

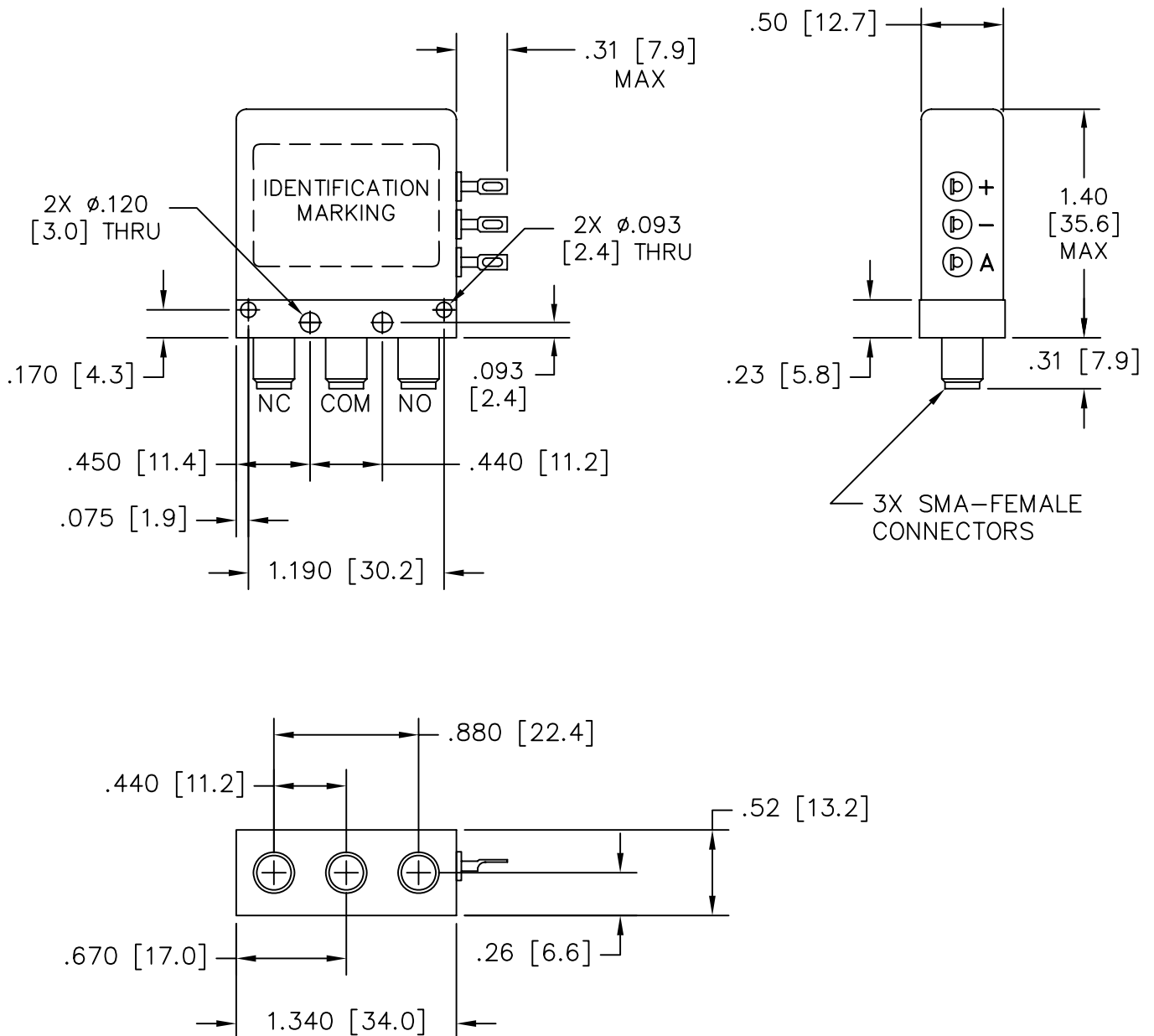
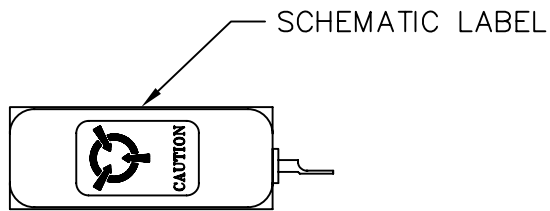


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	9/5/01	M.R.
B	REVISED PER ECO #8532	8/31/06	A.L.

Nominal Coil Voltage	Part Number
12 Vdc	403T-220802A
15 Vdc	403T-290802A
20 Vdc	403T-270802A
24 Vdc	403T-280802A
28 Vdc	403T-230802A

REVISIONS	B	B	B				 DowKey[®] Microwave CORPORATION	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3					
APPROVALS		DATE					 SWITCH, SPDT, FAILSAFE, SMA-FEMALE CONNECTORS, TTL-HI CONTROL, -55°C TO +85°C	
DRAWN	S. LEE	8/22/01						
ENG	S. LEE	8/22/01						
ENG. MGR.	R. SZNUK	8/22/01						
SALES MGR.	J. TRUJILLO	9/5/01						
Q.A. MGR.	S. EVERETT	8/29/01						
MFG. MGR.	M. MARTINEZ	8/29/01					CODE IDENT. NO. 00471	DWG. NO. 403T-2X0802A
SCALE		NONE		FINAL ASSY:			SHEET 1 OF 3	

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3' .XX ±.030	CODE IDENT. NO. 00471	DWG. NO. 403T-2X0802A	REV. B
	SCALE NONE	SHEET 2 OF 3	

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1 FREQUENCY (GHz):	DC-1	1-4	4-8	8-12	12-18
1.2 VSWR (RATIO MAX):	1.10:1	1.15:1	1.20:1	1.30:1	1.35:1
1.3 INSERTION LOSS (dB MAX):	0.10	0.15	0.20	0.30	0.35
1.4 ISOLATION (dB MIN):	85	80	70	65	60
1.5 RF POWER (WATTS CW MAX):	100	50	35	25	10

2. ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25°C
	12	11-14	185mA
	15	13-17	160mA
	20	17-23	140mA
	24	20-28	120mA
	28	24-32	90mA

2.2 SWITCHING TIME:	15ms MAX
2.3 OPERATING MODE:	FAILSAFE, TTL-HI CONTROL

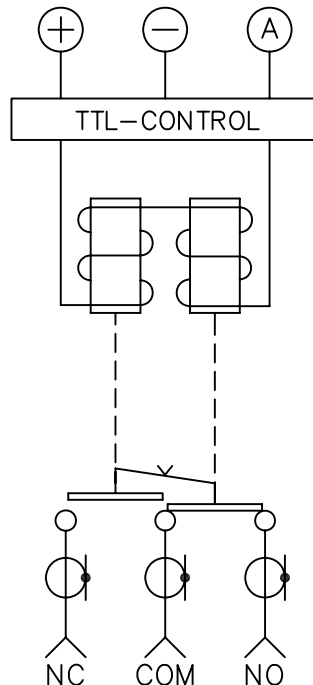
3. MECHANICAL:

3.1 RF CONTACTS:	BREAK BEFORE MAKE
3.2 WEIGHT:	1.5oz. (43g.) NOMINAL
3.3 DESIGN LIFE:	1,000,000 CYCLES MIN

4. ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE:	-55°C TO +85°C
4.2 STORAGE TEMPERATURE:	-55°C TO +85°C
4.3 SEAL:	EPOXY SEALED

SCHEMATIC:



LOGIC TRUTH TABLE	
RF PATH	LOGIC INPUT "A"
NC-COM	0
NO-COM	1

"0" = 0.0V-0.8V
 "1" = 2.4V-5.5V

SHOWN IN THE DE-ENERGIZED
 FAILSAFE POSITION

CODE IDENT. NO. 00471	DWG. NO. 403T-2X0802A	REV. B
SCALE NONE	SHEET 3 OF 3	