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RF CHARACTERISTICS

Number of ways	:	**4**
Frequency range	:	**0 - 18 GHz**
Impedance	:	**50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

TERMINATION IMPEDANCE	:	**50 Ohms**
TERM. AVG. POWER AT 25° C	:	**1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator	:	**NORMALLY OPEN**
Nominal current **	:	**102 mA**
Actuator voltage (Vcc)	:	**28V (24 to 30V) / POSITIVE COMMON**
Terminals	:	**solder pins (250°C max. / 30 sec.)**
Indicator rating	:	**1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors	:	**SMA female per MIL-C 39012**
Life	:	**2.000.000 cycles per position**
Switching Time***	:	**< 15 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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DRAWING
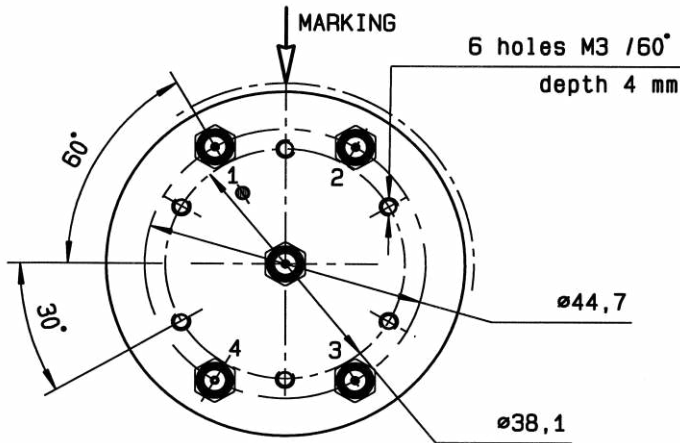
Voltage	RF Continuity	Ind.
+C -1	IN ↔ 1	D.E
+C -2	IN ↔ 2	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H

LABEL

RADIALL®
R574413410
0 - 18 GHz
Un : 28V
Lot : _ _ _ _
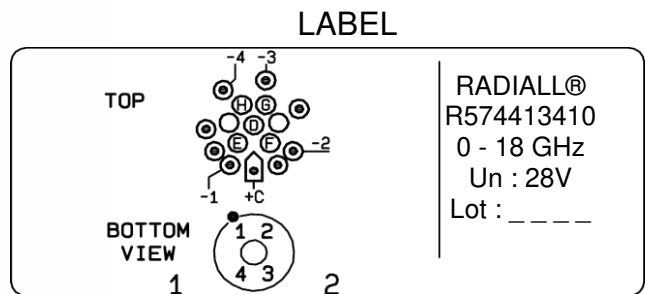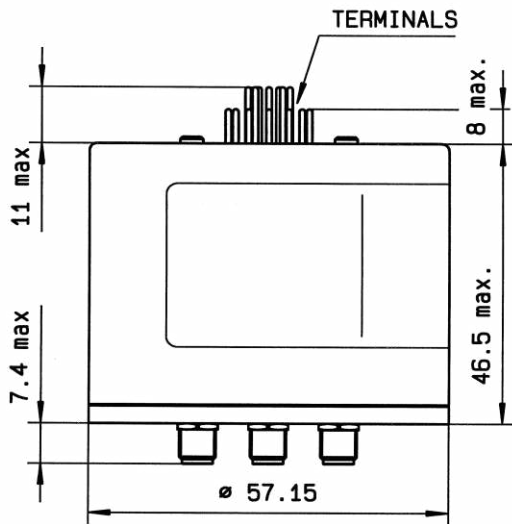
General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM