Technical Data Sheet



DPDT Ramses N 3GHz Latching Indicators 28Vdc D-sub connector with bracket

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RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

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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RF input

DPDT Ramses N 3GHz Latching Indicators 28Vdc D-sub connector with bracket

PAGE **2/2** ISSUE **22-03-22** SERIE: DPDT PART NUMBER: **R577043005 DRAWING** [1.441] 36.60 [0.880] □ 22.35 4 x M4 depth 7 Ф LABEL **6** D - SUB 9 PINS TOP VIEW **RADIALL®** -C R577043005 0 - 3 GHz [2.598] Un: 28V Lot : _ _ _ _ 4-40 UNC- \oplus [2.276 max.] 57.80 max. \oplus [0.201] 3 x Ø 5.10 [0.768 max.] 19.50 max. [3.252] 82.60 1.748 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals Voltage RF Continuity Ind. **-0** 1 C.1 -C +1 $1 \leftrightarrow 2 / 3 \leftrightarrow 4$ -C +2 C.2 **o** C Actuator -C

Power input

terminals