

**SPECIFICATIONS:**  
 FREQ RANGE (GHz) — 10.0 TO 15.0  
 VSWR (MAX) — 1.08 : 1 (1.05:1 TYP)  
 INS. LOSS (MAX) — 0.05 dB  
 ISOLATION (MIN) — 60 dB  
 SWITCHING TIME — 50mSec, TYP  
 LIFE — 100,000 CYCLES, MIN  
 VOLTAGE — SEE P/N SELECTION  
 PRESSURE — TO 30 PSIG  
 FINISH — CHEM FILM ON FLANGES, SATIN BLACK FINISH ON REST OF BODY.

**NOTES:**  
 1. \*\* MANUAL SWITCH DOES NOT INCLUDE RECEPTACLE.  
 2. BLUE BOXES ARE REQUIRED FIELDS.  
 3. !! IF OPTION IS NOT REQUIRED, LEAVE (GOLD BOX) BLANK  
 4. ## SINGLE POLE DOUBLE THROW (SPDT) OPTION ADDS A SHORTING PLATE ON PORT 4.

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
P	PLAIN
C	CHOKE
O	O-RING
F	CPRF
G	CPRG

CODE	!! OPTION
M	METRIC THREAD

(USED IN A SHELTERED ENVIRONMENT)

CODE	ENVIRONMENTAL
W	SHELTERED

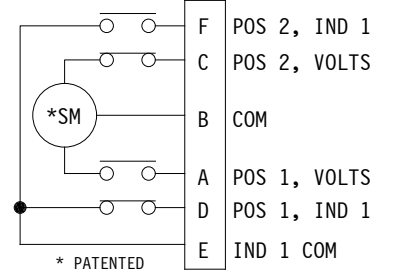
FOR OTHER ELECT CKT's SEE SCHEMATIC PAGE.

75-							
PART NO. SERIES	75-CODE	SPDT ##	1	!! ELECTRICAL CIRCUIT (IF OTHER THAN STD.)			
		!! OPTION	CODE				

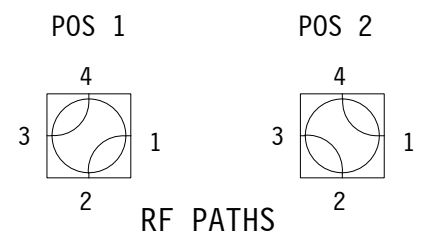
PART NO. EX.: 75-APW2  
 WR75 WG SWITCH, +28VDC, PLAIN FLANGE, SHELTERED, CKT #2

NUMBER NOT REQ'D FOR STANDARD CIRCUIT.

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



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



ZONE	LTR	DESCRIPTION	APV	DATE
	B	REPLACED SEALED COVER CAN WITH SEALED CAP.	TN	10/8/18
	A	ADDED NOTE 4	TN	11/30/09
	-	RELEASED.	TN	12/9/03
		<b>REVISIONS</b>		

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

DRAWN	A.C.	12/9/03
CHECKED		
APVD	T.N.	12/9/03
APVD		

**SECTOR MICROWAVE IND., INC.**

WR75 SHELTERED W/G SWITCH SERIES			
SIZE	L	CAGE CODE	53263
75-xx SHELTERED SER.			B
SCALE: NONE	UNIT WT.	SHEET 1 OF 1	REV.