

necessar

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged

TECHNICAL DATA SHEET

R574 492225

50Ω TERMINATED 12.4 GHz SMA LATCHING S.P.12T. SWITCH

Page 1/2

OPTIONS: INDICATOR /SELF CUT-OFF /AUTO RESET / TTL DRIVE /SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 12

FREQUENCY RANGE : 0 - 12.4 GHz IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4
V.S.W.R <=	1.20	1.40	1.80
INSERT. LOSS <=	0.20 dB	0.35 dB	0.70 dB
ISOLATION >=	80 dB	70 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W

TERMINATION IMPEDANCE : 50 Ohms

TERMINATION AVG. POWER AT 25°C : 1 W per termination

3 W total power

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING NOMINAL CURRENT AT 25°C (±10%) : 1280 mA

ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

TERMINALS : 44 pins D-SUB male connector

TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V - Low level : 0 to 0.8V / 20µA at 0.8V

MECHANICAL CHARACTERISTICS

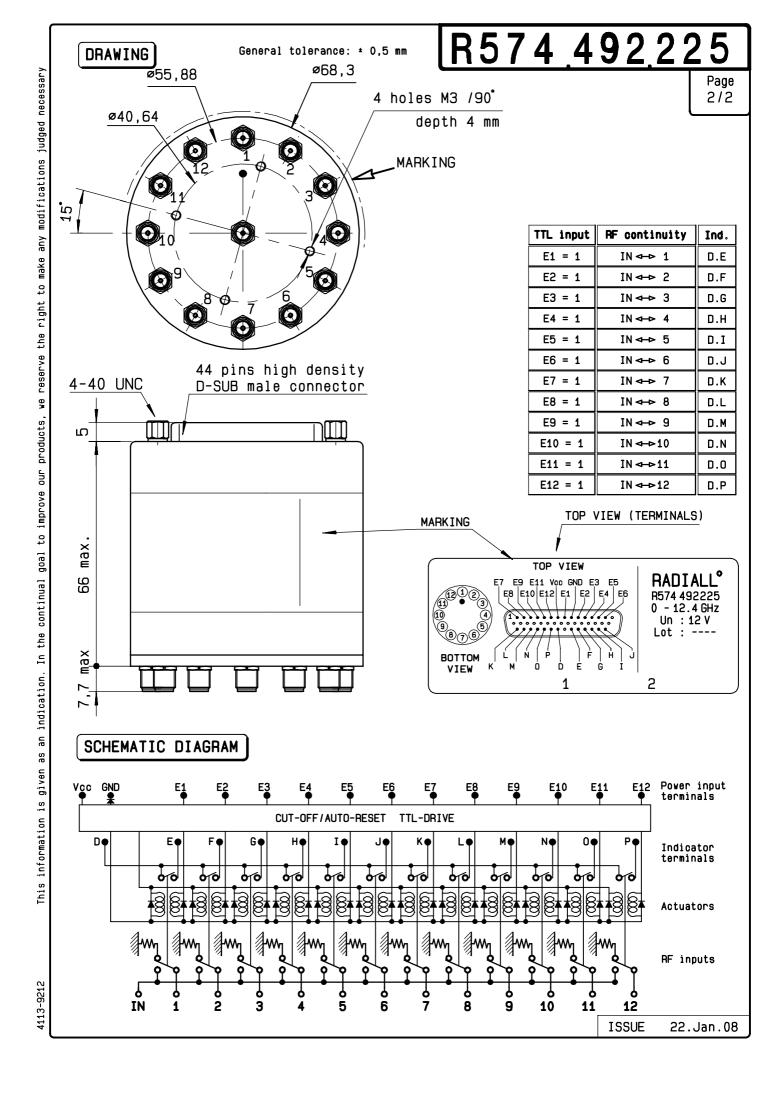
CONNECTORS : SMA female per MIL-C 39012 LIFE : 2.000.000 cycles per position

SWITCHING TIME (nominal voltage; 25° C) : < 50 ms CONSTRUCTION : splashproof WEIGHT : < 400 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -40 , +85 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(* : average power at 25°C per RF path)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radiall:

R574492225