



# THE DATASHEET OF PICOD301AK



**Pushwheel Switches, Subminiature, Panel Mount, Dual Button**

The PICOD family offers small panel-mounted pushwheel code switches, ideally suited for high density applications. They are used for the controlling and programming of frequency synthesizers, counters and timers, data comparators, security encoders, weighing machines, etc. The dependable pushbutton action allows narrow 0.3 inch width on panel. Changes to higher or lower settings are accomplished rapidly by successive operation of the appropriate buttons. The featherweight PICOD is less than 0.6 inch high, yet rugged enough for hand-held and portable instruments that may be subjected to field abuse. Heavy gold plating on wiping contacts affords low contact resistance for reliable operation over long periods of service. Easy-to-read characters are viewed through dust-sealed window. Installation costs are minimized by snap-together design – no inconvenient hardware.

**MATERIAL SPECIFICATIONS:**

Fixed Contacts .....1 microns AU over Ni over Cu  
 Moving Contacts .....Gold-clad Ni over copper alloy  
 PC Board .....FR4 Glass epoxy  
 Molded Parts .....Noryl-SE1, Black matte finish  
 Window .....Thermoplastic resin

**TYPICAL PERFORMANCE CHARACTERISTICS:**

Contact Rating .....0.4 VA @ 20 VDC max.  
 Contact Circuit Resistance .....0.15 Ohm max.  
 Operating Force .....Approx. 11 oz.  
 PC Terminal Spacing .....0.100"  
 Character Height/Color .....122" White (.094" for hex codes)  
 Life Expectancy .....More than 10<sup>5</sup> operations  
 Operating temperature .....-10° C to + 60° C

**PICOD - 131 - AK**

Codes	Connections
111 = Decimal	AK = pcb short
131 = BCD	AL = pcb long
137 = BCD Complement	LS = solder pin
301 = Hexadecimal	AL/D = pcb long, interrupted
307 = Hexa. Complement	ALU = pcb long downward
400 = Switch-over	

See Code Tables on Page J3



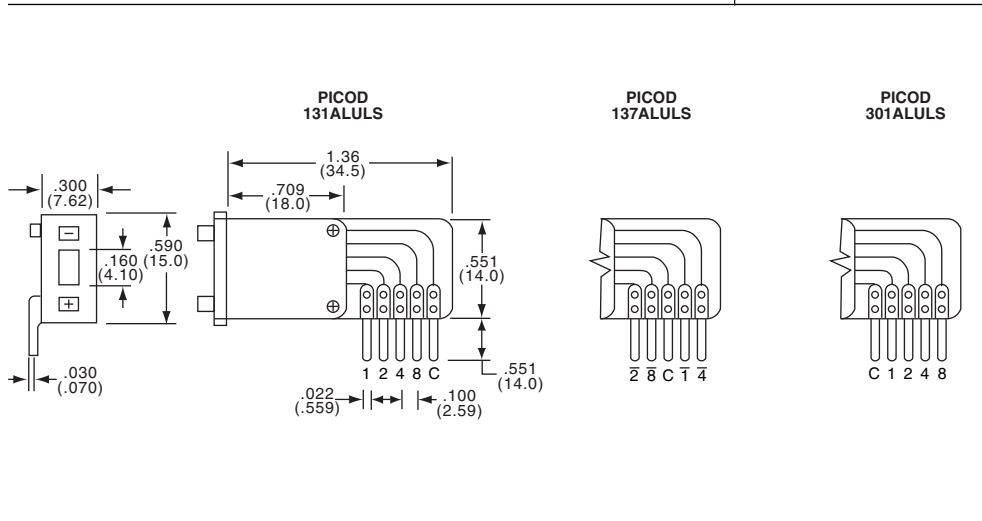
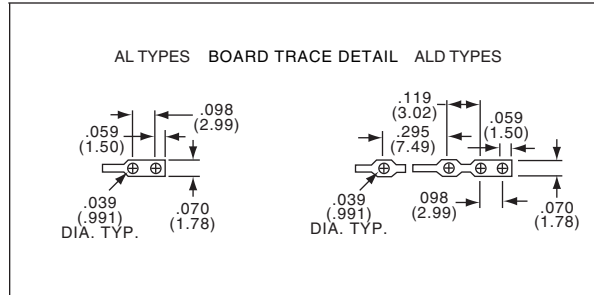
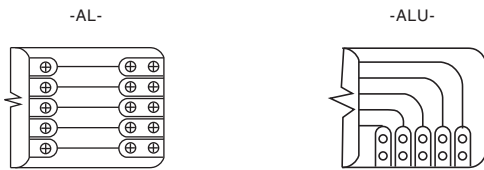
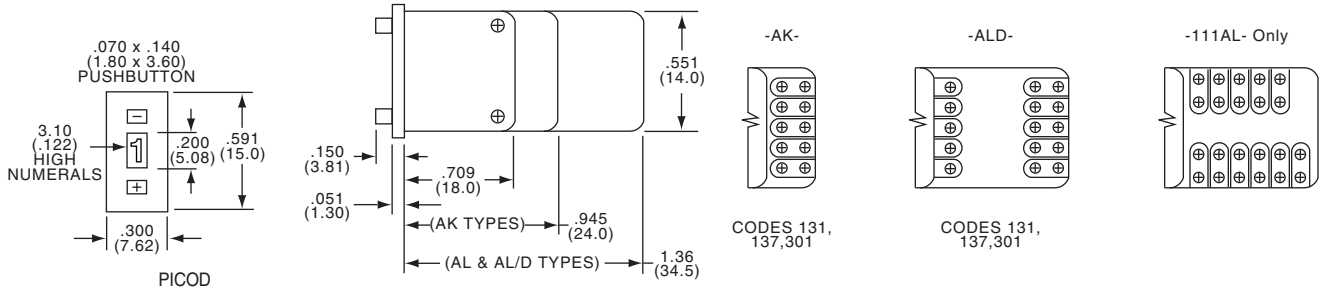
PICOD111AL

**ACCESSORIES**

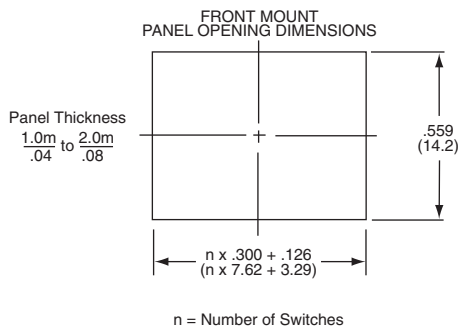
Front Mount Snap Detent	Description	Wheel Marks
PICOA	Spacer, 0.1" wide	
PICOADP	Spacer, 0.1" wide, with decimal point	
PICOBG	Spacer, 0.3" wide (same size as switch)	
PICOP	End-plate pair	
B5LS	5 pin connector with PC pins for AK types	
B5L	5 pin connector with wire lug termination for AK types	

**Pushwheel Switches, Options**

PICOD



PICOD



J  
PICOD Series

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