PASTERNACK®
THE ENGINEER'S RF SOURCE



Transfer Electromechanical Relay Switch DC to 40 GHz, 2.92mm, 10 Watts, 28V Control with Failsafe

TECHNICAL DATA SHEET PE71S6119

The PE71S6119 is Transfer Switch that operates from DC to 40 GHz. The switch has a failsafe actuator and 1M life cycles. The switch has an operating voltage of 28 Volts.

Features

- Transfer Switch
- DC to 40 GHz Operating Frequency Range
- 1 M Cycles min
- Failsafe Switch
- Switching Sequence Break Before Make

Applications

- Test & Measurement
- Communications System
- Instrumentation

Electrical Specifications

Frequency Range	DC to 40 GHz
Impedance	50 Ohms
Actuator	Failsafe
Actuating Current	300 mA
Control Voltage	28 Volts
RF Input Power (Max CW)	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 40	GHz
VSWR, Max	1.3:1	1.4:1	1.5:1	1.7:1	2:1	
Insertion Loss, Max	0.3	0.4	0.5	0.7	0.9	dB
Isolation, Min	70	60	60	55	50	dB

Mechanical Specifications

Connector Type	2.92mm Female
Operating Life	1,000,000
Terminals	Solder Pins
Switching Time (nominal voltage, 25°C)	<20 ms Typ

Environmental Specifications

Temperature

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

Compliance Certifications (visit www.Pasternack.com for current document)

Not RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Transfer Electromechanical Relay Switch DC to 40 GHz, 2.92mm, 10 Watts, 28V Control with Failsafe PE71S6119

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

ISO 9001 : 2008 Registered

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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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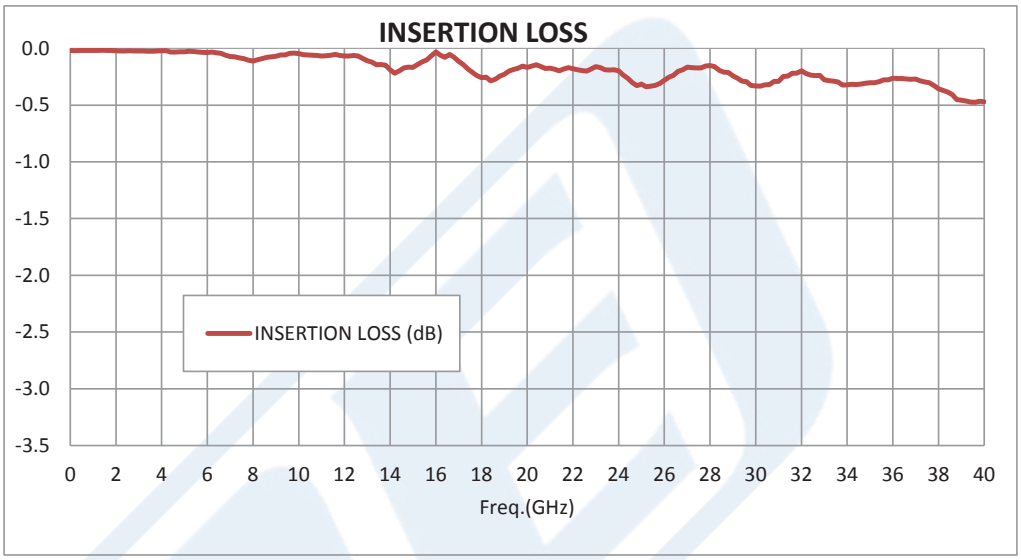
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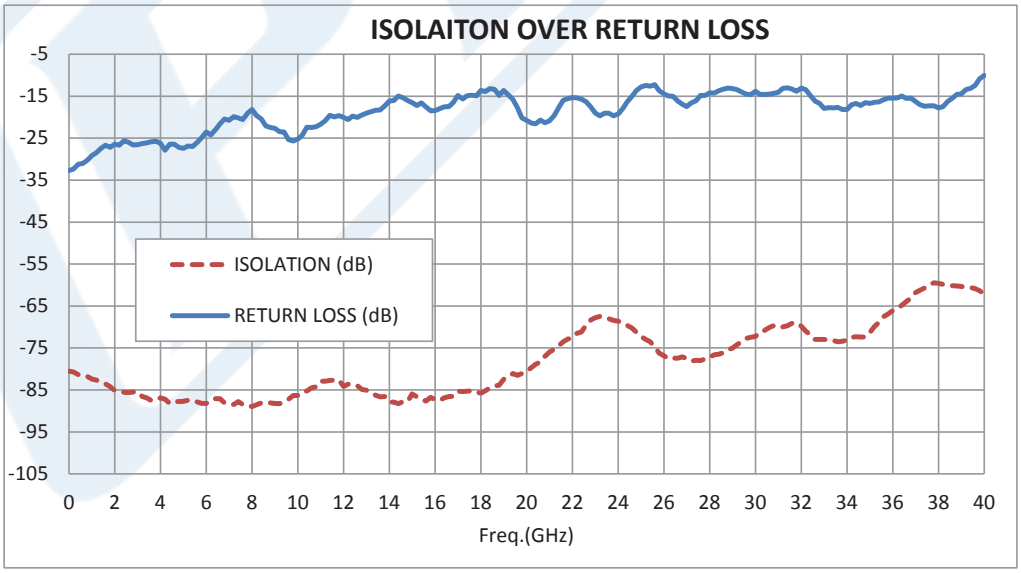


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Typical Performance Data





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Transfer Electromechanical Relay Switch DC to 40 GHz, 2.92mm, 10 Watts, 28V Control with Failsafe 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-transfer-electromechanical-relay-switch-40-ghz-failsafe-pe71s6119-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.

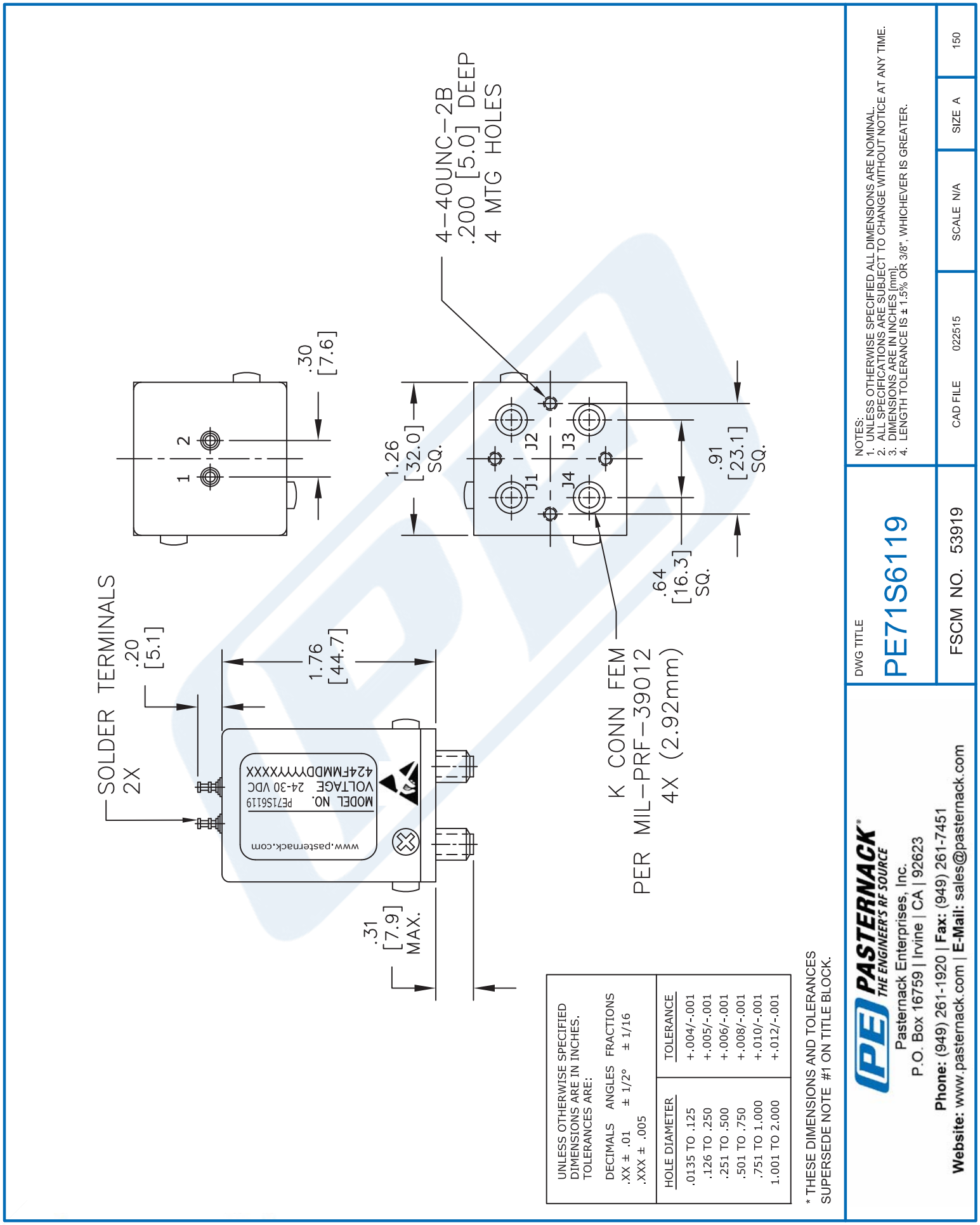
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PE71S6119 CAD Drawing

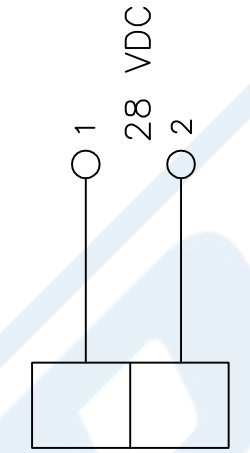
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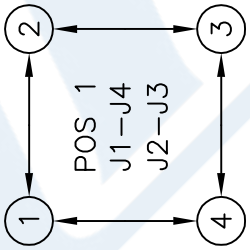


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PE71S6119 CAD Drawing

Transfer Electromechanical Relay Switch DC to 40 GHz,
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FAILSAFE SCHEMATIC SHOWN IN DE-ENERGIZED POSITION

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].

DWG TITLE **PE71S6119**

FSCM NO. 53919 | CAD FILE 022515 | SCALE N/A | SIZE A | 150

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