



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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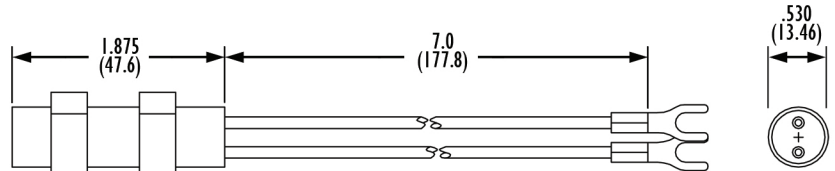
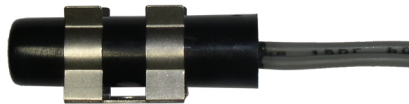
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Part Number : PD5005-7TC
2.5 A Hybrid Tilt Switch - Mercury Free
Product Data Sheet



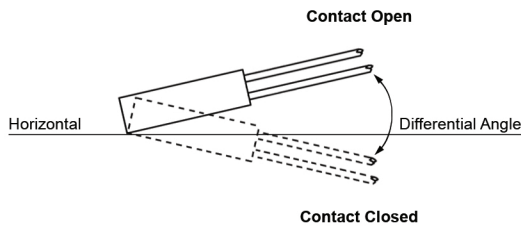
PICTURE **DIMENSIONS**



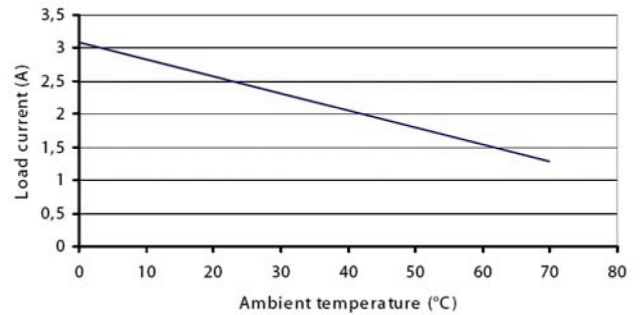
✓ RoHS Compliant

Drawings not to scale
 All dimensions in inches (mm) nominal.

OPERATION



Derating Diagram with duty cycle of 100%



FEATURES	
Technology:	Hybrid Electronic-electromechanical
Switching Voltage:	280 VAC Max.
Switching Capacity:	2.5 A 4A Max. 1 minute on time (duty cycle of 80%)

OPTION

Adaptations of insulation, cable length and termination available upon request.

SPECIFICATION

Output	HIGH COMMUTATION TRIAC
Load Voltage Range	24 to 280 VAC
Peak-off State Voltage	600 Vdrm
Off-State Leakage Current Max.	30 µA
Load Current Range Continuous	0.1 to 2.5 A (@ 23°C ambient)
Surge Current 1 Half Wave	30 A _{peak}
I ² t For Fusing	5.1 A ² s
On-State Voltage Max.	1.5 V _{peak}
Off-State (Static) dV/dt min.	400 V/µs
Operation Temperature	-25° +70°C
Case Material	ABS
Cable	2 x #18(.75mm ²) Neoprene Insulated
Differential Angle Max.	15°



As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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