



SPDT N Manual Knob Switch Surge Protection,
DC to 1.3 GHz, Rated to 500 Watts

Manual Switches Technical Data Sheet

PE7139

Electrical Specifications

Design	SPDT
Actuator Type	Manual
Feature(s)	Surge Protection
Selector Type	Knob
RF Connector Type	N Female

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1.3	GHz
Impedance		50		Ohms
Input Power (CW)			500	Watts

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 30	30 to 150	150 to 450			MHz
VSWR, Max	1.1:1	1.3:1	1.4:1			
Insertion Loss, Max	0.1	0.15	0.5			dB
Isolation, Min	60	50	50			dB

Mechanical Specifications

Size	
Length	5.5 in [139.7 mm]
Width/Diameter	4.38 in [111.25 mm]
Height	2.07 in [52.58 mm]
Weight	1.037 lbs [470.38 g]

Connectors	
RF Connector Type	N Female

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SPDT N Manual Knob Switch Surge Protection, DC to 1.3 GHz, Rated to 500 Watts PE7139](#)



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SPDT N Manual Knob Switch Surge Protection, DC to 1.3 GHz, Rated to 500 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.

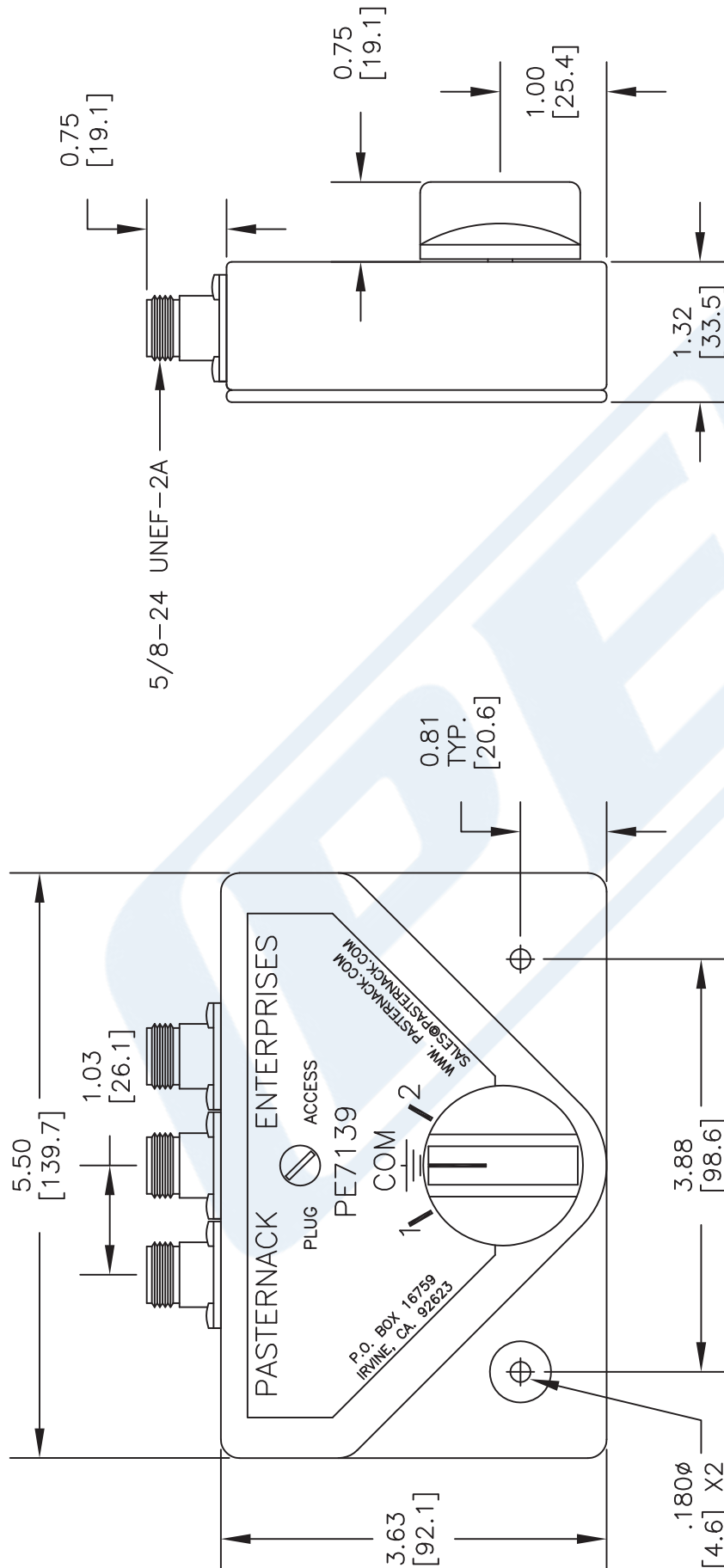
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SPDT N Manual Knob Switch Surge Protection, DC to 1.3 GHz, Rated to 500 Watts PE7139](https://www.pasternack.com/2-port-n-manual-coaxial-switch-surge-protection-dc-1.3-ghz-500watts-pe7139-p.aspx)

URL: <https://www.pasternack.com/2-port-n-manual-coaxial-switch-surge-protection-dc-1.3-ghz-500watts-pe7139-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.

PE7139 CAD Drawing

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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

PE7139

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SCALE N/A

SIZE A

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