

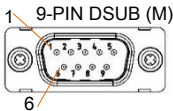
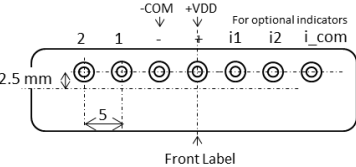
The MC2 Series features SMA or K connectors with or without internal termination and an operation frequency range of DC to 40 GHz. This series is available with failsafe, latching self-cutoff or pulse latching, TTL, and coil suppression options.



Specifications	
Contact Material	Plated Au
Switching Sequence	Break before Make
Switching Time (max)	15msec
Impedance	50Ω
Temperature Range	-25°C to +65°C (Standard) -55°C to +85°C ("e" option)
Relative Humidity	5 to 85%
Operation Life (cycles)	1,000,000 (Standard)
Vibration (operating)	10G RMS, 20-2000Hz
Mechanical Shock (non-operating)	50G, 1/2 Sine, 11msec
Weight (approx.)	88g

Voltage (VDC)		12	18	24	28
Current (mA)	Failsafe	380	280	200	170

Standard			
Frequency Range (GHz)	VSWR (max)	Insertion Loss (dB) (max)	Isolation (dB) (min)
DC-6	1.20	0.20	70
6-12	1.30	0.25	70
12-18	1.40	0.40	60
18-26.5	1.70	0.70	55
26.5-32	1.90	0.80	50
32-40	2.00	1.00	50



Solder Pins or DSUB 9

PINOUT	
Pin No.	PINOUT
1	A1/V1 (J1-COM)
2	UNUSED
3	COM-
4	UNUSED
5	1 (IND.)
6	2 (IND.)
7	COM+ (IND.)
8	UNUSED
9	+VDC/+VDCI

Optional Indicator Specifications

Max withstand voltage: 60V
 Max current capacity: 100mA
 Max "ON" resistance: 16Ω

Note: +VDC and -C must be connected to operate.

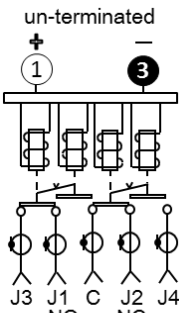
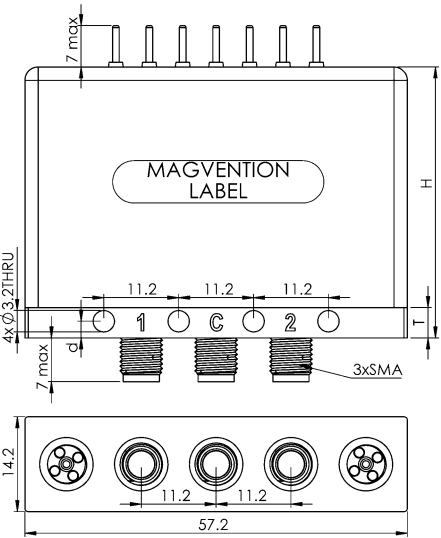
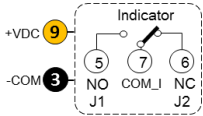


Fig. 1

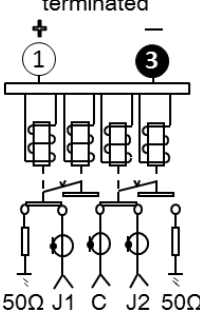


Fig. 2

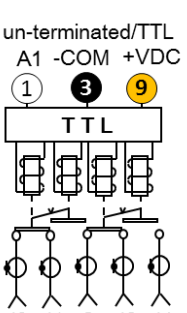


Fig. 3

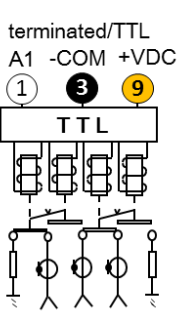


Fig. 4

T = 4.55 (SMA)
 = 6.0 (K-type)
 d = 2.5

H (max)	Solder Pin	DSUB
Standard	43	47
TTL	43	57
Indicator	43	57

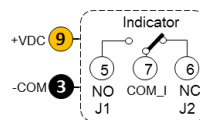
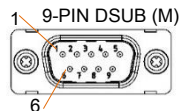
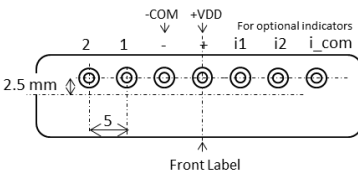
Mechanical drawings (unit: mm, tolerance +/-0.5mm).

The **MC2** Series features SMA or K connectors with or without internal termination and an operation frequency range of DC to 40 GHz. This series is available with failsafe, latching self-cutoff or pulse latching, TTL, and coil suppression options.

Specifications

Contact Material	Plated Au
Switching Sequence	Break before Make
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Impedance	50Ω
Temperature Range	-25°C to +65°C (Standard) -55°C to +85°C ("e" option)
Relative Humidity	5 to 85%
Operation Life (cycles)	1,000,000 (Standard)
Vibration (operating)	10G RMS, 20-2000Hz
Mechanical Shock (non-operating)	50G, 1/2 Sine, 11msec
Weight (approx.)	88g

Voltage (VDC)	12	18	24	28
Current (mA)				
Latching	400	240	180	230

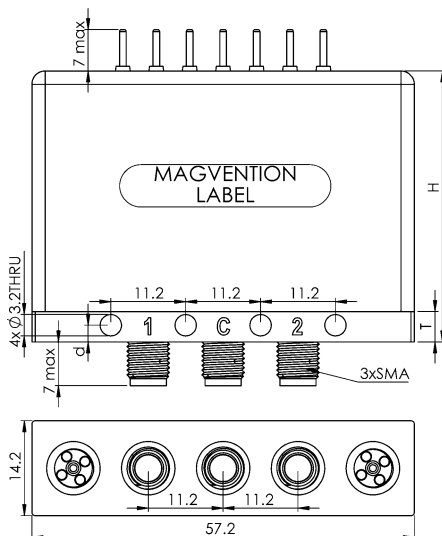


Optional Indicator Specifications

Max withstand voltage: 60V
Max current capacity: 100mA
Max "ON" resistance: 16Ω
Note: +VDC and -C must be connected to operate.

Solder Pins or DSUB 9

Pin No.	PINOUT
1	A1/V1 (J1-COM)
2	A2/V2 (J2-COM)
3	COM-
4	UNUSED
5	1 (IND.)
6	2 (IND.)
7	COM+ (IND.)
8	UNUSED
9	+VDC/+VDCI



T = 4.55 (SMA)
= 6.0 (K-type)
d = 2.5

Mechanical drawings (unit: mm, tolerance +/-0.5mm).

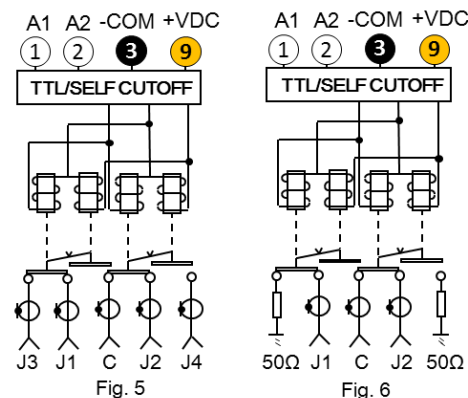


Fig. 5

Fig. 6

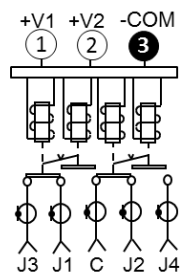


Fig. 7

H (max)	Solder Pin	DSUB
Standard	43	47
TTL	43	57
Indicator	43	57



Standard

Frequency Range (GHz)	VSWR (max)	Insertion Loss (dB) (max)	Isolation (dB) (min)
DC-6	1.20	0.20	70
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