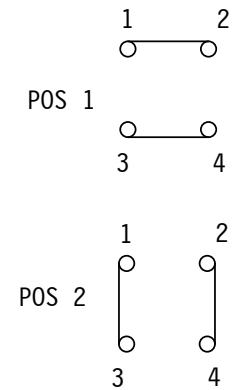
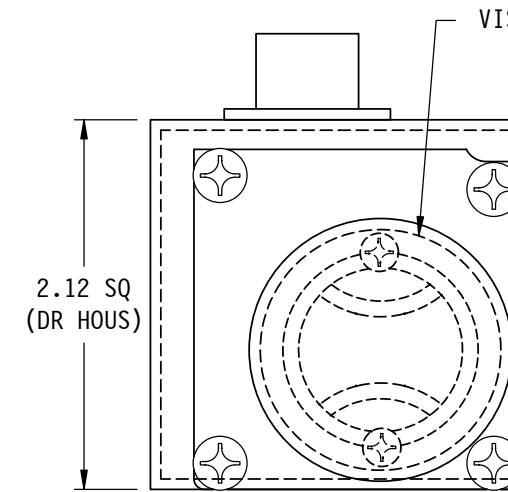
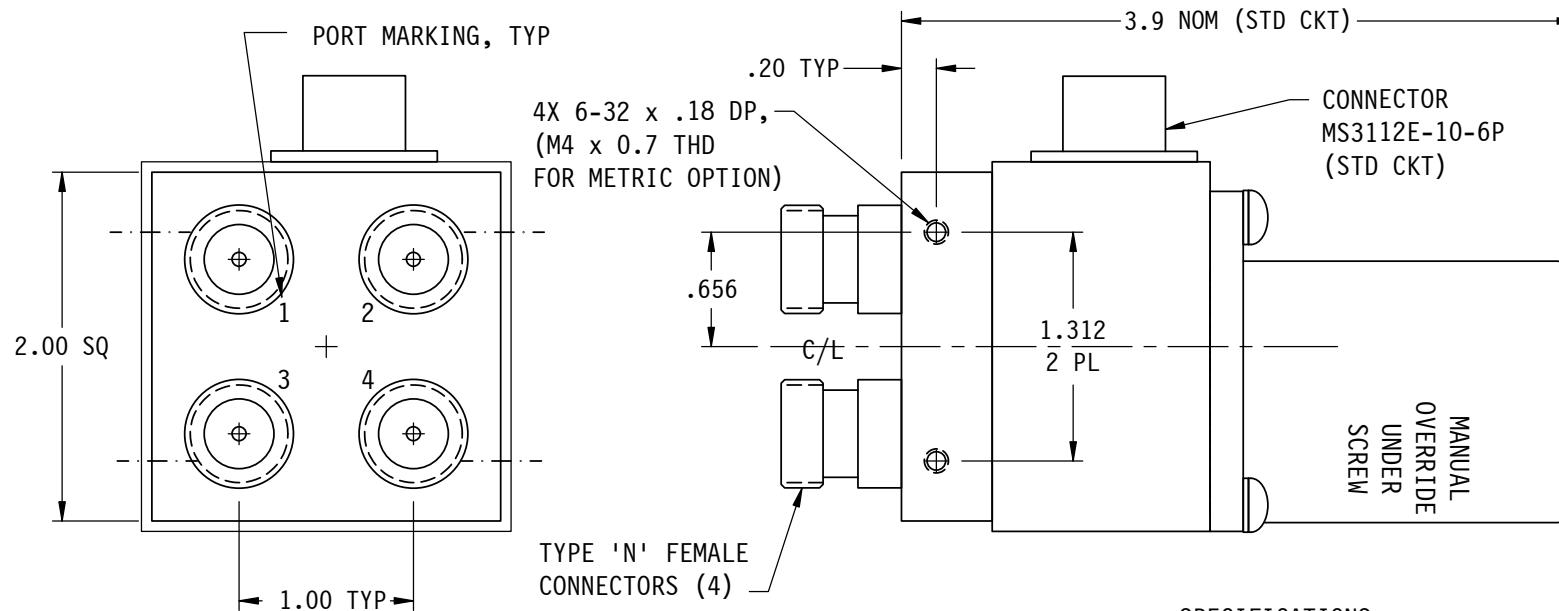
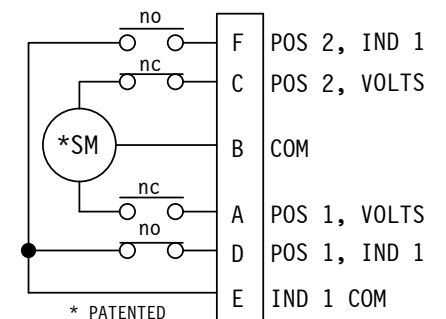


## SM7N-xxS SERIES



## R-F PATHS







STD. ELECTRICAL CKT.

Shown in Position 1  
ONE FORM C

PART NO. SELECTION

<i>VOLTAGE</i>	<i>AMPS</i>	<i>CODE</i>	<i>CODE</i>	<i>FREQ RANGE</i>	(GHz)
<i>+22 TO +32</i>	<i>0.9</i>	<i>A</i>	<i>1</i>	<i>0-1</i>	
<i>-22 TO -32</i>	<i>0.9</i>	<i>B</i>	<i>2</i>	<i>0-2.5</i>	
<i>+10 TO +14</i>	<i>1.5</i>	<i>C</i>	<i>3</i>	<i>2.0-3.0</i>	
<i>-10 TO -14</i>	<i>1.5</i>	<i>D</i>	<i>4</i>	<i>3.7-4.2</i>	
<i>+44 TO +54</i>	<i>0.5</i>	<i>E</i>	<i>5</i>	<i>5.9-6.5</i>	
<i>-44 TO -54</i>	<i>0.5</i>	<i>F</i>	<i>6</i>	<i>7.2-7.8</i>	
<i>117VAC</i>	<i>1.2</i>	<i>H</i>	<i>7</i>	<i>7.9-8.4</i>	
<i>235VAC</i>	<i>0.5</i>	<i>K</i>	<i>5B</i>	<i>0-6.5</i>	
<i>MANUAL **</i>		<i>M</i>			

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

	<b>SM7N-</b>				<b>S</b>	
<i>PART NO.</i>	SM7N-	<i>METRIC THREAD</i>	M		S	<i>SEALED</i>
<i>SERIES</i>	CODE	<i>!! OPTION</i>	CODE		CODE	<i>ENVIRONMENTAL</i>

PART NO. EX.: SM7N-A4MS2

TYPE 'N' COAXIAL SW., +28 VDC, FREQ RANGE  
3.7 TO 4.2 GHz, METRIC THREADS, SEALED, CKT #2.

## SPECIFICATIONS

FREQ RANGE (GHz)	0 - 1	1 - 2	2-6.5	6.5-8.4
VSWR	1.1	1.15	1.25	1.30
INS. LOSS db MAX	0.05	0.10	0.25	0.30
ISOLATION db MIN	80	70	60	60
R-F POWER	100 WATTS, MAX			
R-F CONTACTS	BREAK-BEFORE-MAKE CONTACTS.			
LIFE	100,000 OPERATIONS.			
SWITCHING TIME	50 mSEC, NOM			
DRIVE	LATCHING, SECTOR MOTOR.			
MARKING	PORTS NUMBERED AS SHOWN ABOVE			
FINISH	SATIN BLACK ENAMEL.			

NOTES:

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

					TOLERANCES: DECIMALS 2 PLACES: +/- .03 3 PLACES: +/- .010 FRACTIONS: +/- 1/32 ANGLES: +/- 1/2 deg.	DRAWN	AC	10/5/06	SECTOR MICROWAVE IND., INC.					
	A	RELEASED.	RR	10/5/06		CHECKED							SM7N SEALED SERIES	
ZONE	LTR	DESCRIPTION	APV	DATE		APVD	RR	10/5/06	SIZE <b>L</b>	CAGE CODE <b>53263</b>	<b>SM7N-xxS SERIES</b>			
REVISIONS						APVD			SCALE: NONE		UNIT WT.	SHEET 1 OF 1		REV.