



12.4 GHz N LATCHING S.P.6 T. SWITCH

OPTIONS : / TTL DRIVE / SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 6
 FREQUENCY RANGE : 0 - 12.4 GHz
 IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 - 12.4
V.S.W.R <=	1.20	1.35	1.50
INSERT. LOSS <=	0.20 dB	0.35 dB	0.50 dB
ISOLATION >=	80 dB	70 dB	60 dB
AVER. POWER (*)	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
 NOMINAL CURRENT AT 25° C (±10%) : 320 mA / RESET : 1920 mA (**)
 ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
 TERMINALS : 25 pins D-SUB male connector

TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
 - Low level : 0 to 0.8V / 20µA at 0.8V

MECHANICAL CHARACTERISTICS

CONNECTORS : N female per MIL C 39012
 LIFE : 2.000.000 cycles per position
 SWITCHING TIME (nominal voltage; 25° C) : < 15 ms
 CONSTRUCTION : splashproof
 WEIGHT : < 460 g

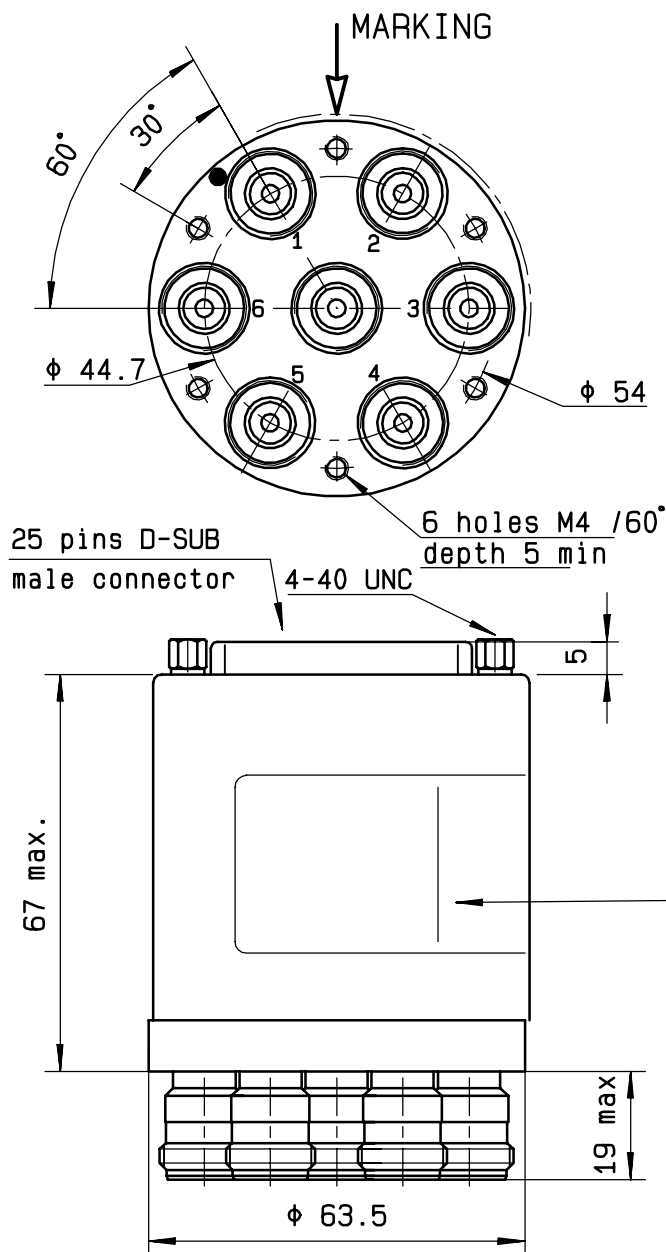
ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -40 , +85
 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

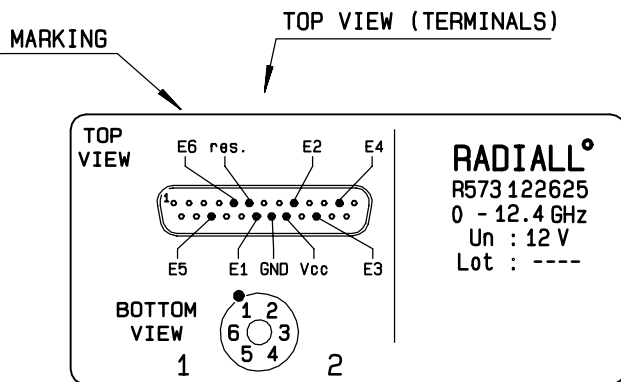
(* : average power at 25° C per RF path)
 (** RESET : supply voltage time 1sec. max./duty cycle 10%)

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

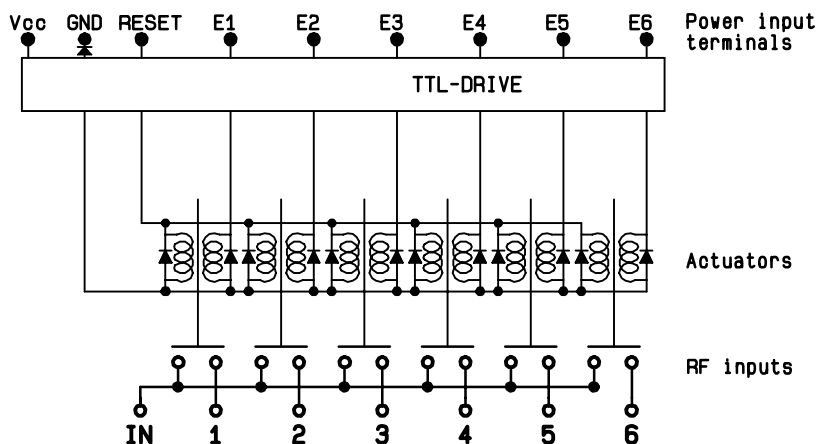
4112-9212



TTL input	RF continuity
RESET = 1	All ports open
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4
E5 = 1	IN ↔ 5
E6 = 1	IN ↔ 6



SCHEMATIC DIAGRAM



This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

4113-9212