Technical Data Sheet



DPDT Ramses SMA 18GHz Failsafe Indicators 12Vdc D-sub connector with bracket

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RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C
Storage temperature range : -55°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)





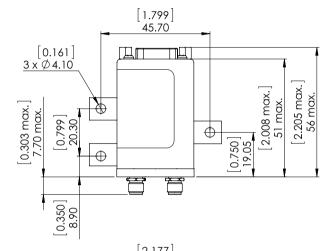


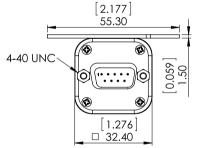
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DRAWING

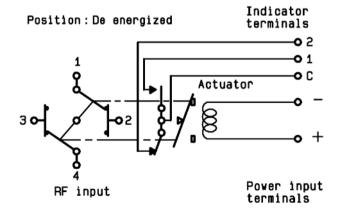
[0.909] 23.10 [0.638] [0.638] 4 x M3 depth 3.50





General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



D - SUB 9 PINS TOP VIEW + - RADIALL® R577422005 0 - 18 GHz

LABEL

Un : 12V Lot : _ _ _ _

Voltage	RF Continuity	Ind.
energized	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
De-energized	1 4 2 / 3 4 4	C 2