

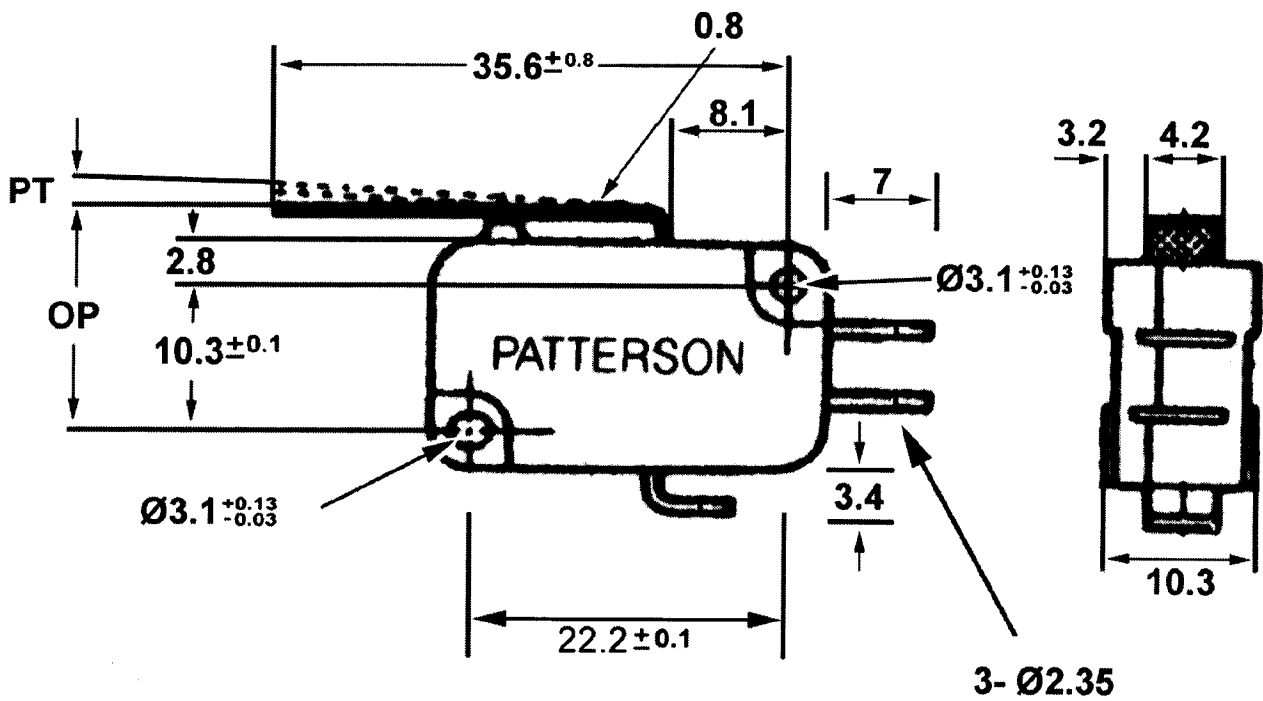
Microswitches

Order code	Manufacturer code	Description
78-0705	n/a	LEVER MICROSWITCH (RC)

Microswitches	Page 1 of 3
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 (V15FLA)

Technical Drawing



Item	Details			
Operating Force (OF)	200g	150g	100g	40g
Releasing Force (RF)	28g	14g	10g	5g
Pre-travel (PT)	3.3mm			
Over-travel (OT)	1.6mm			
Movement Differential (MD)	1.2mm			
Operating Position (OP)	15.2 \pm 2.6mm			

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)
	Resistance 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		