Technical Data Sheet

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

PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPnT**	PART NUMBER : **R574393205**

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) / NEGATIVE COMMON**
Terminals	: **44 pins D-SUB male connector**
Indicator rating	: **1 W / 30 V / 100 mA**
Self cut-off time	: **40 ms < CT < 120 ms**

MECHANICAL CHARACTERISTICS

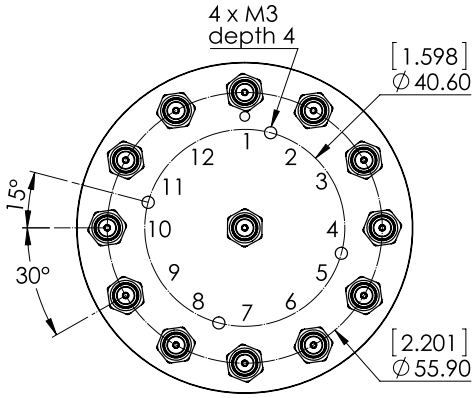
Connectors	: **SMA female per MIL-C 39012**
Life	: **2 million cycles per position**
Switching Time***	: **< 50 ms**
Construction	: **Splashproof**
Weight	: **< 400 g**

ENVIRONMENTAL CHARACTERISTICS

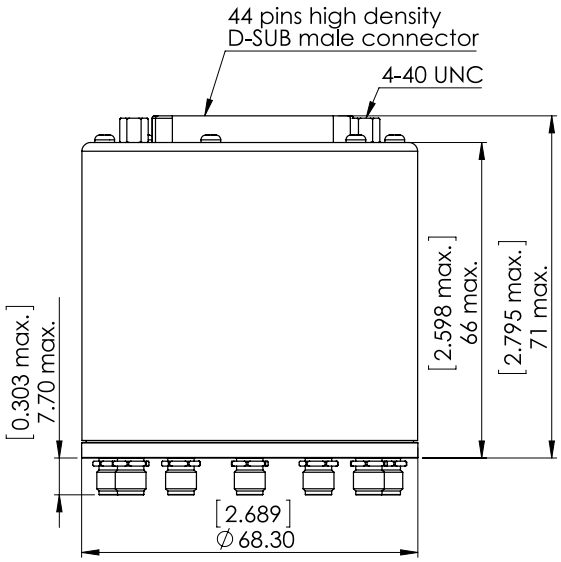
Operating temperature range	: **-40°C to +85°C**
Storage temperature range	: **-55°C to +85°C**

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

DRAWING

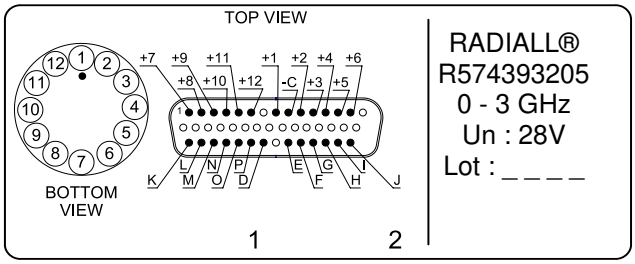


Voltage	RF Continuity	Ind.
-C +1	IN ↔ 1	D.E
-C +2	IN ↔ 2	D.F
-C +3	IN ↔ 3	D.G
-C +4	IN ↔ 4	D.H
-C +5	IN ↔ 5	D.I
-C +6	IN ↔ 6	D.J
-C +7	IN ↔ 7	D.K
-C +8	IN ↔ 8	D.L
-C +9	IN ↔ 9	D.M
-C +10	IN ↔ 10	D.N
-C +11	IN ↔ 11	D.O
-C +12	IN ↔ 12	D.P



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

LABEL



SCHEMATIC DIAGRAM