



## General Purpose Ribbon Switches

### Types 121-BP, 141-BPH, 141-BPM, & 151-BBW

General purpose ribbon switches designed for activation by hand, foot, or mechanical device. These switches have a PVC exterior.

Ribbon Switch types in this family vary in bead height and standard colors:  
 Sensitivity is 8 oz (2 N) for all ribbon switches except Type 141-BPH.  
 Sensitivity is 24 oz (7 N) for Type 141-BPH.  
 See specification table below for color choices.

Mounting is by aluminum channel or double-faced tape.  
 Length is cut to customer requirements.

*Note: All ribbon switches can be supplied with a black TPE exterior for enhanced moisture and chemical resistance. Add "E" to the type designation, e.g., 141-BPHE, to specify.*



**Type 151-BBW**  
(no bead)



**Type 121-BP**  
(low bead)



**Type 141-BPM**  
(medium bead)



**Type 141-BPH**  
(high bead)

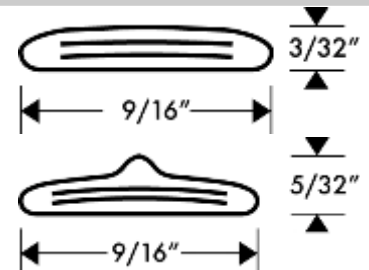
#### Mounting Options

Ribbon Switch Type	Style 104 Aluminum Channel	DA-12 Double-Faced Tape
All	yes	yes

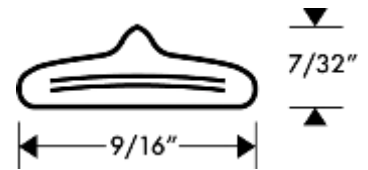
#### Specifications for Type 121, 141, & 151 Ribbon Switch

<u>Actuation Force*</u>	8 oz (2 N) except for Type 141-BPH 24 oz (7 N) for Type 141-BPH	
Bending Radius	1/2 inch (12 mm) minimum for Types 121 & 141 1/8 inch (6.5 mm) minimum for Type 151	
Exterior Covering	PVC (standard) or TPE (optional)	
Color	Type 151-BBW, white Type 121-BP, light green or black Type 141-BPM, white Type 141-BPH, white, red, or black	
Lead Wire	#22 AWG, 18 in (460 mm) long	

Dimensions	for 151-BBW	9/16" wide, 3/32" high (14.3 mm x 2.4 mm)
	for 121-BP	9/16" wide, 5/32" high (14.3 mm x 4.0 mm)



for 141-BPM 9/16" wide, 7/32" high  
(14.3 mm x 5.6 mm)



for 141-BPH 9/16" wide, 9/32" high  
(14.3 mm x 7.1 mm)



Recommended Voltage & Current	24 Vac or Vdc at 1.0 amps max.
Dielectric Resistance	1000 Vac for 2 minutes
Operating Temperature	0 to 122°F (-18 to 50 °C)

### Options

Custom switch lengths

Custom lead lengths

Fail-safe leads

Custom colors are available on request. Please contact the factory

Air leak test

Adhesive backing

Interconnected switches (sausage style)