

VT180CSPDTSL

Coaxial Electromechanical Switch

Features:

- Wide Frequency Band
- DPDT, Optional SPDT Configuration
- Low VSWR, Small Insertion Loss, High Isolation

Applications:

- Transmit-Receive system
- Test Instrument system
- Microwave Radio



Electrical Specifications

Parameter	Minimum	Typical	Maximum	Units
Frequency	DC		18	GHz
VSWR			1.5	
Insertion Loss			0.4	dB
Isolation	60			dB
Switch Time			100	ms

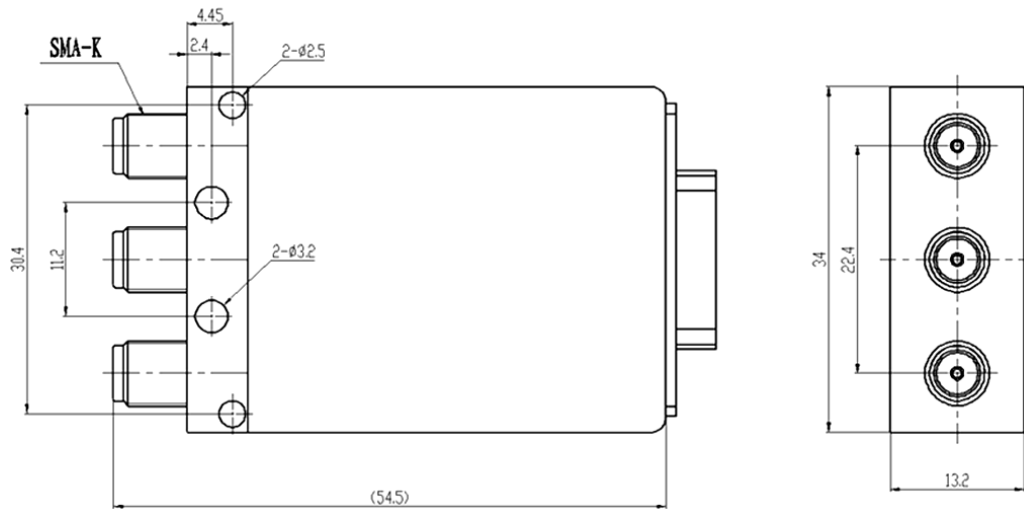
Mechanical Specifications

Parameter	Specifications
Connector Type	SMA Female
Product Type	Self-locking
Control Interface	D89
Material	Aluminum
Finish	Oxidation treatment
Weight	0.05 kg
Operating Temperature	-20°C~+70°C
Storage Temperature	-40°~ +85°C
Relative Humidity	80%

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Outline Drawings (Unless otherwise specified, all dimensions are in millimeters)



Wiring Definition

Pin Definition	Function	Note
1	Supply voltage, control level	+12V,TTL(5V)
2	GND	
3	LOGIC A	TLL
4	LOGIC B	TLL
5	COM	CSI-RS
6	POS1	Status Indicator 1
7	POS2	Status Indicator 2

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Revision History

Date	Revision	Changes
09-Oct-2019	1	First release

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