Technical Data Sheet



SP6T Terminated Ramses SMA 26GHz Latching Self-cut-off Auto-reset Indicators 28Vdc TTL Drive Diodes D-Sub connector

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RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18-26.5
VSWR max	1,20	1,30	1,40	1,50	1,70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : 25 pins D-SUB male connector

 $\begin{array}{lll} \mbox{Indicator rating} & : 1 \mbox{ W / 30 V / 100 mA} \\ \mbox{Self cut-off time} & : 40 \mbox{ ms} < \mbox{CT} < 120 \mbox{ ms} \\ \mbox{TTL inputs (E)} & - \mbox{High level} & : 2.2 \mbox{ to } 5.5 \mbox{ V / } 800 \mu \mbox{A} \mbox{ at} \\ \end{array}$

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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time*** : < 40 ms Construction : Splashproof Weight : < 250 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)





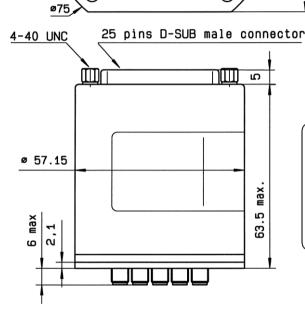


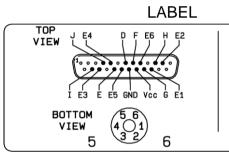
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MARKING 4 Holes Ø4.35

TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D.G
E2 = 1	$IN \leftrightarrow 2$	D.H
E3 = 1	IN ↔ 3	D.I
E4 = 1	IN ↔ 4	D.J
E5 = 1	IN ↔ 5	D.E
E6 = 1	IN ↔ 6	D.F



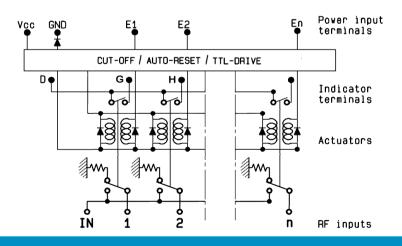


RADIALL® R574F93625 0 - 26.5 GHz Un : 28V Lot : _ _ _ _



General tolerances : $\pm 0.5 \text{ mm}$

SCHEMATIC DIAGRAM



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