

SPDT Electromechanical Relay Latching Switch DC to 12.4 GHz, N, 160 Watts, 28V Control, Self Cut Off, Diodes



Electromechanical Relay Switches Technical Data Sheet

PE71S6163

 Single Pole Double Throw Relay Switc DC to 12.4 GHz Frequency Range 1M Cycle Min Operating Life Latching Actuator Self Cut Off, Suppression Diodes 	Isolation160 Wat	 Insertion Loss 0.6 dB max Isolation 60 dB min 160 Watts Avg Power Max Switching Sequence Break Before Make 		
Applications				
 Test & Measurement 	 Communications System 	 Instrumentation 		

Description

The PE71S6163 is a Single Pole Double Throw Electromechanical Relay Switch that operates from DC to 12.4 GHz and has a rating of 160 Watts input power (CW) in a Break Before Make condition. The design features a Latching Actuator with Self Cut Off circuitry, Suppression Diodes and is rated for 1M Life Cycles for high reliability operation. Insertion loss is specified from 0.2 dB max and Isolation from 80 dB min, with +28 Vdc operating voltage and performance is guaranteed over -55°C to +85°C. The package interface uses solder terminals and N Female connectors.

Switch Type	SPDT, Reflective
Actuator Type	Latching
Switching Sequence	Break Before Make
Actuator Options	Self Cut Off, Diodes

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
Impedance		50		Ohms
Operating Voltage		28		Volts
Actuating Current @ 28 Volts		95		mA
VSWR			1.6:1	
Insertion Loss			0.6	dB
Isolation	60			dB
Input Power (CW) (at 12.4 GHz)			160	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SPDT Electromechanical Relay Latching Switch DC to 12.4 GHz, N, 160 Watts, 28V Control, Self Cut Off, Diodes PE71S6163

ISO 9001 : 2008 Registered

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Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2	2 to 4	4 to 12.4			GHz
VSWR, Max	1.15:1	1.2:1	1.6:1			
Insertion Loss, Max	0.2	0.25	0.6			dB
Isolation, Min	80	80	60			dB
chanical Specification	S					
Size Length			2.2	2 in [55.88 mn	ol	
Width/Diameter				6 in [62.48 m		
Height) in [22.86 mn		
Weight			0.5	3 lbs [240.4 g]	
Body Material and Plating				ıminum		
Package Type			Co	nnectorized N	Nodule	
Operating Life			1,0	00,000 Cycle	es	
Switching Time				ms Max		
Connectors						
RF Connector Type				emale		
RF Connector Contact Ma				ryllium Coppe		
RF Connector Body Mate Control Connector	rial and Platir	ng		ssivated Staiı Ider Pin	niess Steel	
			00			
vironmental Specificat	ions					
Temperature Operating Range			50	5 to +85 deg (~	
ESD Sensitivity						port material in Appr
						d ESD Workstation.
Δ						
Environmental Specificati						
Designed to meet MIL-DT	L-3928					
npliance Certifications	s (visit www.F	Pasternack o	om for current (document)		
			om for current (<i>inconnend</i>		

Plotted and Other Data

Notes:

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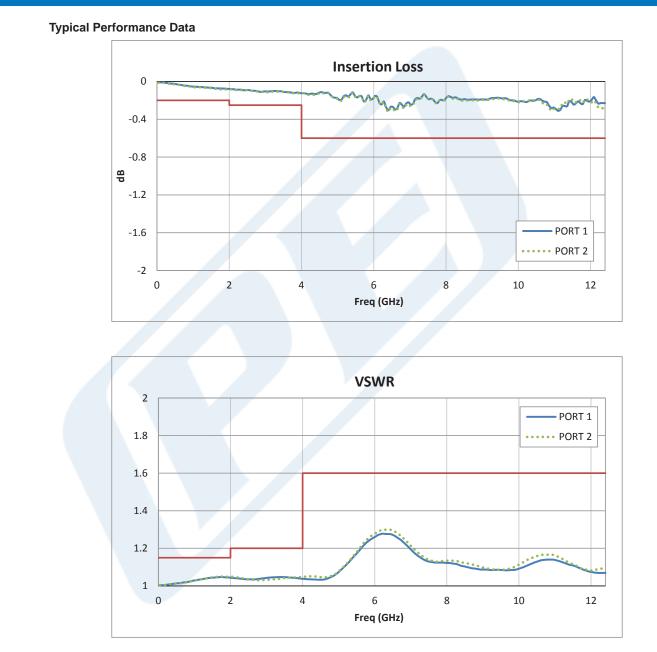
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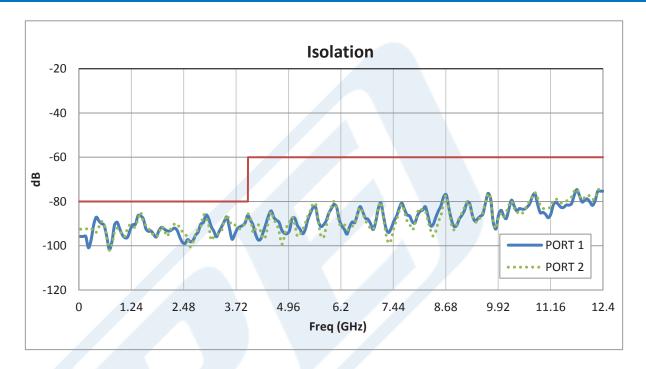




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SPDT Electromechanical Relay Latching Switch DC to 12.4 GHz, N, 160 Watts, 28V Control, Self Cut Off, Diodes from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/n-spdt-electromechanical-relay-switch-12.4-ghz-latching-pe71s6163-p.aspx

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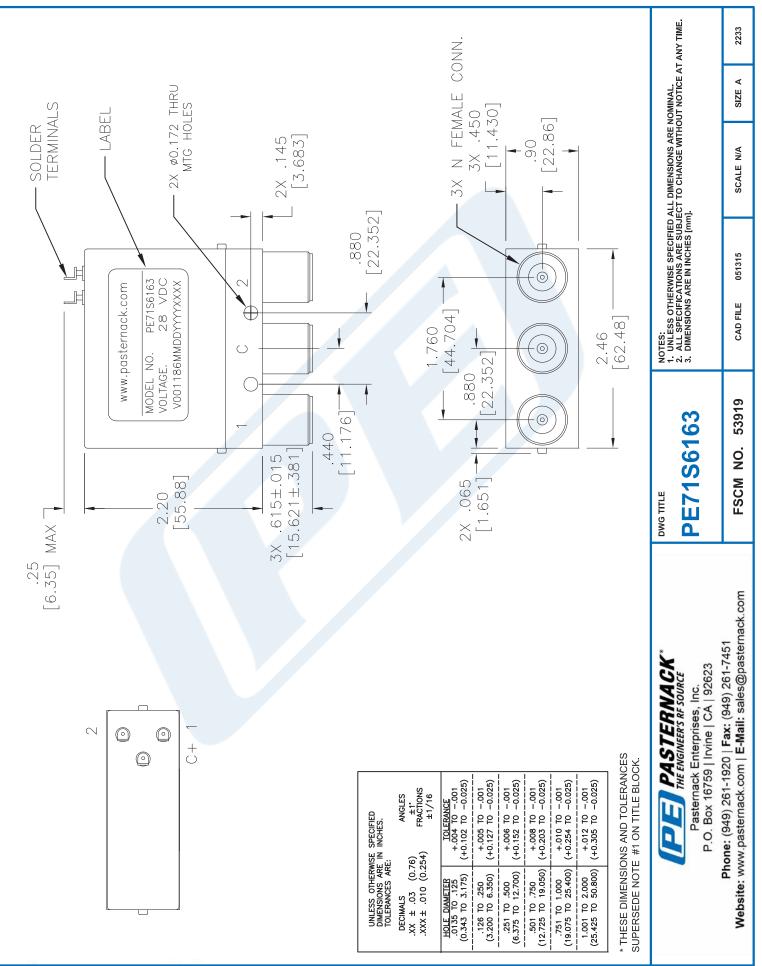


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PE71S6163 CAD Drawing

SPDT Electromechanical Relay Latching Switch DC to 12.4 GHz,





PE71S6163 CAD Drawing SPDT Electromechanical Relay Latching Switch DC to 12.4 GHz,

