

MCGn: n=11-12 (e.g., n=12 for 1P12T)

The **MCG12-N** product features 1P12T with N-type connectors and an operation frequency range from DC to 1 GHz. This product is of failsafe-type. The options include TTL, suppression diodes, indicators, and low PIM. The product typically comes with a DB15M socket.



Specifications				
Contact Material	Plated Au			
Switching Sequence	Break before Make			
Switching Time (max)	15msec			
Impedance	50Ω			
Temperature Range	-55° C to +85°			
Relative Humidity	5 to 85%			
Operation Life (cycles)	1,000,000			
Vibration Operating	10G RMS, 20-2000Hz			
Mechanical Shock (non-operating)	500G			
Voltage (VDC)	12	18	24	28
Current (mA)	Failsafe		140	

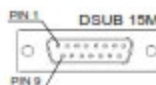
Frequency Range (GHz)	VSWR (max)	Insertion Loss (dB) (max)	Isolation (dB) (min)
DC-1	1.2	0.20	70

Other options are available upon request.

Higher frequency ranges are available upon request.

PIM: 160dBc

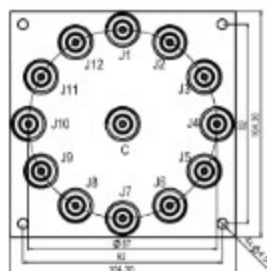
MCL11-, 1P11T SWITCH
MCL12-, 1P12T SWITCH



FAILSAFE 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
m=1-12	Vn (Jn-COM)
13	COM(-)
14-15	UNUSED

FAILSAFE TTL 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
m=1-12	Vn (Jn-COM)
13	COM(-)
14	UNUSED
15	+VDC

Pin 1-12: The corresponding control signal inputs.



H= 75 mm max
(no TTL)

FAILSAFE / NORMALLY OPEN

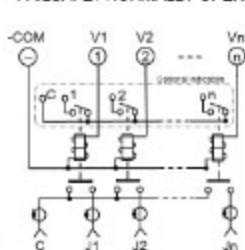


Fig. 1

FAILSAFE / NORMALLY OPEN
with TTL

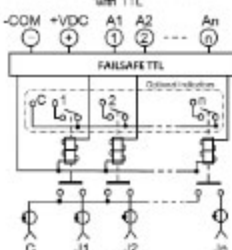


Fig. 2

Mechanical drawings (N-type). (unit: mm)