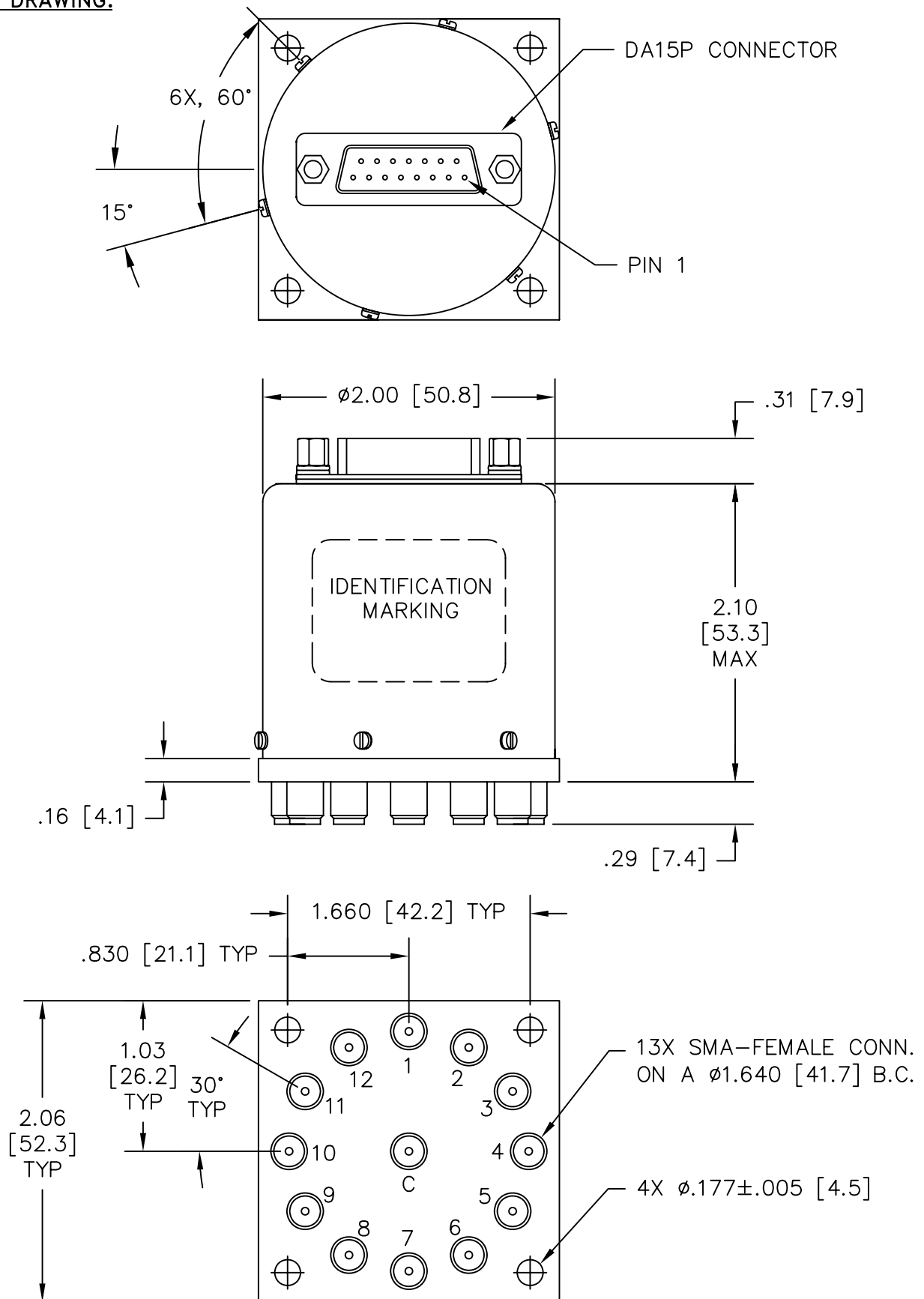


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	REVISED PER ECO #5502	12/10/98	J.A.
D	REVISED PER ECO #9027	6/19/07	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	5C1J-5208
15 Vdc	5C1J-5908
24 Vdc	5C1J-5808
28 Vdc	5C1J-5308

REVISIONS	D	D	D				 DowKey® Microwave CORPORATION A DOVER 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			6/13/07			SWITCH, SP12T NORMALLY OPEN SMA FEMALE CONNECTORS, 15 PIN D-CONNECTOR	
ENG	G. NICKLAUS			6/13/07				
ENG. MGR.	R. SZNUK			6/18/07				
SALES MGR.	A. CHEUNG			6/19/07				
Q.A. MGR.	S. LYNCH			6/18/07				
MFG. MGR.	R. GONZALEZ			6/18/07			CODE IDENT. NO. 00471	DWG. NO. 5C1J-5X08
SCALE				NONE		FINAL ASSY:		SHEET 1 OF 3

OUTLINE DRAWING:



[] MILLIMETERS

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

CODE IDENT. NO.
00471

DWG. NO.
5C1J-5X08

REV.
D

SCALE NONE

SHEET 2 OF 3

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1	FREQUENCY (GHz):	DC-4	4-8	8-12.4	12.4-18
1.2	VSWR (RATIO MAX):	1.20:1	1.40:1	1.50:1	1.80:1
1.3	INSERTION LOSS (dB MAX):	0.20	0.40	0.60	0.80
1.4	ISOLATION (dB MIN):	70	65	60	60
1.5	RF POWER (WATTS CW MAX):	100	70	60	45

2. ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (TYP) @ NOMINAL VOLTAGE & 25°C
	12	11-14	285mA
	15	13-17	230mA
	24	20-28	140mA
	28	24-32	125mA

2.2	SWITCHING TIME:	15ms MAX
2.3	OPERATING MODE:	NORMALLY OPEN

3. MECHANICAL:

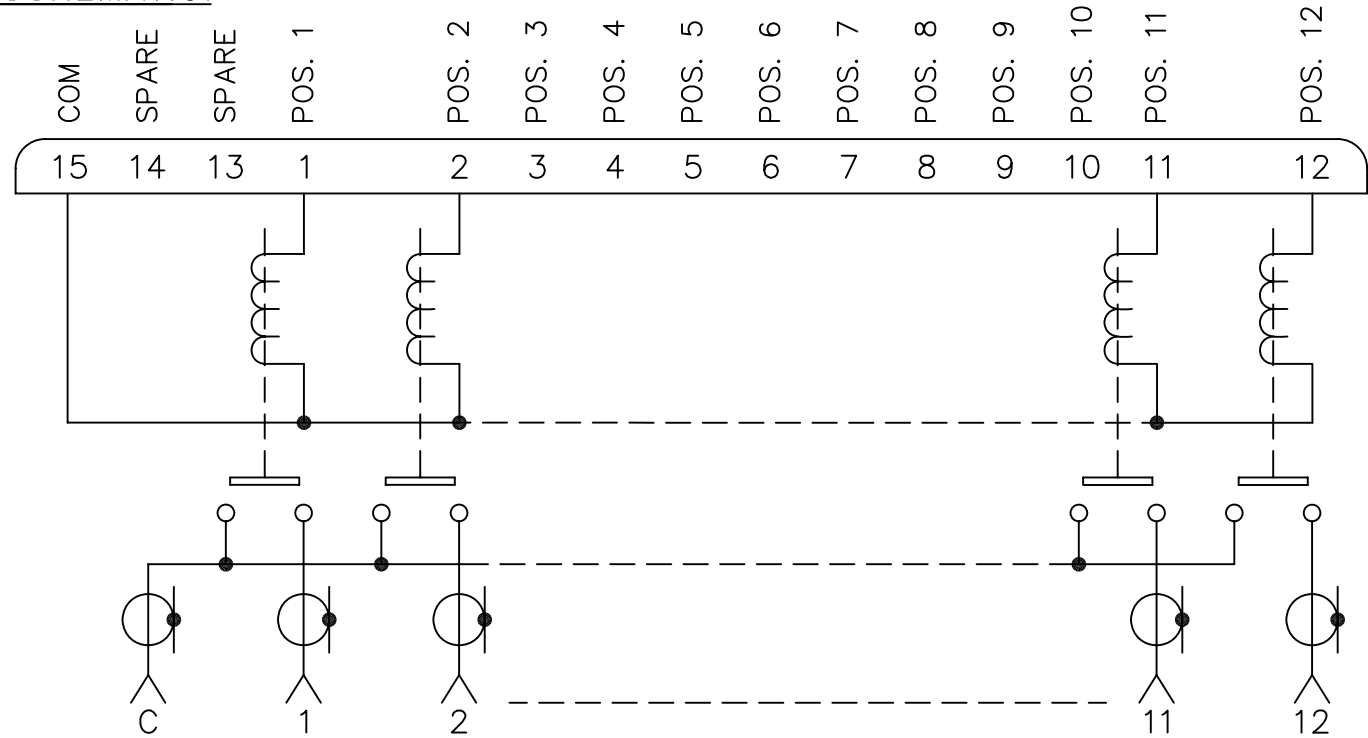
3.1	RF CONTACTS:	BREAK BEFORE MAKE
3.2	WEIGHT:	7.0oz. (198g.) NOMINAL
3.3	DESIGN LIFE:	1,000,000 CYCLES MIN

4. ENVIRONMENTAL:

4.1	OPERATING TEMPERATURE:	-25°C TO +65°C
4.2	STORAGE TEMPERATURE:	-55°C TO +85°C
4.3	SEAL:	SAND AND DUST

SCHEMATIC:

TERMINALS ARE NOT POLARITY SENSITIVE



SCHEMATIC SHOWN WITH SWITCH IN NORMALLY POSITION

CODE IDENT. NO. 00471	DWG. NO. 5C1J-5X08	REV. D
SCALE NONE	SHEET 3 OF 3	