

MCFnT: n=3-6 (e.g., n=6 for 1P6T)

The **MCFnT-S18** product features SMA connectors and an operation frequency range of DC to 18 GHz. This product can be of failsafe or latching type and comes with internal self-terminations. Options include coils suppression diodes, TTL, and/or self cutoff circuits, and indicators.

Specifications

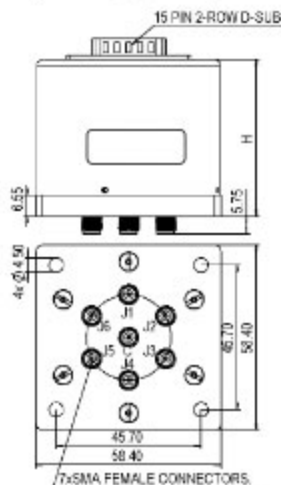
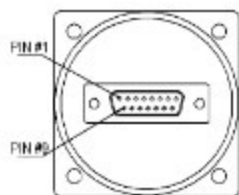
Contact Material	Plated Au
Switching Sequence	Break before Make
Switching Time (max)	15msec
Impedance	50Ω
Temperature Range	-25°C to +65°C
Relative Humidity	5 to 85%
Operation Life (cycles)	1,000,000
Vibration Operating	10G RMS, 20-2000Hz
Mechanical Shock (non-operating)	50G, 1/2 Sine, 11msec



Voltage (VDC)		12	18	24	28
Current (mA)	Failsafe	300	220	167	140
	Latching (set)	200	120	90	70

Other options are available upon request.

Frequency Range (GHz)	VSWR (max)	Insertion Loss (dB) (max)	Isolation (dB) (min)
DC-6	1.3	0.3	80
6-12	1.4	0.4	60
12-18	1.5	0.5	60



FAILSAFE 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	Vn (Jn-COM)
7	COM(-)
8-15	UNUSED

LATCHING (PULSE) 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	+3Vn (Jn-COM)
7	COM(-)
8-15	UNUSED

LATCHING SELF CUTOFF 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	Vn (Jn-COM)
7	COM(-)
8	VR (Reset ALL OPEN)
9-15	UNUSED

FAILSAFE TTL 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	An (Jn-COM)
7	COM(-)
8-14	UNUSED
15	+VDC

LATCHING TTL 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	An (Jn-COM)
7	COM(-)
8	AR (Reset ALL OPEN)
9-14	UNUSED
15	+VDC

LATCHING TTL&SELF CUTOFF 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	An (Jn-COM)
7	COM(-)
8-14	UNUSED
15	+VDC

H = 50 (max) (STANDARD)
= 60 (max) (with TTL)

Mechanical drawings. (unit: mm)

Pin 1-6: The corresponding control signal inputs.