



**50Ω TERMINATED 3 GHz SMA LATCHING S.P.10T. SWITCH**

OPTIONS: INDICATOR / SUPP.DIODES

**R F CHARACTERISTICS**

NUMBER OF WAYS : 10  
FREQUENCY RANGE : 0 - 3 GHz  
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3
V.S.W.R	<= 1.20
INSERT. LOSS <=	0.20 dB
ISOLATION >=	80 dB
AVER. POWER (*)	240 W

TERMINATION IMPEDANCE : 50 Ohms  
TERMINATION AVG. POWER AT 25°C : 1 W per termination  
3 W total power

**ELECTRICAL CHARACTERISTICS**

ACTUATOR : LATCHING  
NOMINAL CURRENT AT 25°C (\*10%) : 125 mA / RESET : 1250 mA (\*\*)  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE COMMON  
TERMINALS : 25 pins D-SUB male connector  
INDICATOR RATING : 1 W / 30 V / 100 mA

**MECHANICAL CHARACTERISTICS**

CONNECTORS : SMA female per MIL-C 39012  
LIFE : 2.000.000 cycles per position  
SWITCHING TIME (nominal voltage;25°C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 360 g

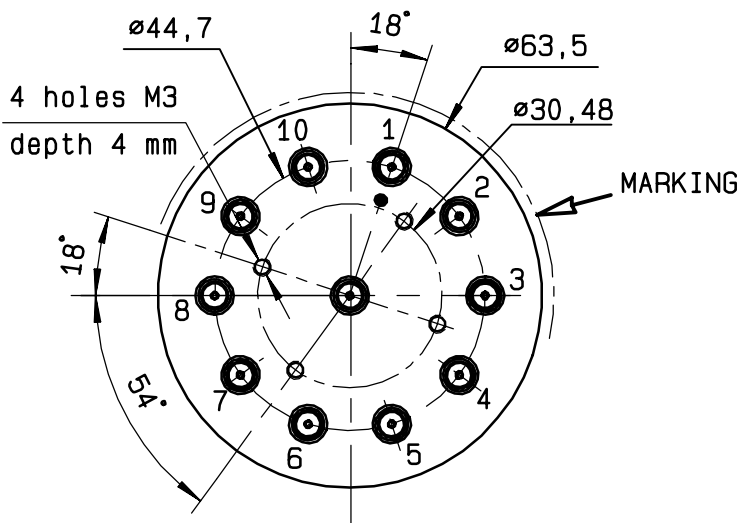
**ENVIRONMENTAL CHARACTERISTICS**

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

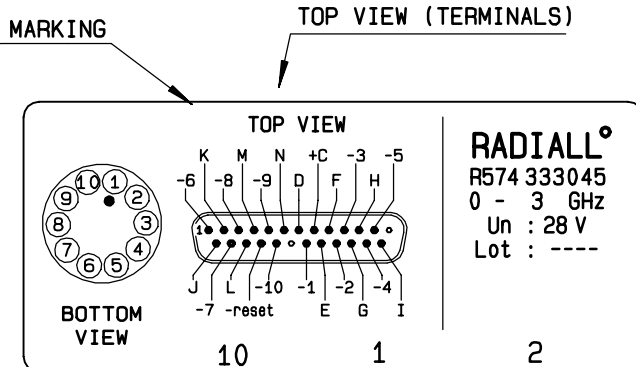
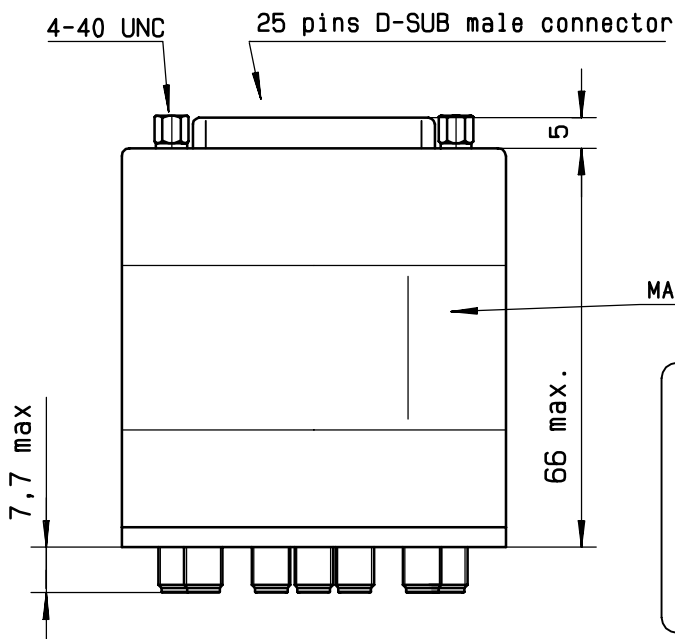
(\* : average power at 25°C per RF path)  
(\*\* RESET : supply voltage time 1sec. max./duty cycle 10%)

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.

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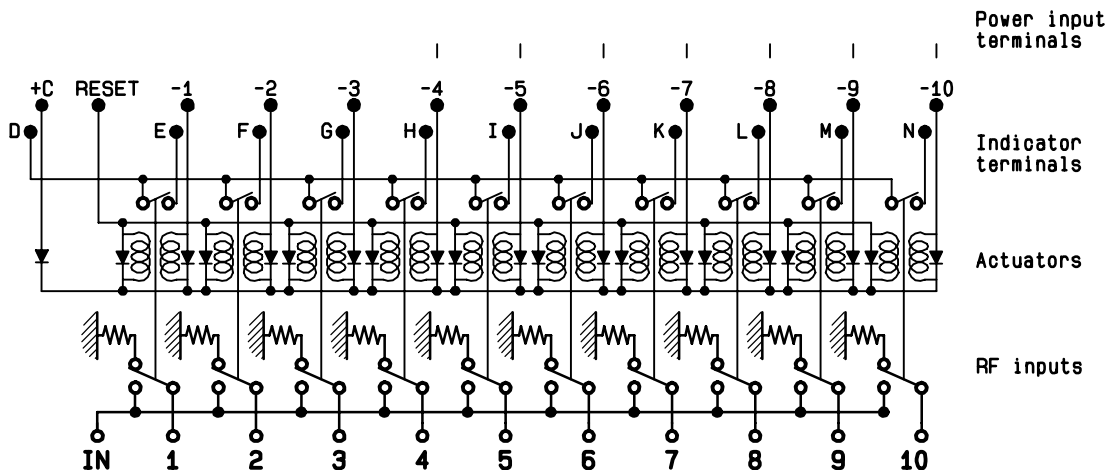


Voltage	RF continuity	Ind.
+C -RESET	All ports open	--
+C -1	IN ↔ 1	D.E
+C -2	IN ↔ 2	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H
+C -5	IN ↔ 5	D.I
+C -6	IN ↔ 6	D.J
+C -7	IN ↔ 7	D.K
+C -8	IN ↔ 8	D.L
+C -9	IN ↔ 9	D.M
+C -10	IN ↔ 10	D.N



**RADIALL<sup>®</sup>**  
 R574 333045  
 0 - 3 GHz  
 Un : 28 V  
 Lot : ----

**SCHEMATIC DIAGRAM**



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