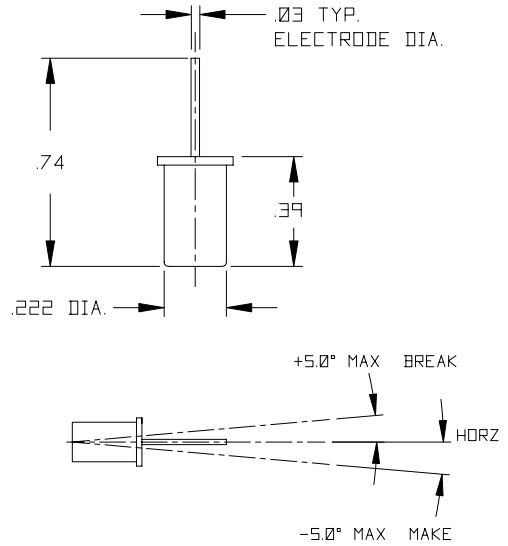


Part No: 20518 - A1/2 Series Tilt Switch – Non Mercury



- Features:**
- * RoHS Compliant
 - * Un-Insulated
 - * Form: NO/NC/SPST/Mount dependent
 - * Angles Referenced from Horizontal
 - * Single Electrode
 - * Hermetically Sealed
 - * Small Package Size
 - * Narrow Included Angle
 - * Long Life



Drawing dimensions in inches and (millimeters).

Tilt switches “make” when the electrode is tilted below horizontal and “break” when tilted above the horizontal. Total travel from “make” to “break” is the “Maximum included angle” shown below. The component to which the switch is attached must have a total tilt angle greater than the “Maximum included angle” for proper operation.

APPLICATION NOTE: SWITCH MUST BE MOUNTED IN APPLICATION SO THAT ROTATION TO MAKE MUST EXCEED 5.0° BELOW HORZ AND ROTATION TO BREAK MUST EXCEED 5.0° ABOVE HORZ.

Must Make / Break Angle * :	- 5° / + 5°
Maximum included Angle:	10°
	* Make/break angles are electrode + (above) / - (below) 0° horizontal reference
Switch Ratings:	
Max Switching Voltage	12 VDC
Max Switching Current	1 mA
Initial Contact Resistance (Max).	200 Ohms
Stand Off Voltage (contact to contact)	1 kV AC
Operating Temperature	-38° to 220° F / -38° to 105° C
Storage Temperature	-40° to 356° F / -40° to 180° C
Typical number of operations at specified load	10,000,000
G-Force Activation G-Level/Range	N/A
Dimensions:	
Weight per 100pcs. Lbs / Kgs:	0.33 / 0.15
Body Length (less leads). Inches / Millimeters:	0.39 / 9.91
Maximum Diameter. Inches / Millimeters:	0.31 / 7.87
Materials:	
Lead Wire Type	N/A
Lead wire length/skive/termination	N/A
Finish:	Tin



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