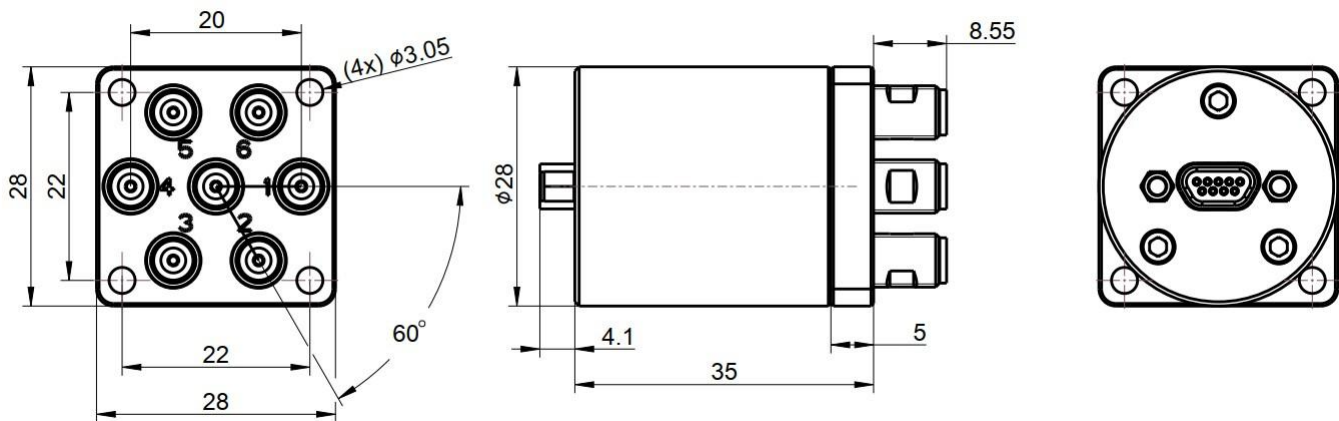


SWH-1P6T-40-0DM-P



Dimensions in mm
Typical Tolerance $\pm 1\text{mm}$

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Configuration

Connector Type	2.92 Female
Switch Sequence	Break-Before-Make
Switch type	Normally open
Switching Speed	$\leq 15\text{ms}$
Control Interface	9Pin D-sub M83513/07-A

Electrical Characteristics

Impedance	50 Ω
Frequency Range	DC to 40GHz
Isolation	100dB Minimum DC-12GHz 80dB Minimum 12-15GHz 70dB Minimum 15-20GHz 65dB Minimum 20-40GHz
VSWR	1.2 Maximum DC-4GHz 1.35 Maximum 4-12.4GHz 1.4 Maximum 12.4-18GHz 1.45 Maximum 18-26.5GHz 1.5 Maximum 26.5-40GHz
Insertion Loss	0.28dB+0.015x f(GHz), DC-26.5GHz 0.030 x frequency (GHz) – 0.1dB, 26.5 to 40 GHz
Supply Voltage	12VDC
Supply Current	200mA

Coaxial Switch Datasheet

Mechanical Properties

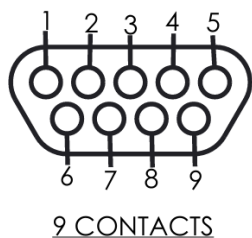
Contacting Mating Cycle	500 times
Operating Life	2 million Cycles Measured In 25 °C

Environment Data

Working Temperature	-20℃ ~ +70℃
Storage Temperature	-55℃ ~ +85℃

Standard drive 1P6T

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- 1: Drive P1
- 2: Drive P2
- 3: Drive P3
- 4: Drive P4
- 5: Drive P5
- 6: Drive P6
- 7: V
- 8: R
- 9: C

TYPE	C	V	1	2	3	4	5	6	R
Negative common	-C	NC	+1	+2	+3	+4	+5	+6	NC
Positive common	+C	NC	-1	-2	-3	-4	-5	-6	NC

Order Information

P/N	Description
SWH-1P6T-40-0DM-P	1P6T Coaxial Mini Switch 2.92 Connector Normally open D-sub Professional, DC-40GHz