

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
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Custom engineering
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QK SERIES
1P3T to 1P6T
MULTI POSITION SWITCH
DC-40 GHz ◆ K



The ***QK Series*** features K connectors and a frequency range of DC to 40 GHz.

This series is available with latching self cut-off or normally open functions.

RF Impedance: 50 ohms nominal
Temperature Range: -35°C to +85°C ambient
Operating Life: 1,000,000 cycles min.
Switching Time: 15 mSec max.
Switching Sequence: Break Before Make
Environmental: Designed in Accordance to MIL-DTL-3928 (Testing and Operation Modes)

SPECIFICATIONS

Frequency	VSWR (max.)	Insertion Loss (dB max.)	Isolation (dB min.)
DC-6 GHz	1.30	0.20	70
6-12 GHz	1.40	0.40	60
12-18 GHz	1.50	0.50	60
18-26.5 GHz	1.70	0.70	55
26.5-40 GHz	2.00	1.00	50

Actuator Current (typical)	12Vdc	12-15 Vdc	20-24 Vdc	24-30Vdc
Normally Open	180mA	180mA	130mA	140mA

* If reduced coil current is required, please contact Factory.

AVAILABLE OPTIONS

OPTION 2 – RF CONNECTORS
- **9 -** K

OPTION 3 – TERMINALS
- **1 -** Solder Terminals
- **2 -** Circular Connector
- **4 -** Sub Miniature D-Shell Connector

OPTION 4 – VOLTAGE
- **1 -** 6 Vdc +/- 10%
- **2 -** 12 Vdc +/- 10%
- **3 -** 24-30 Vdc
- **4 -** 48 Vdc +/- 10%
- **5 -** 110 Vac +/- 10%
- **6 -** 12-15 Vdc
- **7 -** 18-20 Vdc
- **8 -** 20-24 Vdc

OPTION 5 – ACTUATOR

Normally Open
- **G -** Diodes, Indicators
- **H -** Indicators
- **J -** Diodes
- **K -** Standard

OPTION 6 – FREQUENCY
- **7 -** DC to 40 GHz

OPTION 7 – POLARITY
- **0 -** Not Applicable
- **8 -** Positive Common
- **9 -** Negative Common

OPTION 8 – SPECIAL OPTIONS
- **L -** TTL (High)
- **LL -** TTL (Low)
- **1 -** Bracket
- **F -** Flange

QK		-	9					7		
Option 1 Series	**Option 1** Number of Positions		**Option 2** RF Connectors	**Option 3** Terminals	**Option 4** Voltage	**Option 5** Actuator		**Option 6** Frequency	**Option 7** Polarity	**Option 8** Special Options

DC TERMINAL FUNCTION

	NORMALLY OPEN					
PIN	J	K	J, K w/ TTL	G	H	G, H w/ TTL
1	COM+/-	COM	+A	COM+/-	COM	+A
2	1-/+	1	-B	1-/+	1	-B
3	2-/+	2	1	2-/+	2	1
4	3-/+	3	2	3-/+	3	2
5	4-/+	4	3	4-/+	4	3
6	5-/+	5	4	5-/+	5	4
7	6-/+	6	5	6-/+	6	5
8	N/A	N/A	6	N/A	N/A	6
A	N/A	N/A	N/A	COM	COM	COM
B	N/A	N/A	N/A	1	1	1
C	N/A	N/A	N/A	2	2	2
D	N/A	N/A	N/A	3	3	3
E	N/A	N/A	N/A	4	4	4
F	N/A	N/A	N/A	5	5	5
G	N/A	N/A	N/A	6	6	6

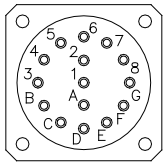
SCHEMATICS

	Pages 139-143					
FIG.	29	29	30	29	29	30

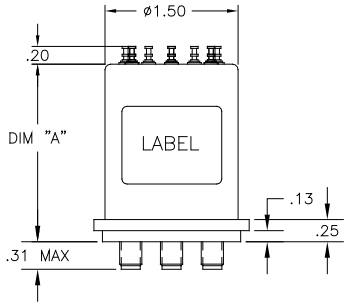
OUTLINE DRAWING DIMENSION "A"

	1.60"	1.60"	2.25"	2.10"	2.10"	2.50"

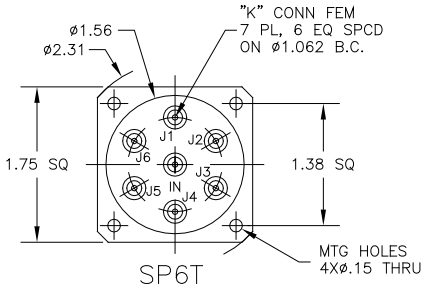
DC TERMINAL VIEW

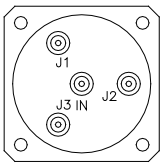


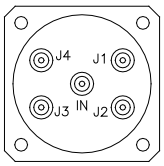
FRONT VIEW

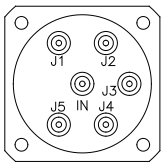


BOTTOM VIEW









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Gold-standard solutions

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We buy equipment

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