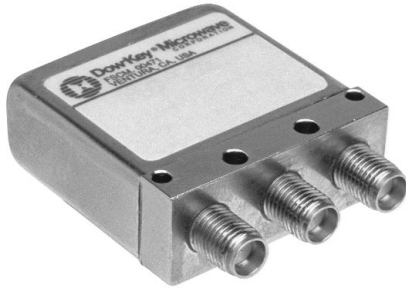




C Commercial	M Military	A Avionics	S Space
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RF Characteristics



Frequency GHz	VSWR (max)	Isolation dB (min)	Ins. Loss dB (max)
0-1	1.10	85	0.10
1-4	1.15	80	0.15
4-8	1.20	70	0.20
8-12	1.30	65	0.30
12-18	1.35	60	0.35
*18-26.5	1.50	55	0.50

* "K" option only. Ex: 401K-3208

Note: Typical performance dependent on selected options

401 Series SPDT Latching, SMA

Specifications

Operating Voltage:

(across temperature range)
12 Vdc (11-14 Vdc)
28 Vdc (24-32 Vdc)

Coil Current (max @ nom.Vdc & 20°C):

12 Vdc 230 mA
28 Vdc 120 mA

Switching Time:

15 mS maximum

Operating Temperature:

-25°C to +65°C (Standard)
-55°C to +85°C (Extended "T" Option)

Mechanical Life, Cycles:

1,000,000 minimum

Vibration, Operating:

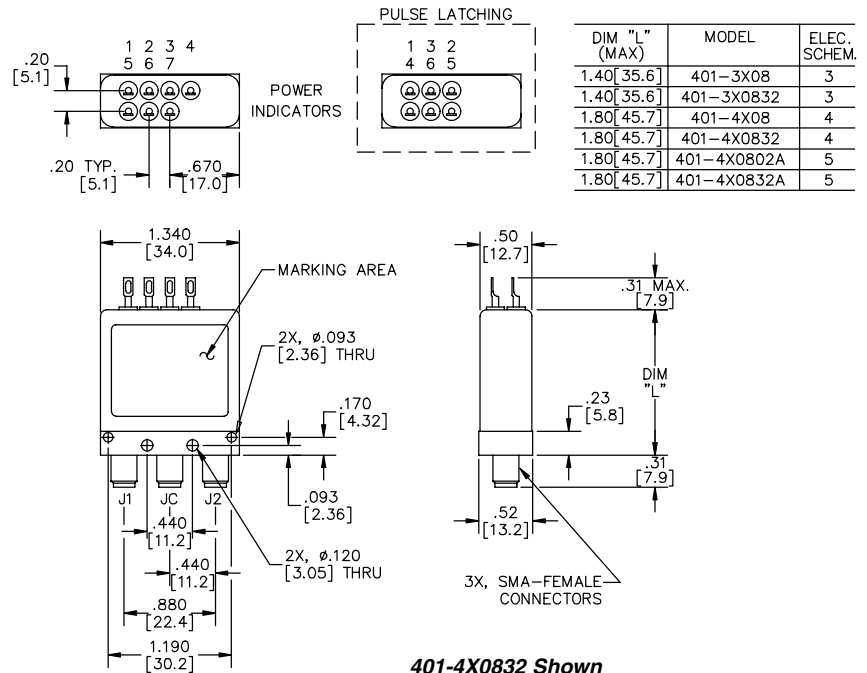
10G RMS, 20-2000 Hz

Mechanical Shock, Non-Operating:

50G, 1/2 Sine, 11mS

Nominal Weight:

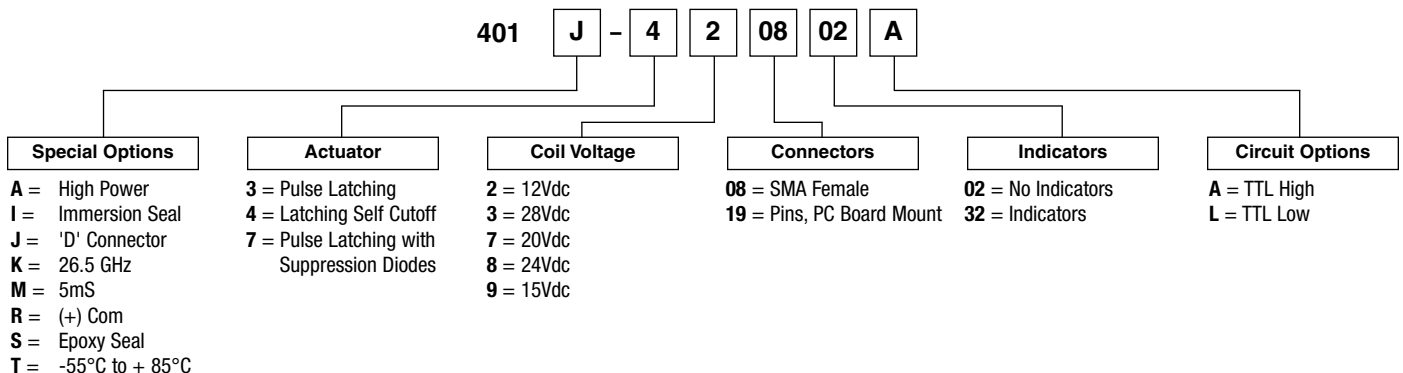
2.5 oz., (71g.)



401-4X0832 Shown

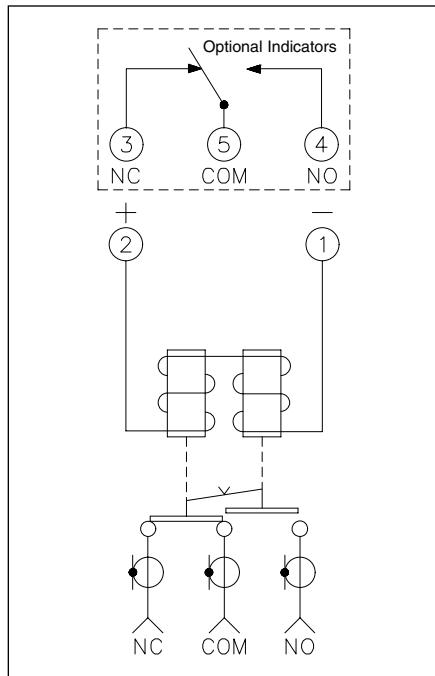
Part Number Selection

For Electrical Schematic
see page # 1-5

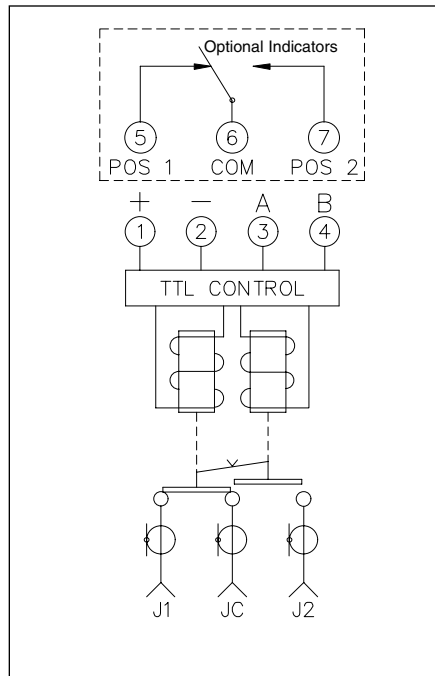




1 401/403 Failsafe



2 401/403 Failsafe TTL



LOGIC TRUTH TABLE

FAILSAFE TTL - SCH #2

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

"0" = 0.0V-0.8V

"1" = 2.4V-5.5V

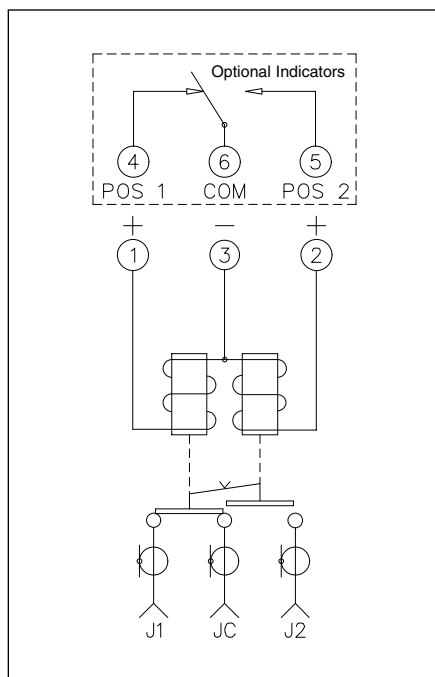
SELF CUTOFF TTL - SCH #5

LOGIC TRUTH TABLE			
RF PATH	INDICATOR PATH	LOGIC INPUT "A"	LOGIC INPUT "B"
JC-J1	COM-1	1	0
JC-J2	COM-2	0	1

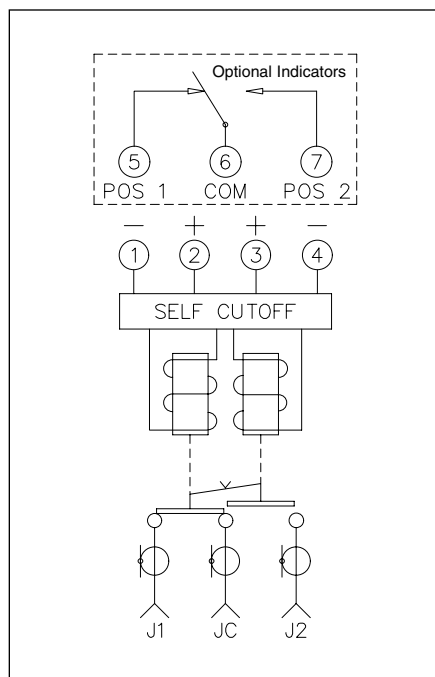
"0" = 0.0V-0.8V

"1" = 2.4V-5.5V

3 401 Pulse Latch



4 401 Self Cutoff



5 401 Self Cutoff TTL

