



3 GHz SMA LATCHING S.P.3 T. SWITCH

Page
1 / 2

OPTIONS : INDICATOR / SUPP.DIODES

RF CHARACTERISTICS

NUMBER OF WAYS : 3
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

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25°C (±10%) : 125 mA / RESET : 375 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

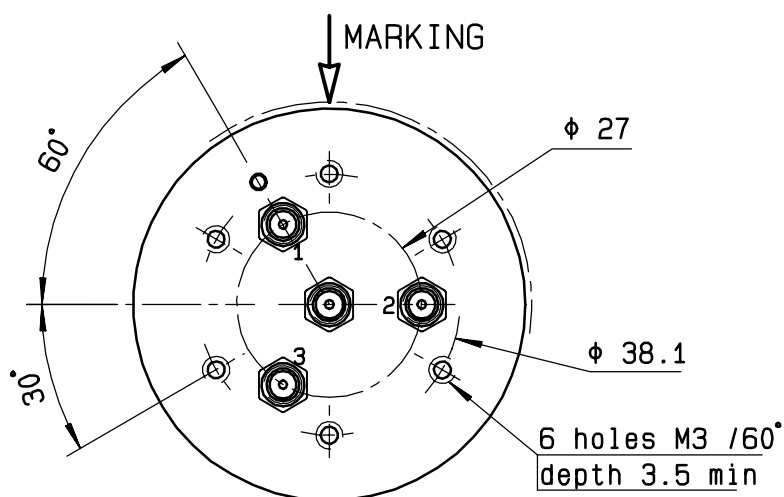
MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL C 39012
LIFE : 5.000.000 cycles per position
SWITCHING TIME (nominal voltage; 25°C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 220 g

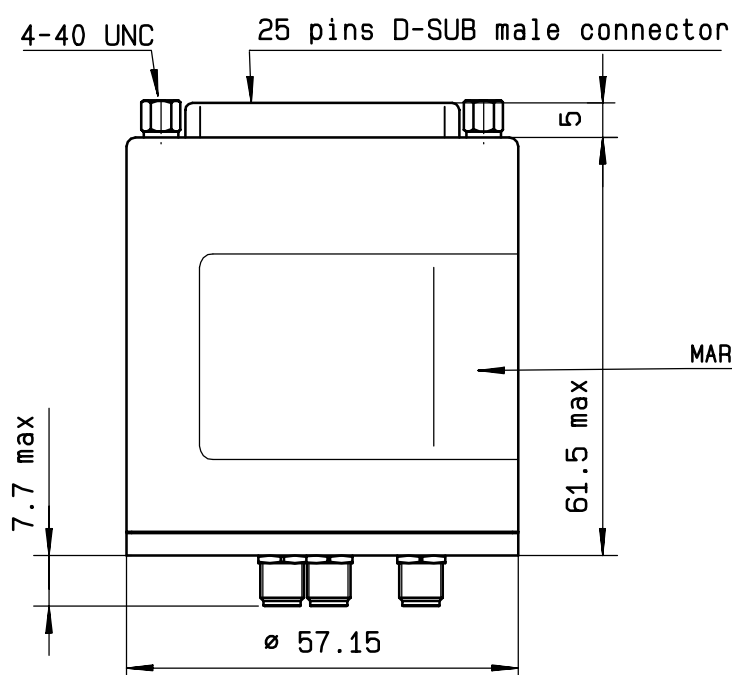
ENVIRONMENTAL CHARACTERISTICS

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

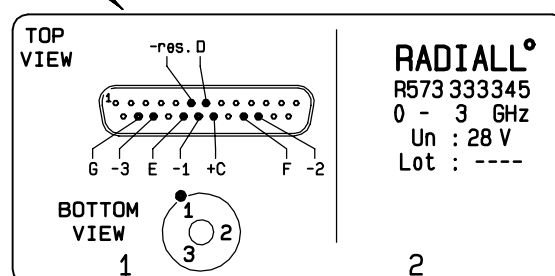
(* : average power at 25°C per RF path)
(** RESET : supply voltage time 1sec. max./duty cycle 10%)



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



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM

