


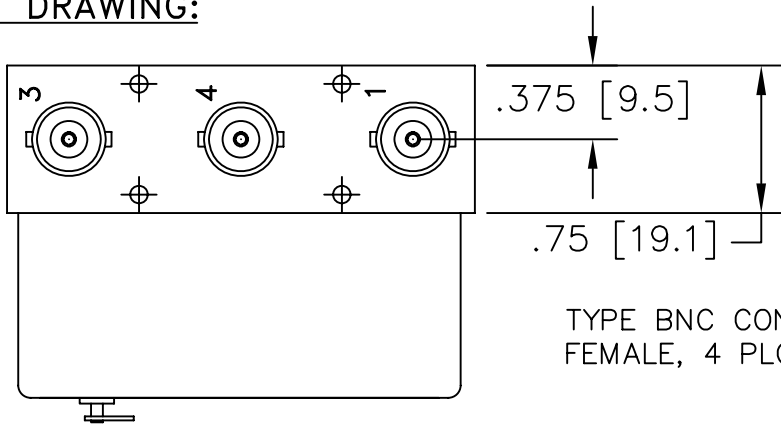
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/8/96	D.L.
B	REVISED PER ECO #3851	4/25/96	D.L.

Nominal Coil Voltage	Part Number
28 Vdc	64-6302-1

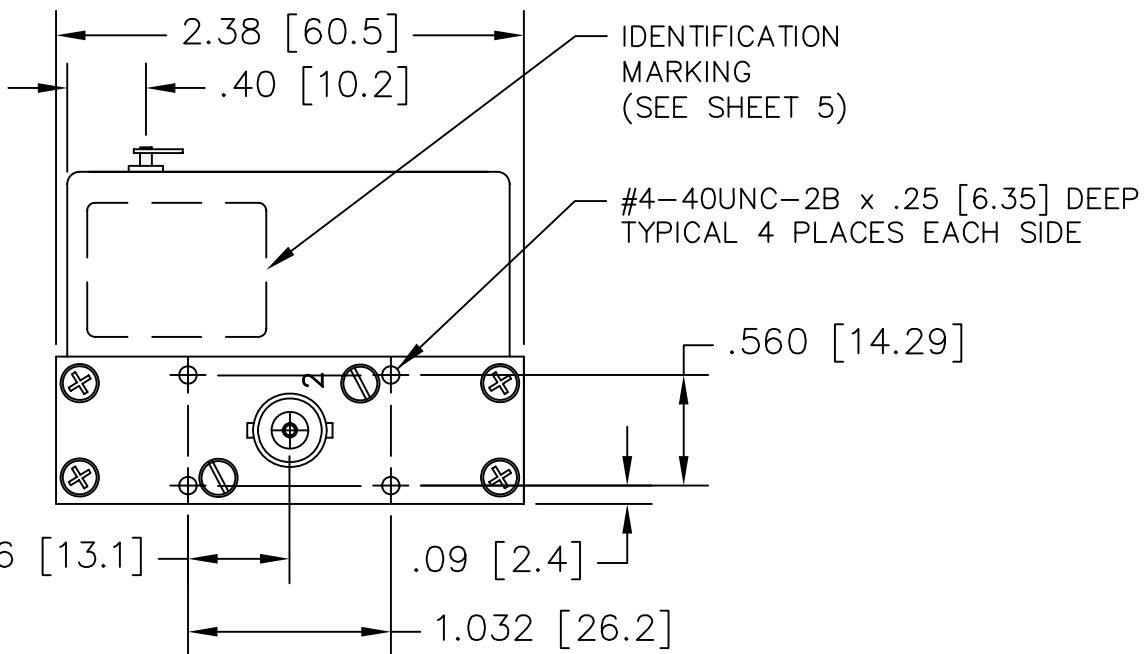
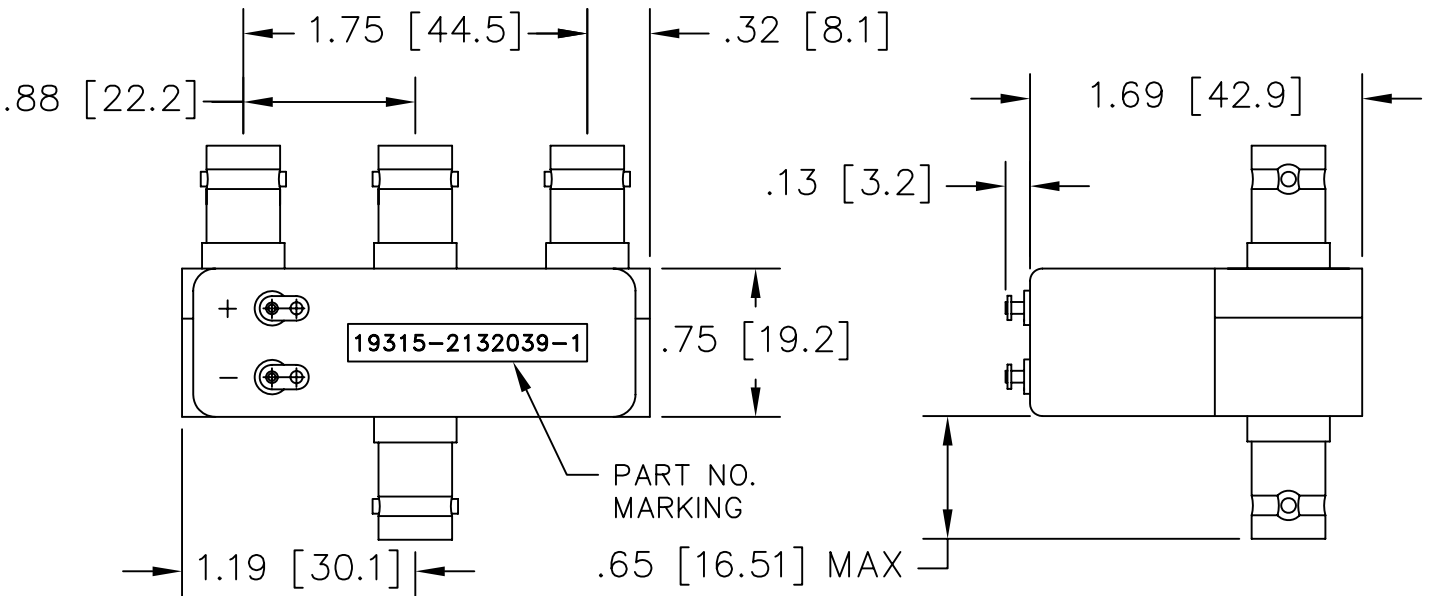
CUSTOMER: ALLIED SIGNAL
 CUSTOMER SPEC: 2132039
 SPEC REV: K
 REV DATE: 951121

REVISIONS	B	B	A	A	B	 DowKey[®] Microwave CORPORATION	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3	4	5		
APPROVALS			DATE			A DOWKEY TECHNOLOGIES COMPANY SWITCH, TRANSFER, FAILSAFE BNC-FEMALE CONNECTORS	
DRAWN	D. SAENZ		1/5/96				
ENG	D. SAENZ		2/5/96				
ENG. MGR.	V. HARTER		2/8/96				
SALES MGR.	J. WILLIAMS		2/6/96				
Q.A. MGR.							
MFG. MGR.	T. OGASAWARA		2/8/96			CODE IDENT. NO. 00471	DWG. NO. 64-6302-1
SCALE			NONE			FINAL ASSY:	SHEET 1 OF 5

OUTLINE DRAWING:



TYPE BNC CONNECTORS
FEMALE, 4 PLCS



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: .XXX ±.010 ANGLES: ±3' .XX ±.030	CODE IDENT. NO.	DWG. NO.	REV.
	00471	64-6302-1	B
SCALE NONE	SHEET 2 OF 5		

SPECIFICATIONS:

1. RF CHARACTERISTICS:

1.1 FREQUENCY (GHz):	DC-.03	.03-.10	.10-.20	.20-.40	.40-.70	.70-1.0	1.0-1.5	1.5-2.0
1.2 VSWR (RATIO MAX):	1.05:1	1.06:1	1.10:1	1.15:1	1.20:1	1.25:1	1.35:1	1.50:1
1.3 INSERTION LOSS (dB MAX):	.08	.08	.08	.08	.08	.08	.15	.15
1.4 ISOLATION (dB MIN):	45	43	36	30	25	22	19	16
1.5 RF POWER HANDLING:	100W CW, 3KW PEAK							

2. ACTUATION DATA:

2.1 OPERATING VOLTAGE:	20-32Vdc (28Vdc NOMINAL)
2.2 OPERATING CURRENT:	108mA TYP @ 28Vdc & 20°C
2.3 SWITCHING TIME:	35mS MAX
2.4 OPERATING MODE:	FAILSAFE

3. MECHANICAL:

3.1 CONTACT ARRANGEMENT:	TRANSFER
3.2 RF CONTACTS:	BREAK BEFORE MAKE
3.3 WEIGHT:	8oz. (198g.) MAX
3.4 DESIGN LIFE:	1,000,000 CYCLES MIN

4. ENVIRONMENTAL:

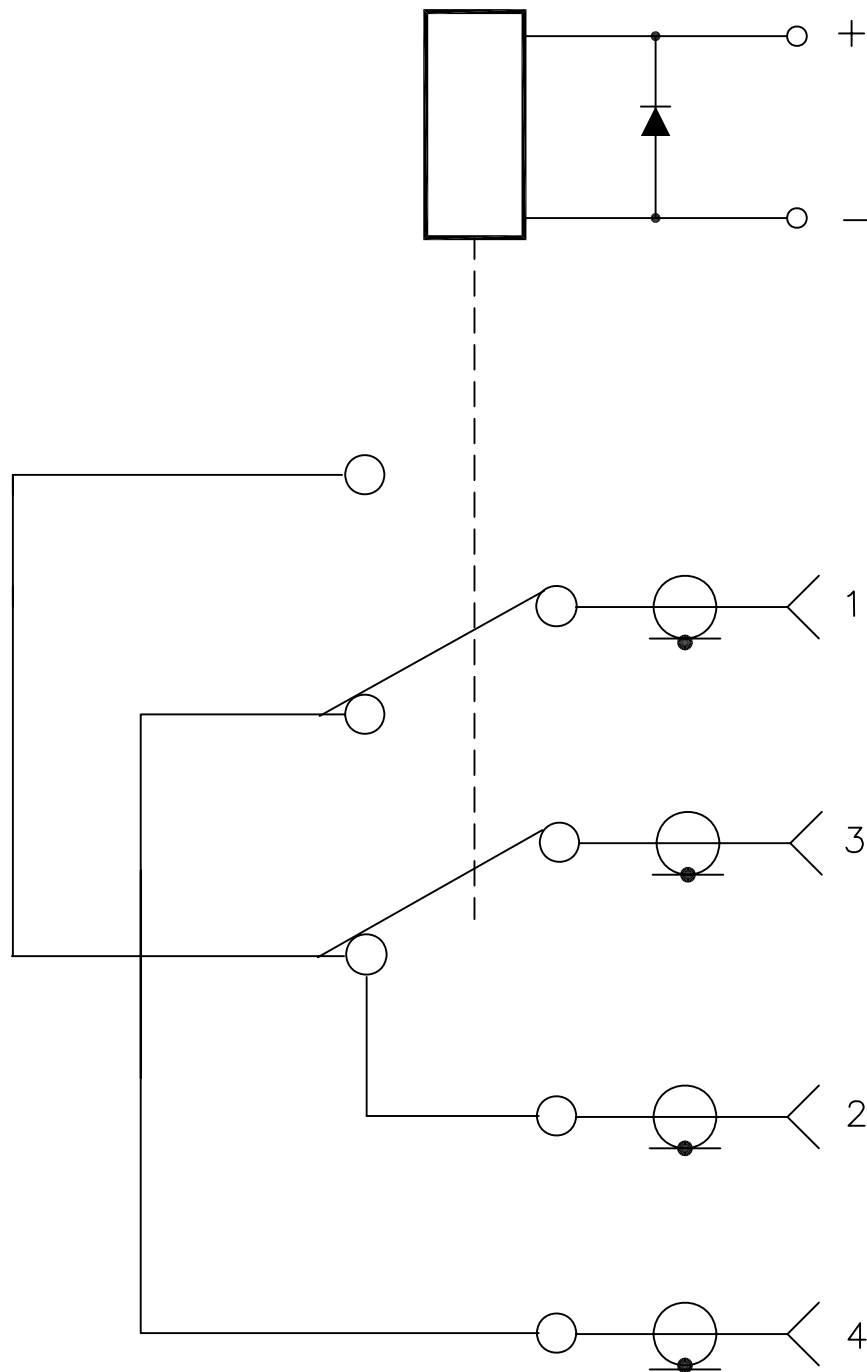
4.1 OPERATING TEMPERATURE:	0°C TO +71°C
4.2 STORAGE TEMPERATURE:	-62°C TO +85°C
4.3 VIBRATION:	MIL-STD-202, METHOD 204, CONDITION A
4.4 SHOCK:	MIL-STD-202, METHOD 213, CONDITION K

5. MATERIALS AND FINISHES:

5.1 RF CAVITY:	ALUMINUM, CHEMICAL CONVERSION COAT
5.2 ENCLOSURE:	ALUMINUM, CHEMICAL CONVERSION COAT
5.3 RF CONNECTOR SHELLS:	ALUMINUM, ELECTROLESS NICKEL COAT

CODE IDENT. NO.	DWG. NO.	REV.
00471	64-6302-1	A
SCALE NONE		SHEET 3 OF 5

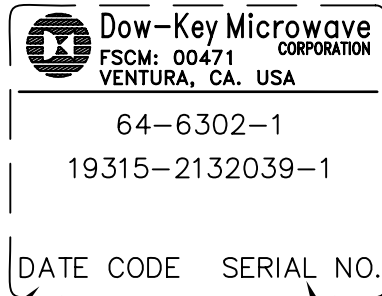
SCHEMATIC:



SHOWN IN DE-ENERGIZED POSITION

CODE IDENT. NO. 00471	DWG. NO. 64-6302-1	REV. A
SCALE NONE		SHEET 4 OF 5

IDENTIFICATION MARKING:



XXYY

XX - YEAR
YY - MFG WEEK

3 DIGITS OR GREATER

NOTE: ALL WORDS, LETTERS, NUMBERS AND SYMBOLS
SHALL BE LOCATED APPROXIMATELY AS SHOWN.

CODE IDENT. NO. 00471	DWG. NO. 64-6302-1	REV. B
SCALE NONE		SHEET 5 OF 5