PASTERNACK®
THE ENGINEER'S RF SOURCE



Transfer Electromechanical Relay Switch DC to 26.5 GHz, SMA, 30 Watts, 28V Control with Latching

TECHNICAL DATA SHEET PE71S6115

The PE71S6115 is Transfer Switch that operates from DC to 26.5 GHz. The switch has a latching actuator and 1M life cycles. The switch has an operating voltage of 28 Volts.

Features

- SPDT Switch
- DC to 26.5 GHz Operating Frequency Range
- 1 M Cycles min
- Latching Switch
- Switching Sequence Break Before Make

Applications

- Test & Measurement
- Communications System
- Instrumentation

Electrical Specifications

Frequency Range	DC to 26.5 GHz
Impedance	50 Ohms
Actuator	Latching
Actuating Current	165 mA
Control Voltage	28 Volts
RF Input Power (Max CW)	30 Watts

RF Characteristic

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Frequency Range	DC to 4	4 to 8	8 to 12	12 to 18	18 to 26.5	GHz
VSWR, Max	1.2:1	1.3:1	1.4:1	1.5:1	1.5:1	
Insertion Loss, Max	0.2	0.3	0.4	0.5	0.5	dB
Isolation, Min	80	75	70	60	50	dB

Mechanical Specifications

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

Environmental Specifications

Temperature

Operating Range	-25 to +65 deg C
Environment	MIL-DTL-3928
Housing Material and Plating	Aluminum

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

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 26.5 GHz, SMA, 30 Watts, 28V Control with Latching PE71S6115

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

© 2015 Pasternack Enterprises All Rights Reserved



Transfer Electromechanical Relay Switch DC to 26.5 GHz, SMA, 30 Watts, 28V Control with Latching

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



Transfer Electromechanical Relay Switch DC to 26.5 GHz, SMA, 30 Watts, 28V Control with Latching 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.

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 26.5 GHz, SMA, 30 Watts, 28V Control with Latching PE71S6115

URL: http://www.pasternack.com/sma-transfer-electromechanical-relay-switch-26.5-ghz-latching-pe71s6115-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.

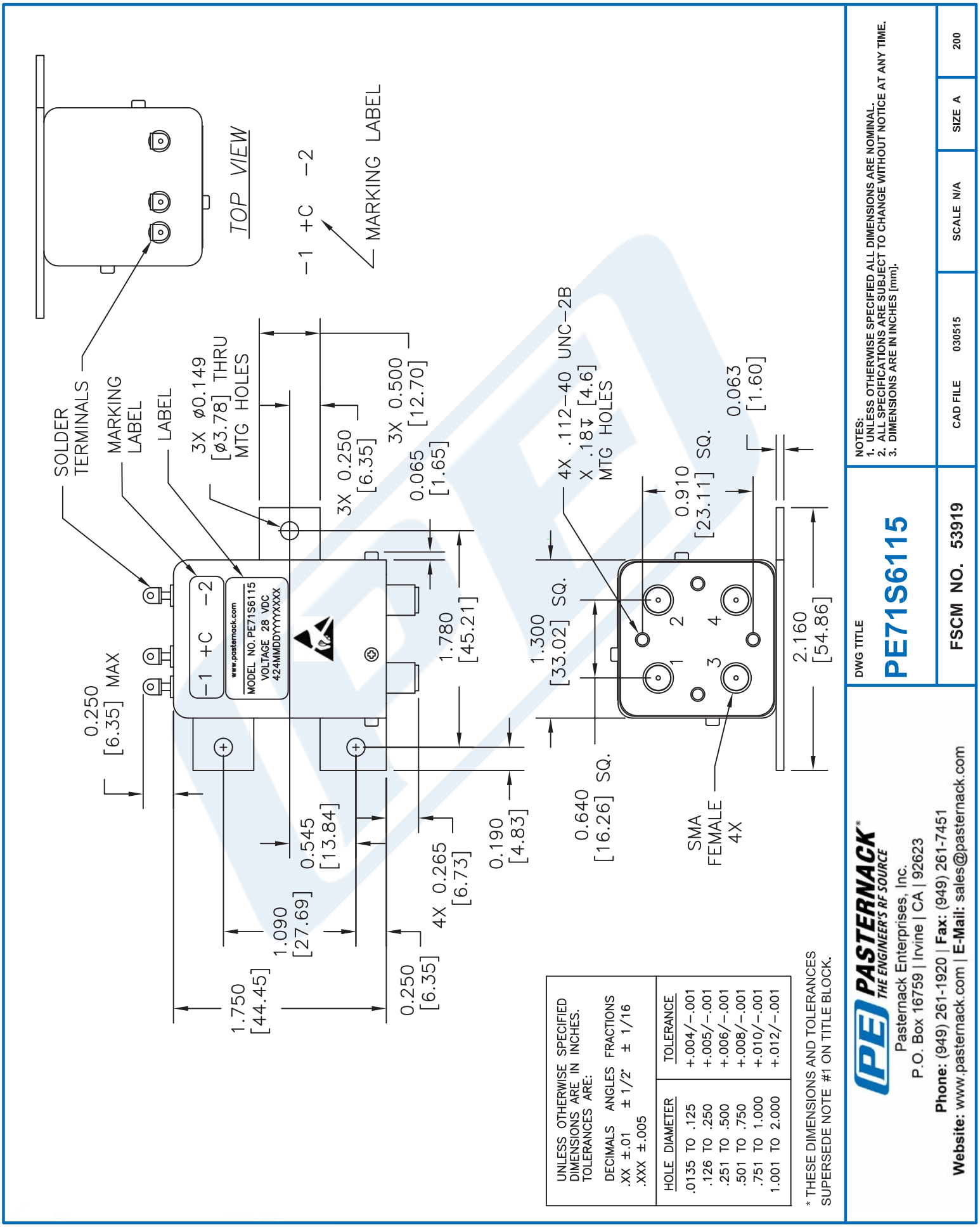
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

© 2015 Pasternack Enterprises All Rights Reserved

PE71S6115 CAD Drawing

Transfer Electromechanical Relay Switch DC to 26.5 GHz,
SMA, 30 Watts, 28V Control with Latching



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS ANGLES FRACTIONS
.XX ±.01 ± 1/2° ± 1/16
.XXX ±.005

HOLE DIAMETER	TOLERANCE
.0135 TO .125	+.004/–.001
.126 TO .250	+.005/–.001
.251 TO .500	+.006/–.001
.501 TO .750	+.008/–.001
.751 TO 1.000	+.010/–.001
1.001 TO 2.000	+.012/–.001

* THESE DIMENSIONS AND TOLERANCES SUPERSEDE NOTE #1 ON TITLE BLOCK.

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
PE71S6115

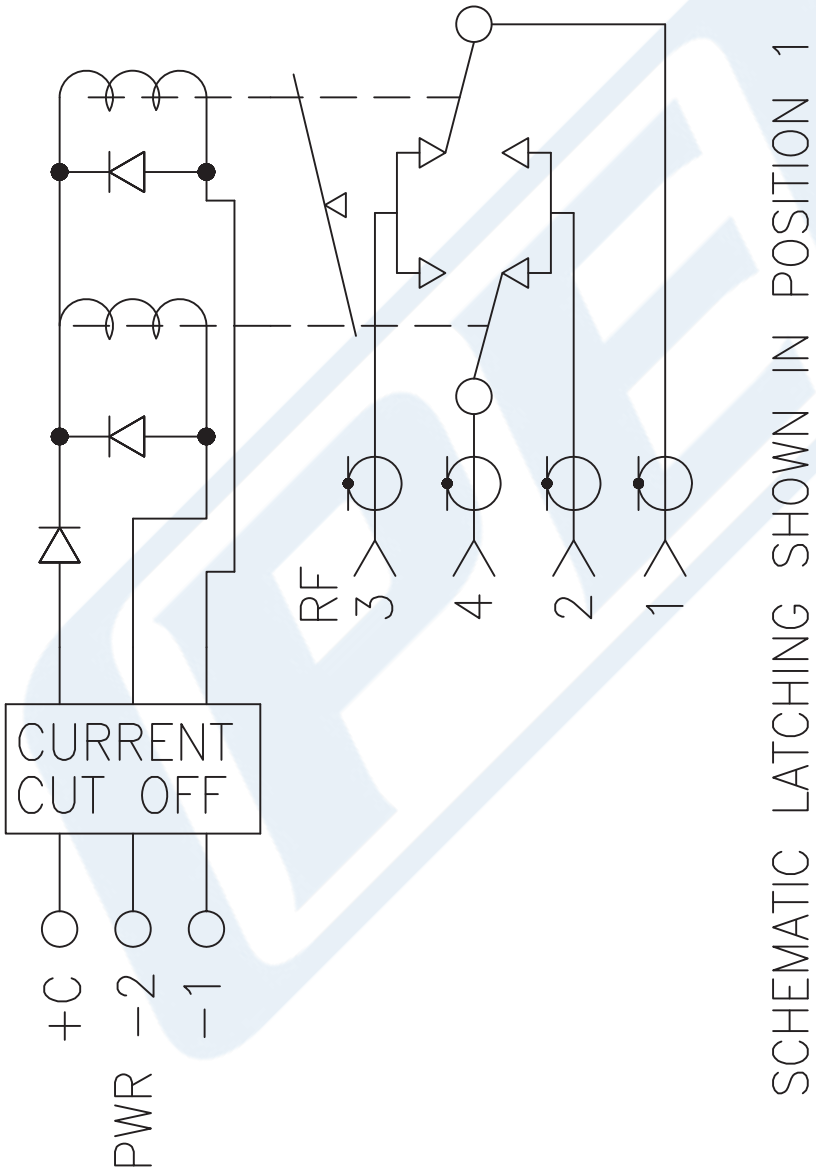
FSCM NO. 53919	CAD FILE 030515	SCALE N/A	SIZE A	200

PASTERNACK® THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

© 2015 Pasternack Enterprises All Rights Reserved

PE71S6115 CAD Drawing

Transfer Electromechanical Relay Switch DC to 26.5 GHz,
SMA, 30 Watts, 28V Control with Latching



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 **PE71S6115**

CAD FILE 030515 | SCALE N/A | SIZE A | 200

FSCM NO. 53919

PASTERNACK® THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pasternack.com | **E-Mail:** sales@pasternack.com

© 2015 Pasternack Enterprises All Rights Reserved