Technical Data Sheet



SP12T Terminated Ramses SMA 3GHz Latching Self-cut-off Auto-reset Indicators 28Vdc TTL Diodes D-sub connector

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RF CHARACTERISTICS

Number of ways : 12
Frequency range : 0 - 3 GHz
Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1,20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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 ** : 500 mA

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

Terminals : 44 pins D-SUB male connector

TTL inputs (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 million cycles per position

Switching Time*** : < 50 msConstruction : Splashproof
Weight : < 400 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)



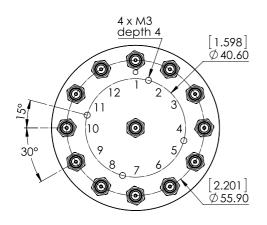




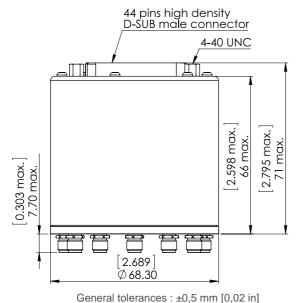
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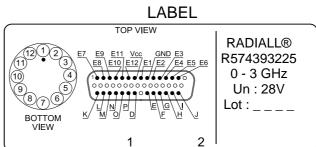
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DRAWING



TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D.E
E2 = 1	$IN \leftrightarrow 2$	D.F
E3 = 1	$IN \leftrightarrow 3$	D.G
E4 = 1	$IN \leftrightarrow 4$	D.H
E5 = 1	IN ↔ 5	D.I
E6 = 1	IN ↔ 6	D.J
E7 = 1	IN ↔ 7	D.K
E8 = 1	IN ↔ 8	D.L
E9 = 1	IN ↔ 9	D.M
E10 = 1	IN ↔ 10	D.N
E11 = 1	IN ↔ 11	D.O
E12 = 1	IN ↔ 12	D.P

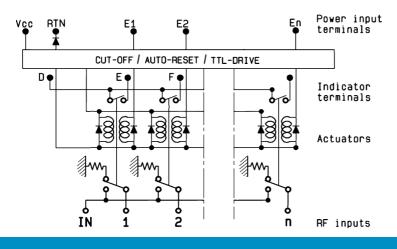






General tolerances : ±0,5 mm [0,02 m

SCHEMATIC DIAGRAM



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