

## Microswitches

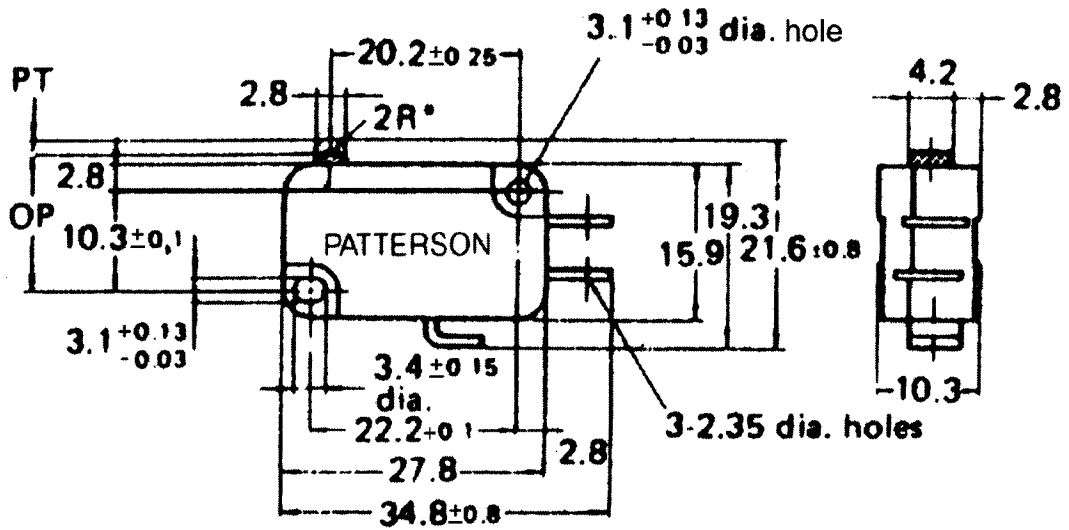
Order code	Manufacturer code	Description
78-0700	n/a	BUTTON MICROSWITCH (RC)

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

# Lever Microswitch - V3 Type

(V-15-A)

Technical Drawing



Item	Details			
Operating Force (OF)	200g	150g	160g	80g
Releasing Force (RF)	80g	45g	17g	8g
Pre-travel (PT)	1.2mm			
Over-travel (OT)	0.8mm			
Movement Differential (MD)	0.15 ~ 0.4mm			
Operating Position (OP)	15.2 ± 0.5 mm			

Specification

Voltage/Current Details	-	See Electrical Details (Below)
Operating Speed	-	0.1mm to 1m / sec
Operating Frequency	-	600 operations / min (Mechanical)
	-	60 operations / min (Electrical)
Contact Resistance	-	15 mΩ max (initial)
Insulation Resistance	-	100 mΩ min (@ 500Vdc)
Dielectric Strength		
Between contacts	-	1000Vac 50/60Hz for 1 minute
Between terminals and Ground	-	1500Vac 50/60Hz for 1 minute
Vibration (Malfunction)	-	10 to 55Hz; 1.5mm double amplitude
Shock		
Mechanical	-	1000m/s (approx. 100G)
Malfunction	-	300m/x (approx. 30G)
Ambient Temperature	-	-25°C to +80°C
Humidity	-	under 50% RH Max.
Service Life		
Mechanical	-	5,000,000 operations
Electrical	-	500,000 operations

Electrical Details

Voltage	Non-Inductive Load (A)				Inductive Load (A)				Inrush Current (Max)
	Resistive Load		Lamp Load		Inductive Load		Motor Load		
	NC	NO	NC	NO	NC	NO	NC	NO	
125 VAC	15		3		10		4		36Amps
250 VAC	15		2		10		3		
8 VDC	15		4		10		6		
14 VDC	15		4		10		6		
30 VDC	10		4		10		4		
125 VDC	0.6		0.1		0.6		0.1		
250 VDC	0.3		0.05		0.3		0.05		