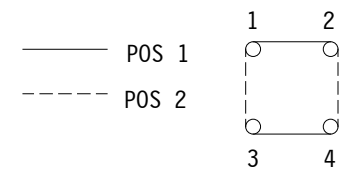


STD. ELECTRICAL CKT.
Shown in Position 1
ONE FORM C



RF PATHS

PART NO. SELECTION

| VOLTAGE | AMPS | CODE | CODE | FREQ RANGE (GHz) |
|------------|------|------|------|------------------|
| +22 TO +32 | 0.9 | A | 1 | 0-1 |
| -22 TO -32 | 0.9 | B | 2 | 0-2 |
| +10 TO +14 | 1.5 | C | 3 | 2.1-2.7 |
| -10 TO -14 | 1.5 | D | 4 | 3.7-4.2 |
| +44 TO +54 | 0.5 | E | 5 | 5.9-6.5 |
| -44 TO -54 | 0.5 | F | 6 | 7.2-7.8 |
| 117VAC | 1.2 | H | 7 | 7.9-8.5 |
| 235VAC | 0.5 | K | 11 | 10.9-11.7 |
| MANUAL ** | | M | 12 | 11.7-12.2 |
| | | | 13 | 12.2-12.7 |
| | | | 14 | 14.0-14.5 |
| | | | 15 | 10.0-15.0 |
| | | | 20 | 0.0-18.0 |

| R-F CONN | CODE |
|----------|------|
| SMA | S- |
| BNC ## | B- |
| TNC ## | T- |

OPTIONS

| CODE | !! OPTION |
|------|-----------------------------|
| 57 | 50 OHM BNC/TNC USED @75 OHM |
| 75 | 75 OHM BNC/TNC |

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

| CODE | !! OPTION |
|------|----------------|
| -9 | EXTENDED SHAFT |

SM7 [] [] [] [] [] [] [] []

| PART NO. | SM7 | CONNECTOR | C |
|----------|------|-------------------|------|
| SERIES | CODE | 6 PIN HEADER | H |
| | | RECEPTACLE CHOICE | CODE |

PART NO. EX.: SM7S-A4CM2-9
SMA COAXIAL SW., +28 VDC, FREQ RANGE 3.7 TO 4.2 GHz, CONNECTOR, METRIC THREADS, ELECT CKT #2, EXTENDED SHAFT WITH KNOB

- NOTES:
- ## BNC & TNC AVAILABLE FROM 0-2 GHz ONLY.
 - ** MANUAL SWITCH DOES NOT INCLUDE RECEPTACLE.
 - BLUE BOXES ARE REQUIRED FIELDS.
 - !! IF OPTION IS NOT REQUIRED, LEAVE (GOLD BOX) BLANK.

SPECIFICATIONS;

| FREQ RANGE (GHz) | 0-1 | 1-2 | 2-6.5 | 6.5-11 | 11-15 | 15-18 |
|-------------------|------|------|-------|--------|-------|-------|
| VSWR | 1.10 | 1.15 | 1.25 | 1.30 | 1.35 | 1.50 |
| INS. LOSS dB, MAX | 0.05 | 0.10 | 0.25 | 0.30 | 0.35 | 0.5 |
| ISOLATION dB, MIN | 80 | 70 | 60 | 60 | 50 | 50 |

- RF POWER — 50 WATTS, MAX
- RF CONTACTS — BREAK-BEFORE-MAKE CONTACTS
- SWITCHING TIME — 50 mSEC, NOM
- LIFE — 100,000 OPERATIONS
- DRIVE — LATCHING SECTOR MOTOR
- FINISH — SATIN BLACK ENAMEL

WEB SITE: www.sectormicrowave.com

| ZONE | LTR | DESCRIPTION | APV | DATE |
|------------------|-----|--|-----|---------|
| | B | CHANGED DIM FROM 3.16 MAX TO 3.28 MAX. | TN | 12/4/19 |
| | A | RELEASED. | JP | 9/4/92 |
| REVISIONS | | | | |

| TOLERANCES: | DRAWN | A.C. | 9/2/92 |
|----------------------|---------|------|--------|
| DECIMALS | CHECKED | | |
| 2 PLACES: +/- .03 | APVD | J.P. | 9/4/92 |
| 3 PLACES: +/- .010 | APVD | | |
| FRACTIONS: +/- 1/32 | | | |
| ANGLES: +/- 1/2 deg. | | | |

SECTOR MICROWAVE IND., INC.

COAX SW.; LATCHING; SMA, BNC, TNC SERIES.

| | | | | | |
|-------------|----------|----------|--------------|--------------------|---|
| SIZE | L | MFG CODE | 53263 | SM7x SERIES | B |
| SCALE: NONE | UNIT WT. | SHEET | 1 OF 1 | REV. | |