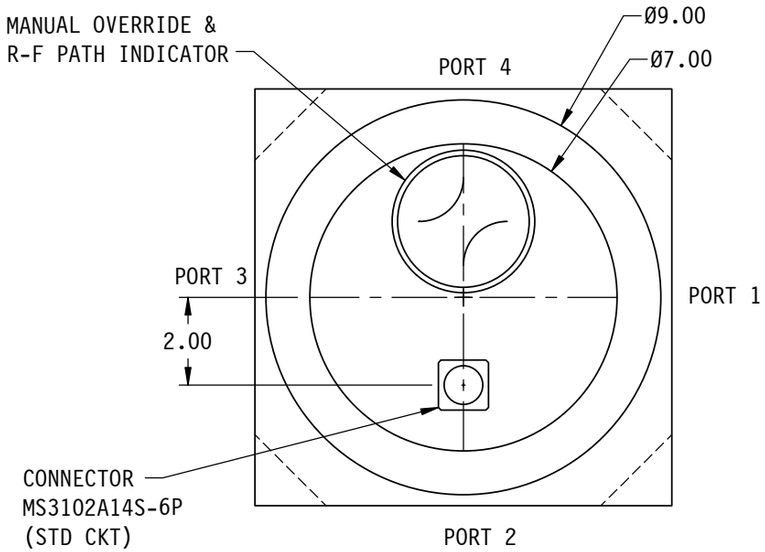
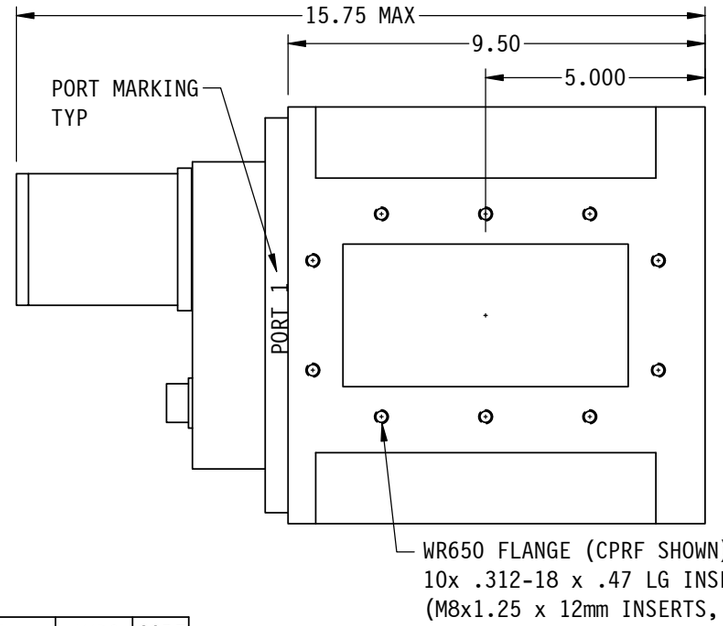
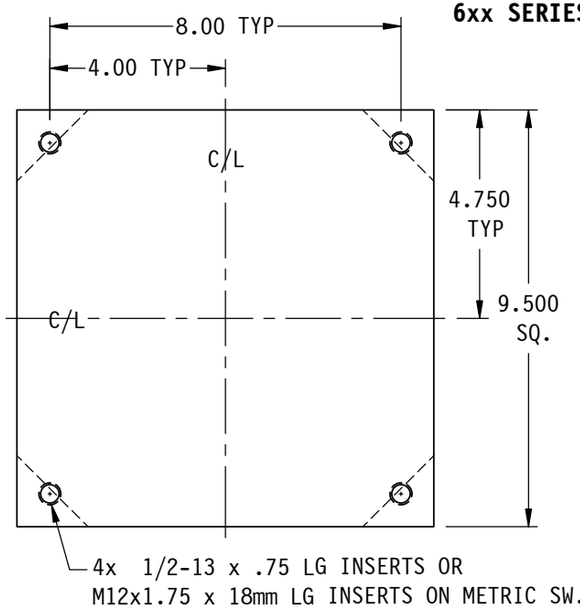
**6xx SERIES**




SPECIFICATIONS:

| | |
|---|---|
| FREQ RANGE | 1.12 TO 1.70 GHz |
| VSWR | 1.05 : 1 MAX |
| INSERTION LOSS | 0.01 db MAX |
| ISOLATION | 80 db MIN |
| SWITCHING TIME | 1.0 SEC NOM |
| PRESSURE | TO 30 PSIG (R-F HEAD) |
| MATERIAL/FINISH | ALUM ALY / SATIN BLACK ENAMEL, IRIDITE ON FLANGE FACES. |

NOTES:
1. ** MANUAL SWITCH DOES NOT INCLUDE RECEPTACLE.
2. BLUE BOXES ARE REQUIRED FIELDS.
3. !! IF OPTION IS NOT REQUIRED, LEAVE (GOLD BOX) BLANK

| *VOLTAGE* | *AMPS* | CODE |
|---|---|---|
| *+22 TO +32* | *5* | A |
| *-22 TO -32* | *5* | B |
| *+10 TO +14* | *-* | C |
| *-10 TO -14* | *-* | D |
| *+44 TO +54* | *-* | E |
| *-44 TO -54* | *-* | F |
| *117VAC* | *2* | H |
| *235VAC* | *-* | K |
| *MANUAL* ** | | M |

## *PART NUMBER SELECTION*

| CODE | *FLANGE* |
|---|---|
| F | *CPRF* |
| G | *CPRG* |

| *!! OPTION* | CODE |
|---|---|
| *SPDT* | 1 |

| CODE | *!! OPTION* |
|---|---|
| M | *METRIC THREAD* |

| | |
|---|---|
| | 6 |
| *PART NO. SERIES* | 6 |
| | CODE |

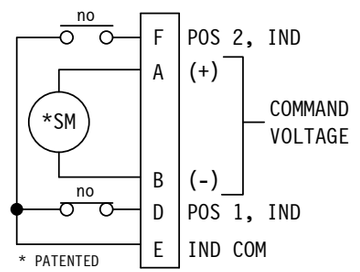
| | |
|---|---|
| *FAILSAFE* | F |
| *!! OPTION* | CODE |

*!! ELECTRICAL CIRCUIT (IF OTHER THAN STD.) SEE SCHEMATIC PAGE.*

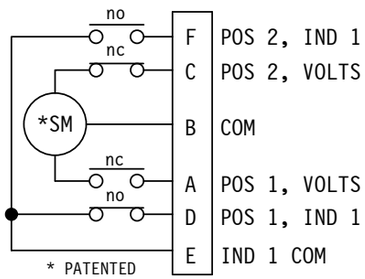
PART NO. EX.: 6AFM6A

WR650 WG SWITCH, +28VDC, CPRF FLANGE, METRIC THDS., ELECT CKT #6A.

WEB SITE: www.sectormicrowave.com

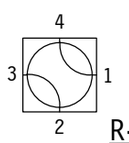



STD. FAILSAFE ELECT CKT.
Shown in De-energized Pos.
ONE FORM C

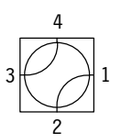



STD. ELECTRICAL CKT.
Shown in Position 1
ONE FORM C

POS 2 (LATCHING)
[or Energized]
(FAILSAFE)




POS 1 (LATCHING)
[or De-Energized]
(FAILSAFE)




R-F PATHS

| ZONE | LTR | DESCRIPTION | APV | DATE |
|---|---|---|---|---|
| | A | RELEASED. | AC | 10/8/06 |

REVISIONS

TOLERANCES:
DECIMALS
2 PLACES: +/- .03
3 PLACES: +/- .010
FRACTIONS: +/-1/64
ANGLES: +/- 1/2 deg.

| | | |
|---|---|---|
| DRAWN | A.C. | 10/8/06 |
| CHECKED | | |
| APVD | R.R. | 10/8/06 |
| APVD | | |

# SECTOR MICROWAVE IND., INC.

WR650 WAVEGUIDE SWITCH, MINI-SERIES

| SIZE | MFG CODE | | |
|---|---|---|---|
| L | 53263 | 6xx SERIES | A |
| SCALE: NONE | UNIT WT. | SHEET 1 OF 1 | REV. |