



SP2T SMA Manual Toggle Switch DC to 26.5 GHz, Rated to 30 Watts

Manual Switches Technical Data Sheet

PE71S9016

Features

- SP2T
- Manual Toggle Switch
- 40 dB min Isolation
- DC to 26.5 GHz
- Low VSWR
- SMA Female Connectors

Applications

- Test and Measurements
- Redundancy Systems
- Manual Switching between antenna bands
- OEM Front Panel Control

Description

PE71S9016 is a manual single pole double throw (SP2T) RF coaxial Switch, with a manual toggle actuator configuration. This unit operates across the DC to 26.5 GHz Frequency Range with a max VSWR of 1:51 and a maximum Insertion Loss Of 0.5 dB. It features a housing with SMA female connectors and a minimum Isolation of 40dB

Electrical Specifications

Actuator Type Manual
 Selector Type Toggle
 RF Connector Type SMA Female

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
VSWR			1.5:1	
Insertion Loss			0.5	dB
Isolation	40			dB

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4	4 to 12.4	12.4 to 18	18 to 26.5		GHz
VSWR, Max	1.2:1	1.3:1	1.5:1	1.5:1		
Insertion Loss, Max	0.1	0.2	0.3	0.5		dB
Isolation, Min	80	70	60	40		dB
Input Power, Max (CW)	80	45	40	30		Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SP2T SMA Manual Toggle Switch DC to 26.5 GHz, Rated to 30 Watts PE71S9016](#)



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Mechanical Specifications

Size

Length	0 in [0 mm]
Width/Diameter	0 in [0 mm]
Height	0 in [0 mm]
Weight	0.125 lbs [56.7 g]

Connectors

RF Connector Type	SMA Female
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Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SP2T SMA Manual Toggle Switch DC to 26.5 GHz, Rated to 30 Watts from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

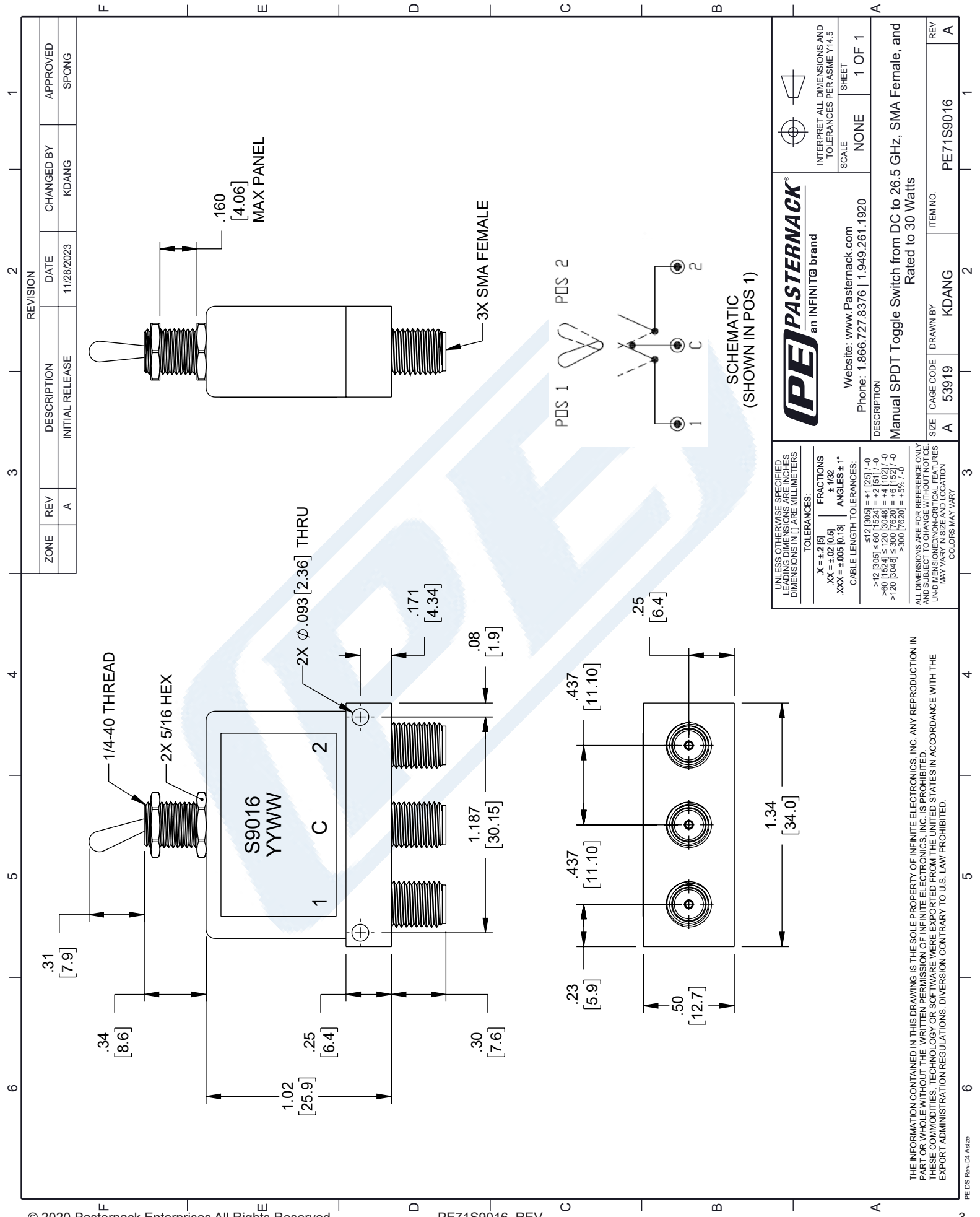
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URL: <https://www.pasternack.com/0-port-sma-manual-coaxial-switch-surge-protection-dc-26.5-ghz-0watts-pe71s9016-p.aspx>

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.

PE71S9016 CAD Drawing

SP2T SMA Manual Toggle Switch DC to 26.5 GHz, Rated to 30 Watts



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/28/2023	KDANG	SPONG

PE PASTERNAK
an INFINITI® brand

Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES, DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:
 .X = ±.2 [5]
 .XX = ±.02 [0.5]
 .XXX = ±.005 [0.13]
 ANGLES ± 1°
 CABLE LENGTH TOLERANCES:
 <12 [305] ≤ 60 [1524] = +.1 [2.5] / -0
 >60 [1524] ≤ 120 [3048] = +.2 [5.1] / -0
 >120 [3048] ≤ 300 [7620] = +.6 [15.2] / -0
 >300 [7620] = +.5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES, DIMENSIONS IN [] ARE MILLIMETERS. COLORS MAY VARY.

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 1 OF 1

DESCRIPTION: Manual SP2T Toggle Switch from DC to 26.5 GHz, SMA Female, and Rated to 30 Watts

SIZE: A CAGE CODE: 53919 DRAWN BY: KDANG ITEM NO.: PE71S9016 REV: A