



SP4T Electromechanical Relay Switch DC to 46 GHz, 2.92mm, 10 Watts, 12V Control with Latching, Indicators, TTL

TECHNICAL DATA SHEET

The PE71S6140 is Single Pole Four Throw Switch that operates from DC to 46 GHz. The switch has a latching actuator, Indicators and 1M life cycles. The switch has an operating voltage of 12 Volts and has TTL Control.

Features

- SP4T Switch
- DC to 46 GHz Operating Frequency Range
- 1 M Cycles min
- Normally Open Switch

- Indicators
- TTL Contol

2.92mm Female

1.000.000

Solder Pins

15 ms Max

- Set Reset Circuitry
- Switching Sequence Break Before Make

Applications

- Test & Measurement
- Communications System
- Instrumentation

Electrical Specifications

Frequency Range Impedance Actuator Actuating Current Control Voltage TTL Control RF Input Power (Max CW) DC to 46 GHz 50 Ohms Latching, Indicators, TTL Logic 480 mA 12 Volts "1": On, "0": Off, Enable: 5V, Disable: 0V 10 Watts

RF Characteristic

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Frequency Range	DC to 6	6 to 12	12 to 18	18 to 26.5	26.5 to 46	GHz
VSWR, Max	1.3:1	1.4:1	1.5:1	1.7:1	2:1	
Insertion Loss, Max	0.2	0.4	0.5	0.7	0.9	dB
Isolation, Min	70	60	60	55	50	dB

Mechanical Specifications

Connector Type Operating Life Terminals Switching Time (nominal voltage, 25°C)

Environmental Specifications

Temperature			
Operating Range	-35 to +85 deg C		
Environment	MIL-DTL-3928		
Housing Material and Plating	Aluminum		

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SP4T Electromechanical Relay Switch DC to 46 GHz, 2.92mm, 10 Watts, 12V Control with Latching, Indicators, TTL PE71S6140

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com



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

Plotted and Other Data

Notes:

- Values at +25 °C, sea level
- ESD Sensitive Material, Transport material in Approved ESD bags. Handle only in approved ESD Workstation



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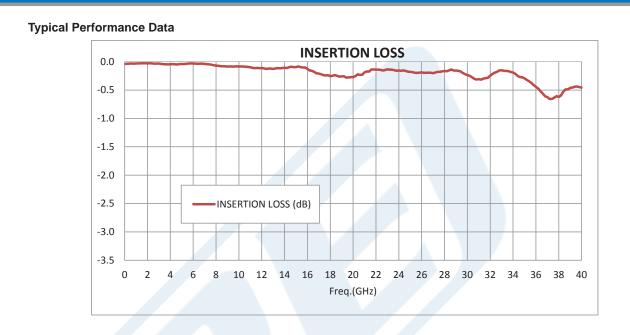


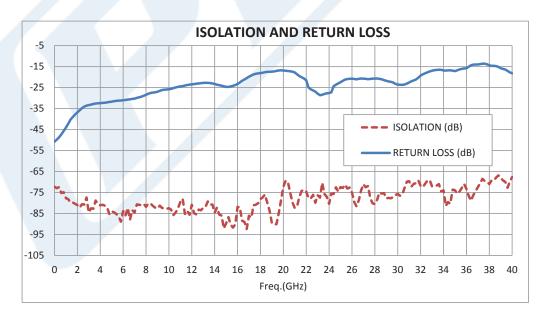


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SP4T Electromechanical Relay Switch DC to 46 GHz, 2.92mm, 10 Watts, 12V Control with Latching, Indicators, TTL from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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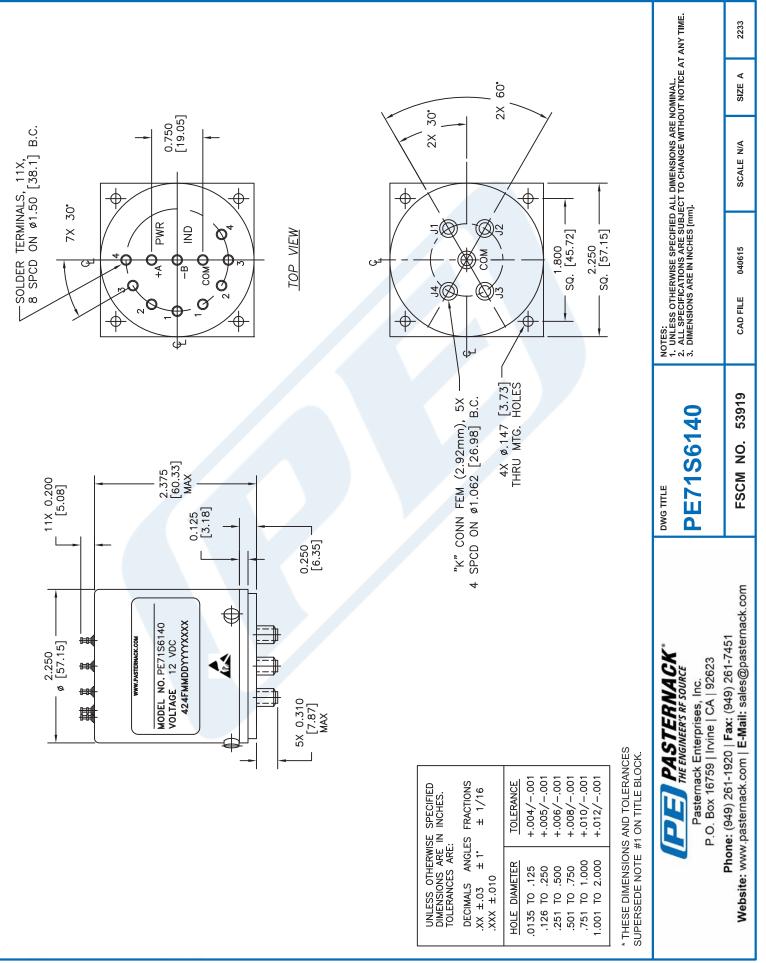
URL: http://www.pasternack.com/2.92mm-sp4t-electromechanical-relay-switch-46-ghz-latching-indicators-ttl-logicpe71s6140-p.aspx

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PE71S6140 CAD Drawing SP4T Electromechanical Relay Switch DC to 46 GHz, 2.92mm,

10 Watts, 12V Control with Latching, Indicators, TTL



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