Technical Data Sheet



SP8T Ramses SMA 18GHz Normally open Indicators 28Vdc Positive common Diodes D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573413845

RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18
VSWR max	1.20	1.30	1.40	1.50	1.60
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 102 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 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 280 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)



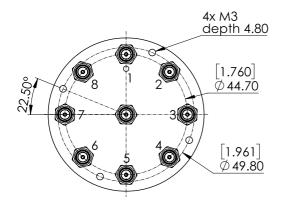




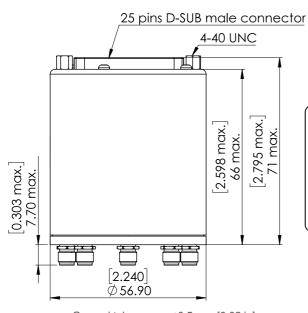
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PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573413845

DRAWING



Voltage	RF Continuity	Ind.
+C -1	IN ↔ 1	D.E
+C -2	$IN \leftrightarrow 2$	D.F
+C -3	$IN \leftrightarrow 3$	D.G
+C -4	$IN \leftrightarrow 4$	D.H
+C -5	$IN \leftrightarrow 5$	D.I
+C -6	$IN \leftrightarrow 6$	D.J
+C -7	$IN \leftrightarrow 7$	D.K
+C -8	IN ↔ 8	D.L

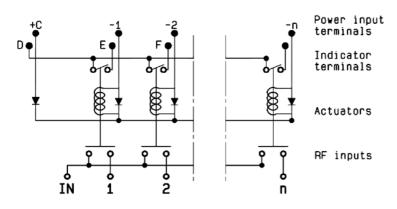


TOP VIEW RADIALL® R573413845 0 - 18 GHz Un : 28V Lot : _____



General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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