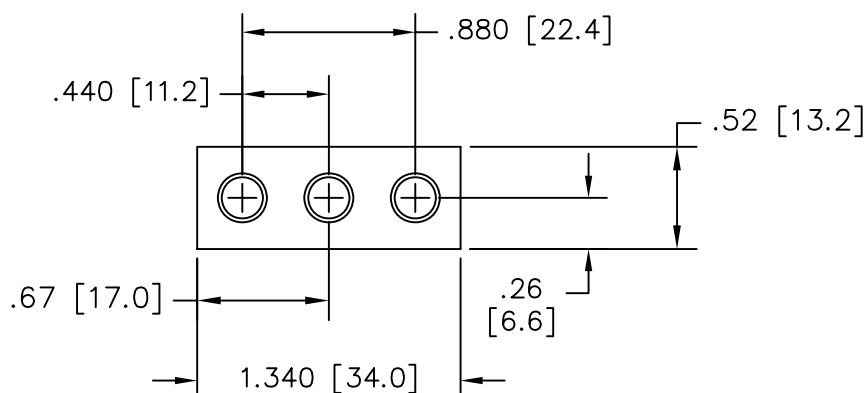
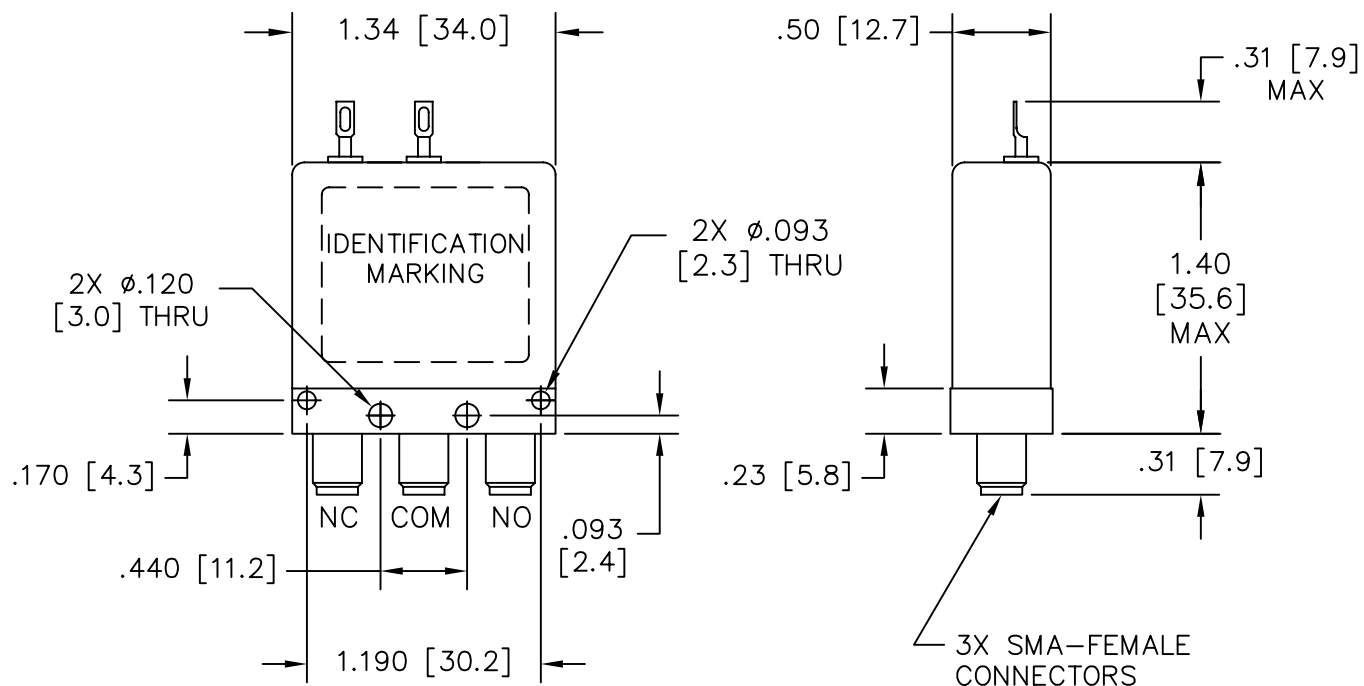
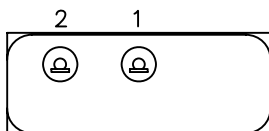


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	5/17/06	J.S.
B	REVISED PER ECO #9297	5/8/08	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401U-2208
24 Vdc	401U-2808
28 Vdc	401U-2308

REVISIONS	B	B	B				 DowKey® Microwave CORPORATION A TOWER TECHNOLOGIES COMPANY	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734	
SHEET NO.	1	2	3						
APPROVALS	DATE								
DRAWN	S. LEE						5/17/06	SWITCH, SPDT, FAILSAFE SMA-FEMALE CONNECTORS 5 MILLION CYCLES	
ENG	G. NICKLAUS						5/17/06		
ENG. MGR.	R. SZNUK						5/17/06		
SALES MGR.	J. TRUJILLO						5/17/06		
Q.A. MGR.	S. LYNCH						5/17/06		
MFG. MGR.	R. GONZALEZ						5/17/06	CODE IDENT. NO. 00471	DWG. NO. 401U-2X08
SCALE NONE							FINAL ASSY:	SHEET 1 OF 3	

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE
SPECIFIED TOLERANCES
ARE:
.XXX $\pm$.010 ANGLES: $\pm$ 3°
.XX $\pm$.030

CODE IDENT. NO.
00471

DWG. NO.
401U-2X08

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):	200	125	90	75	60

2. ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (MAX) @ NOMINAL VOLTAGE & 25°C
	12	11-15	220mA
	24	20-28	140mA
	28	24-32	120mA

2.2 SWITCHING TIME: 15ms MAX

2.3 OPERATING MODE: FAILSAFE

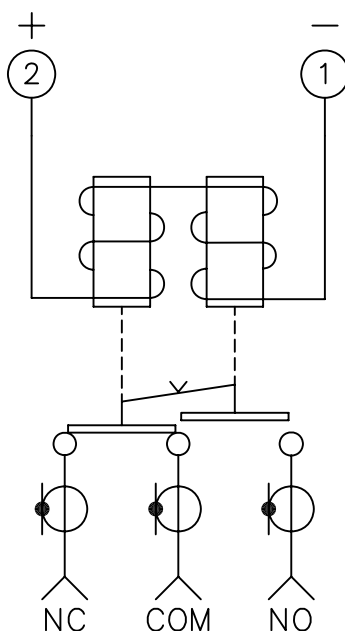
3. MECHANICAL:

3.1 RF CONTACTS:	BREAK BEFORE MAKE
3.2 WEIGHT:	1.4oz. (40g.) NOMINAL
3.3 DESIGN LIFE:	5,000,000 CYCLES MIN

4. ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE:	-25°C TO +65°C
4.2 STORAGE TEMPERATURE:	-55°C TO +85°C
4.3 SEAL:	EPOXY SEALED

SCHEMATIC:



CODE IDENT. NO. 00471	DWG. NO. 401U-2X08	REV. B
SCALE NONE	SHEET 3 OF 3	