

3-xx SHELTERED SER.

**SPECIFICATIONS:**

- FREQ RANGE 5.85 TO 8.20 GHz
- VSWR 1.05 : 1 MAX
- INSERTION LOSS 0.02 db MAX
- ISOLATION 60 db MIN
- SWITCHING TIME 60 mSEC, TYP
- PRESSURE TO 30 PSIG (R-F HEAD)
- FINISH IRIDITE ON FLANGES, SATIN BLACK FINISH ON REST OF BODY

MANUAL OVERRIDE KNOB & RF PATH INDICATOR (STYLE OF KNOB & INDICATOR MAY VARY)

| VOLTAGE    | AMPS | CODE |
|------------|------|------|
| +22 TO +32 | 0.9  | A    |
| -22 TO -32 | 0.9  | B    |
| +10 TO +14 | 1.5  | C    |
| -10 TO -14 | 1.5  | D    |
| +44 TO +54 | 0.5  | E    |
| -44 TO -54 | 0.5  | F    |
| 117VAC     | 0.5  | H    |
| 235VAC     | 0.5  | K    |
| MANUAL **  |      | M    |

**PART NO. SELECTION**

| CODE | FLANGE |
|------|--------|
| F    | CPRF   |
| G    | CPRG   |
| M    | CMR    |

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

(USED IN A SHELTERED ENVIRONMENT)

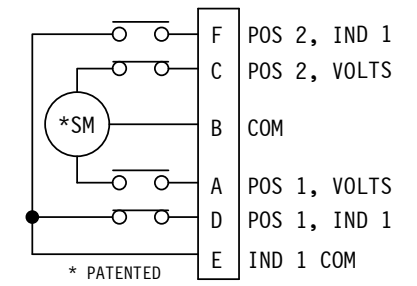
| CODE | ENVIRONMENTAL |
|------|---------------|
| W    | SHELTERED     |

FOR OTHER ELECT CKT'S SEE SCHEMATIC PAGE.

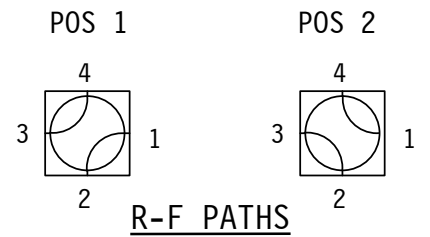
|                 |         |      |   |           |      |
|-----------------|---------|------|---|-----------|------|
| 3-              |         |      |   |           |      |
| PART NO. SERIES | 3- CODE | SPDT | 1 | !! OPTION | CODE |

**!! ELECTRICAL CIRCUIT (IF OTHER THAN STD.)**

PART NO. EX.: 3-AGW2  
 WR137 WG SWITCH, +28VDC, CPRG (GROOVED) FLANGE, SHELTERED, CKT #2



STD. ELECT. CKT. Shown in Pos. 1 ONE FORM C



**NOTES:**

- \*\* MANUAL SWITCH DOES NOT INCLUDE RECEPTACLE.
- BLUE BOXES ARE REQUIRED FIELDS.
- !! IF OPTION IS NOT REQUIRED, LEAVE (GOLD BOX) BLANK

WEB SITE: [www.sectormicrowave.com](http://www.sectormicrowave.com)

|      |     |             |     |          |                        |    |                                    |                                   |                 |                     |      |
|------|-----|-------------|-----|----------|------------------------|----|------------------------------------|-----------------------------------|-----------------|---------------------|------|
| A    |     | RELEASED    | RR  | 12/17/03 | DRAWN J TRACY 12/17/03 |    | <b>SECTOR MICROWAVE IND., INC.</b> |                                   |                 |                     |      |
| A    |     | RELEASED    | RR  | 12/17/03 | CHECKED                |    |                                    |                                   |                 |                     |      |
| ZONE | LTR | DESCRIPTION | APV | DATE     | APVD                   | RR | 12/17/03                           | WR137 SHELTERED W/G SWITCH SERIES |                 |                     |      |
|      |     | REVISIONS   |     |          | APVD                   |    |                                    | SIZE L                            | CAGE CODE 53263 | 3-xx SHELTERED SER. | A    |
|      |     |             |     |          |                        |    |                                    | SCALE: NONE                       | UNIT WT.        | SHEET 1 OF 1        | REV. |

TOLERANCES:  
 DECIMALS  
 2 PLACES: +/- .03  
 3 PLACES: +/- .010  
 FRACTIONS: +/- 1/32  
 ANGLES: +/- 1/2 deg.