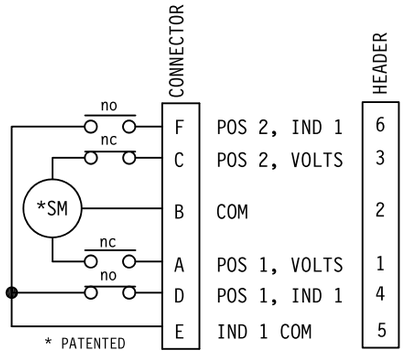
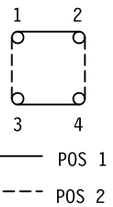
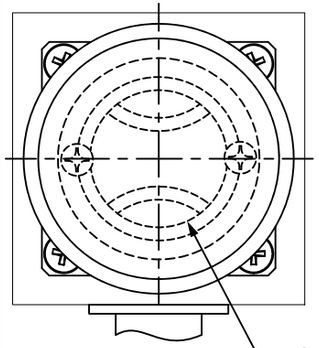
SM7x SEALED SERIES



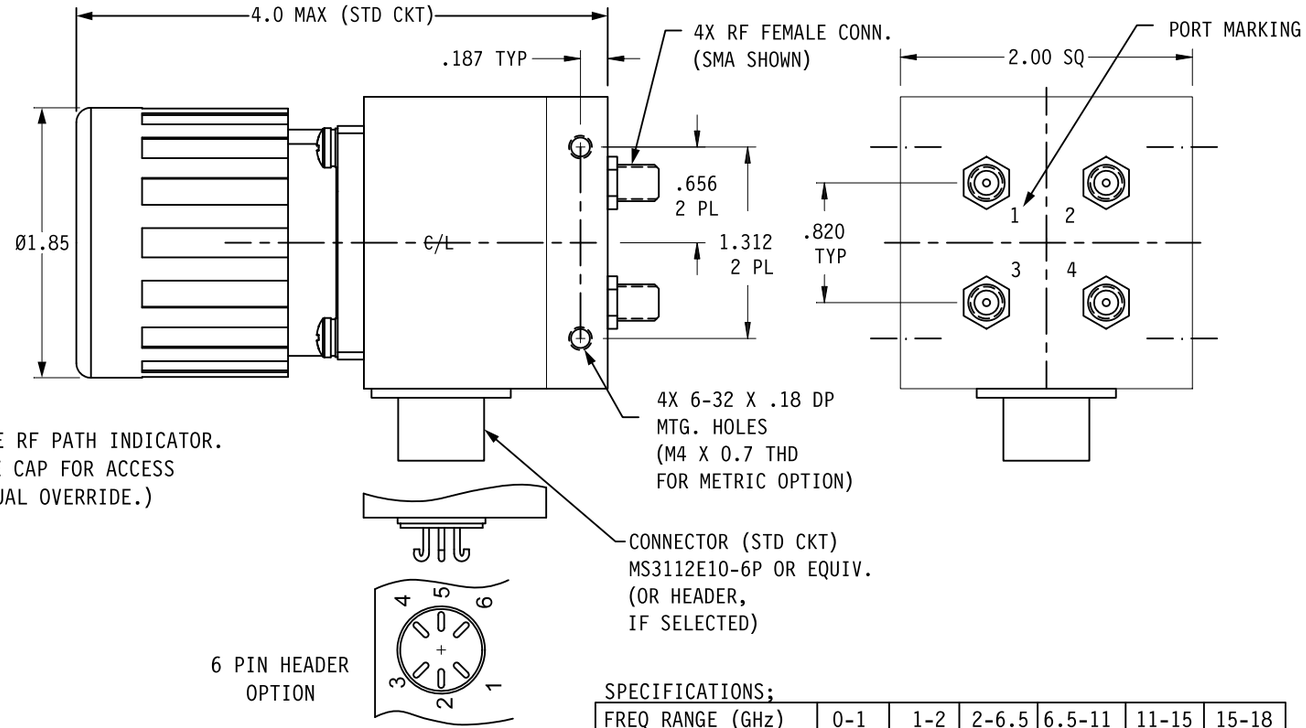
STD. ELECTRICAL CKT.
Shown in Position 1
ONE FORM C



RF PATHS



VISIBLE RF PATH INDICATOR.
(REMOVE CAP FOR ACCESS
TO MANUAL OVERRIDE.)



6 PIN HEADER
OPTION

PART NO. SELECTION

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	1.2	H
235VAC	0.5	K
MANUAL **		M

CODE	FREQ RANGE (GHz)
1	0-1
2	0-2
3	2.1-2.7
4	3.7-4.2
5	5.9-6.5
6	7.2-7.8
7	7.9-8.5
11	10.9-11.7
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

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

CODE	ENVIRONMENTAL
S	SEALED

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

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

NUMBER NOT REQ'D FOR STANDARD CIRCUIT.

PART NO.	SM7
SERIES	CODE

CONNECTOR	C
6 PIN HEADER	H
**RECEPTACLE	CODE

CODE	METRIC THREAD
M	!! OPTION

PART NO. EX.: SM7S-A4CMS2
SMA COAXIAL SW., +28 VDC, FREQ RANGE 3.7 TO 4.2 GHz,
CONNECTOR, METRIC THREADS, SEALED, ELECT. CKT #2.

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 FINISH

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

WEB SITE: www.sectormicrowave.com

ZONE	LTR	DESCRIPTION	APV	DATE
	C	REPLACED SEALED CAN WITH SEALED CAP. DELETED SS OPTION.	RR	9/17/18
	B	ADDED SS (SEALED WITH REMOVABLE SCREW) OPTION CODE.	RR	3/15/13
	A	RELEASED.	RR	10/4/06

REVISIONS

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

DRAWN	A.C.	10/4/06
CHECKED		
APVD	R.R.	10/4/06
APVD		

SECTOR MICROWAVE IND., INC.

COAX SW.: SMA, BNC, TNC SEALED SERIES

SIZE	CAGE CODE		REV.
L	53263	SM7x SEALED SERIES	C
SCALE: NONE	UNIT WT.	SHEET 1 OF 1	