



SP6T Electromechanical Relay Switch DC to 10 GHz, TNC,
50 Watts, 28V Control with Indicators, Failsafe, TTL

TECHNICAL DATA SHEET

PE71S6201

The PE71S6201 is Single Pole Six Throw Switch that operates from DC to 10 GHz. The switch has a failsafe actuator and an indicator and 1M life cycles. The switch has an opating voltage of 28 Volts and has TTL control.

Features

- SP6T Switch
- DC to 10 GHz Operating Frequency Range
- 1 M Cycles min
- Failsafe Switch
- Indicator
- TTL Contol
- Switching Sequence Break Before Make

Applications

- Test & Measurement
- Communications System
- Instrumentation

Electrical Specifications

Frequency Range	DC to 10 GHz
Impedance	50 Ohms
Actuator	Indicators, Failsafe, TTL Logic
Actuating Current	125 mA
Control Voltage	28 Volts
TTL Control	"1": On, "0": Off, Enable: 5V, Disable: 0V
RF Input Power (Max CW)	50 Watts

RF Characteristic

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Frequency Range	DC to 4	4 to 10				GHz
VSWR, Max	1.2:1	1.6:1				
Insertion Loss, Max	0.2	0.6				dB
Isolation, Min	80	60				dB

Mechanical Specifications

Connector Type	TNC Female
Operating Life	1,000,000
Terminals	Solder Pins
Switching Time (nominal voltage, 25°C)	50 ms Max

Environmental Specifications

Temperature	
Operating Range	-25 to +65 deg C
Environment	Design to meet MIL-DTL-3928

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SP6T Electromechanical Relay Switch DC to 10 GHz, TNC, 50 Watts, 28V Control with Indicators, Failsafe, TTL PE71S6201](#)



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Size

Length	2.455 in [62.36 mm]
Width/Dia.	1.7 in [43.18 mm]
Height	0.72 in [18.29 mm]
Weight	0.35 lbs [158.76 g]

Compliance Certifications (visit www.Pasternack.com for current document)
Not RoHS Compliant

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

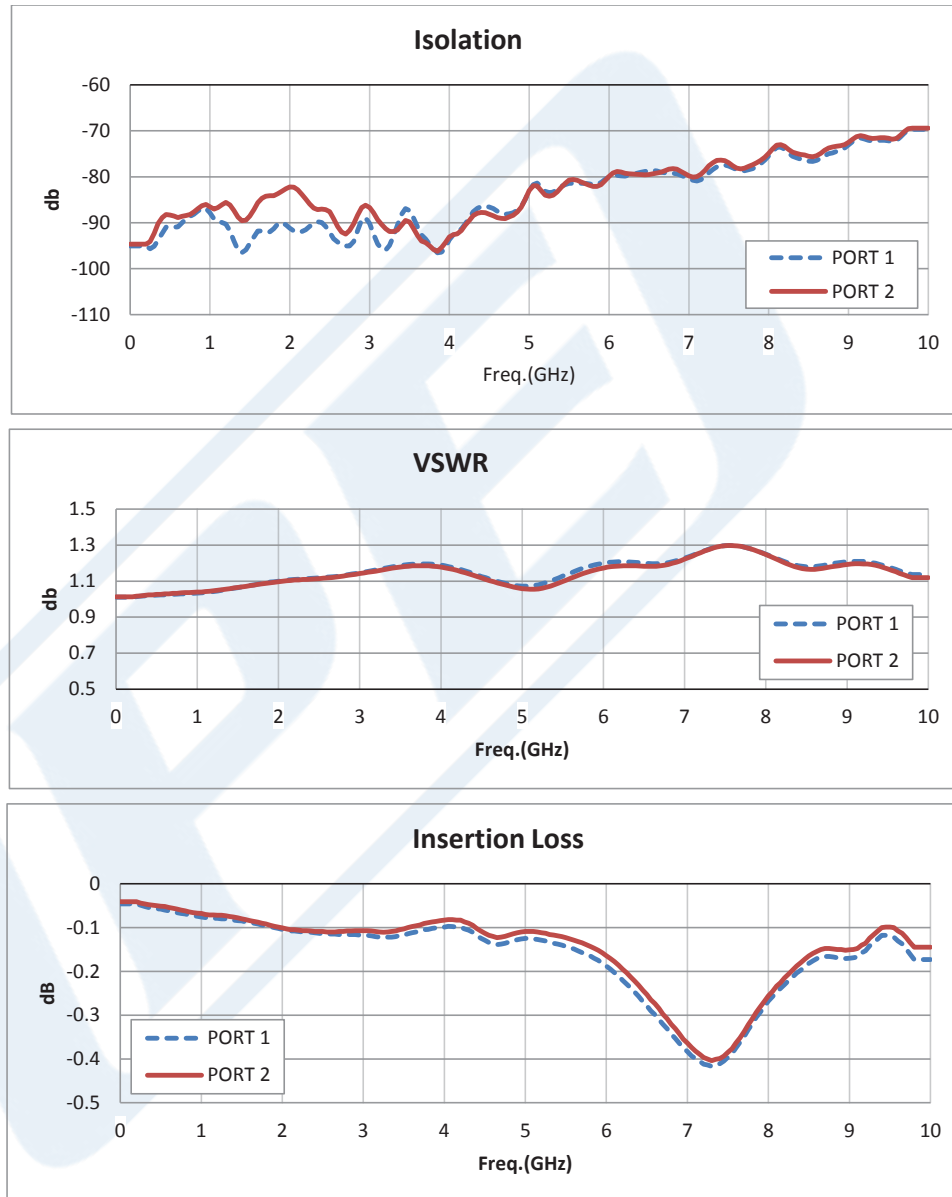
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SP6T Electromechanical Relay Switch DC to 10 GHz, TNC, 50 Watts, 28V Control with Indicators, Failsafe, TTL from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

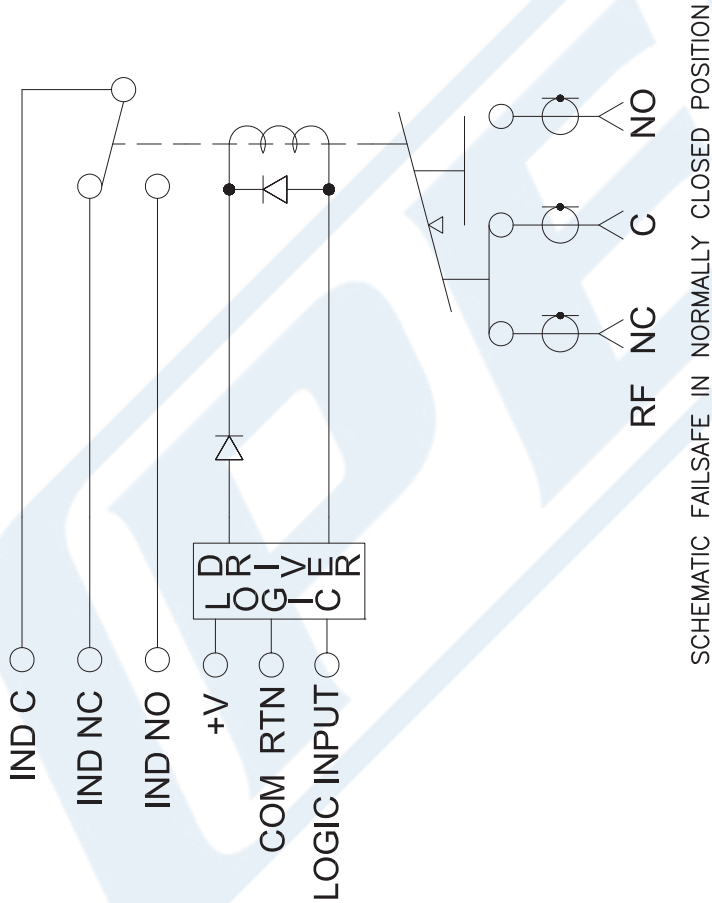
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URL: <http://www.pasternack.com/tnc-sp6t-electromechanical-relay-switch-10-ghz-indicators-failsafe-ttl-logic-pe71s6201-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE71S6201 CAD Drawing

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DWG TITLE

PE71S6201

- NOTES:
- 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 - 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 - 3. DIMENSIONS ARE IN INCHES [mm].

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CAD FILE 062915

SCALE N/A

SIZE A

2233