

C&K AYZ Series Miniature Slide Switches



Features/Benefits

- Low profile
- Single & double pole models
- Double & triple throw models
- RoHS compliant

Typical Applications

- Computer peripherals & network products
- Telecommunication products
- Test & measurement equipment

Specifications

MAX. SWITCHING POWER: 1.2 VA
 MAX. SWITCHING VOLTAGE: 12 VDC
 MAX. SWITCHING CURRENT: 100 mA
 MECHANICAL LIFE: 10,000 operations.
 CONTACT RESISTANCE: <math>< 80\text{m}\Omega</math>
 INSULATION RESISTANCE: >10⁸Ω
 DIELECTRIC STRENGTH: 0.1 kV at 50 Hz/1 min.
 OPERATING TEMPERATURE: -10°C to +60°C
 PACKAGING: Tape & reel, see page J-47.

Materials

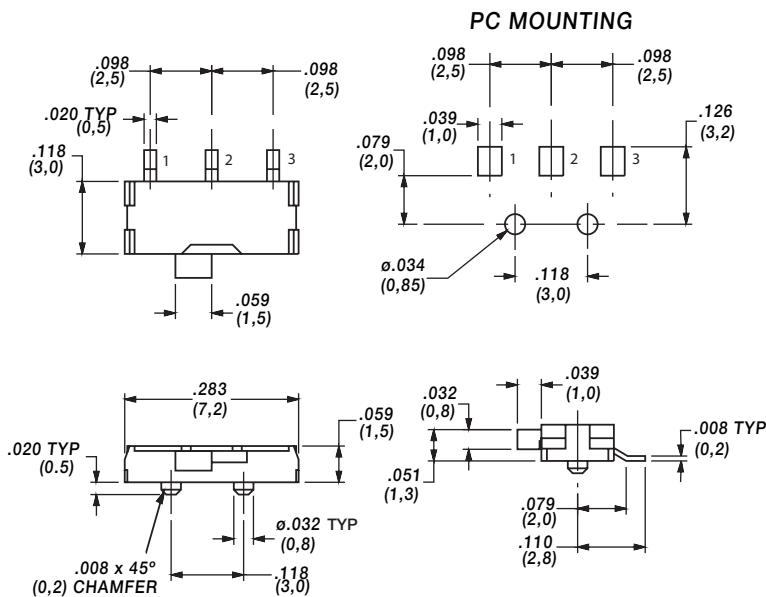
HOUSING: Glass filled PPS (UL 94V-0).
 ACTUATOR: Glass filled nylon 6/6 (UL 94V-0), except options ending in C which are glass filled nylon 4/6 (UL94V-0).
 COVER: Nickel silver.
 MOVABLE CONTACT: Copper alloy, silver plated.
 FIXED CONTACT: Brass, silver plated.
 CONTACT SPRING: Contact bronze.

NOTE: All models RoHS compliant. For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

How To Order

Complete part numbers for AYZ Series Miniature Slide Switches are shown on pages J-45 through J-47.



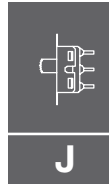
PART NUMBER	RoHS		SWITCH FUNCTION	
	Compliant	Compatible	POS.1	POS.2
AYZ0102AGRL	YES	NO	ON	ON
AYZ0102AGRLC	YES	YES	ON	ON
CONN. TERMINALS			1-2	2-3
SCHEMATIC				
SPDT				



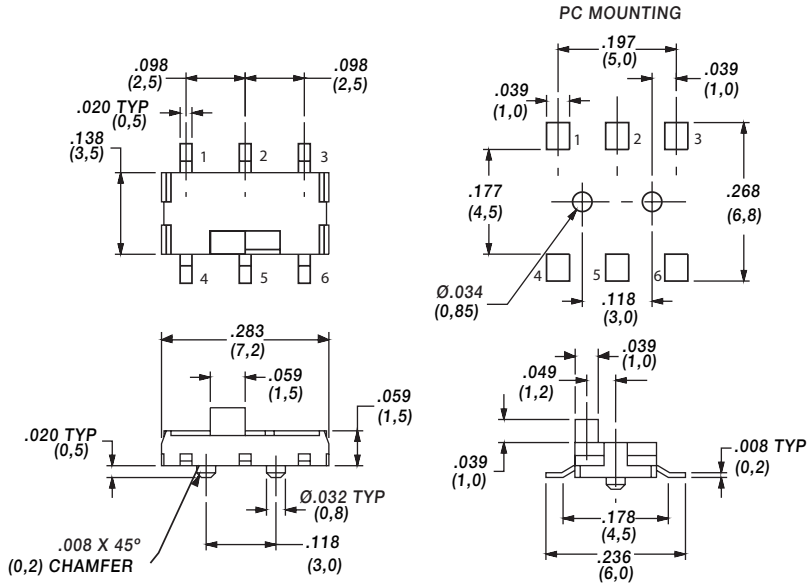
Dimensions are shown: Inch (mm)
 Specifications and dimensions subject to change



C&K AYZ Series Miniature Slide Switches

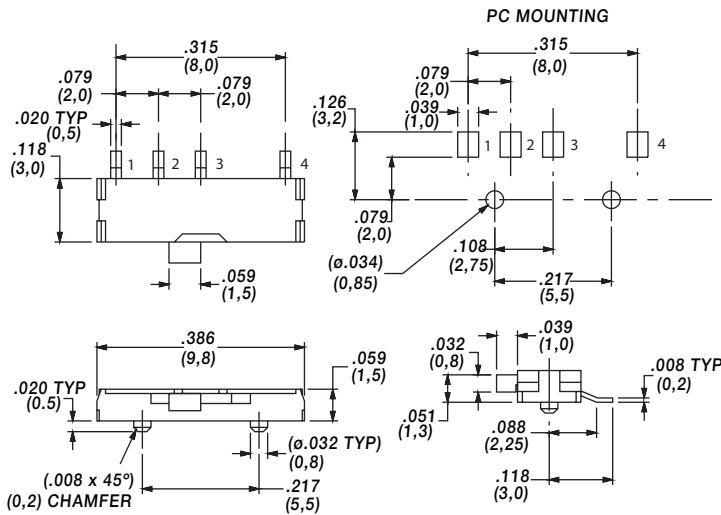


Slide



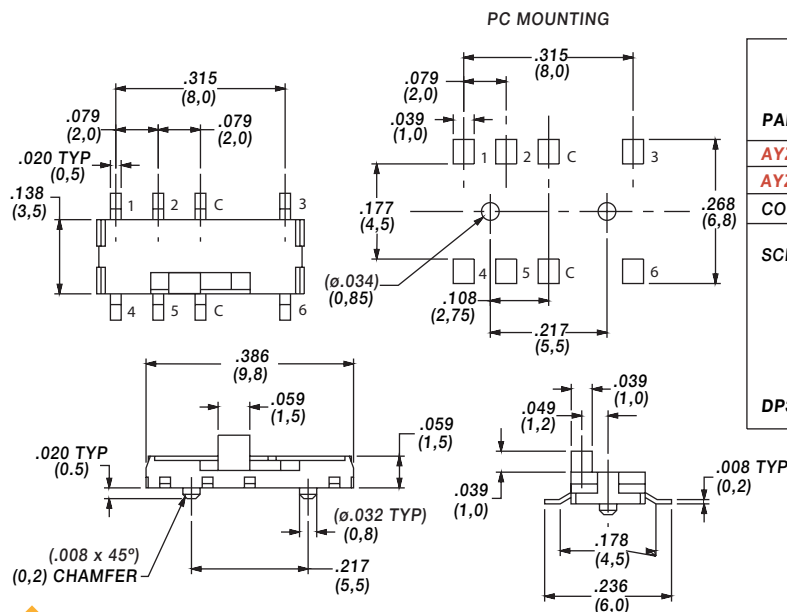
SWITCH SHOWN IN POSITION 1

PART NUMBER	RoHS Compliant	RoHS Compatible	SWITCH FUNCTION	
			POS.1	POS.2
AYZ0202AGRL	YES	NO	ON	ON
AYZ0202AGRLC	YES	YES	ON	ON
CONN. TERMINALS			1-2,4-5	2-3,5-6
SCHEMATIC				
DPDT				



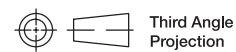
SWITCH SHOWN IN POSITION 1

PART NUMBER	ROHS Compliant	ROHS Compatible	SWITCH FUNCTION		
			POS.1	POS.2	POS.3
AYZ0103AGRL	YES	NO	ON	ON	ON
AYZ0103AGRLC	YES	YES	ON	ON	ON
CONN. TERMINALS			1-2	2-3	3-4
SCHEMATIC					
SP3T					



SWITCH SHOWN IN POSITION 1

PART NUMBER	ROHS Compliant	ROHS Compatible	SWITCH FUNCTION		
			POS.1	POS.2	POS.3
AYZ0203AGRL	YES	NO	ON	ON	ON
AYZ0203AGRLC	YES	YES	ON	ON	ON
CONN. TERMINALS			1-C,4-C	2-C,5-C	3-C,6-C
SCHEMATIC					
DP3T					

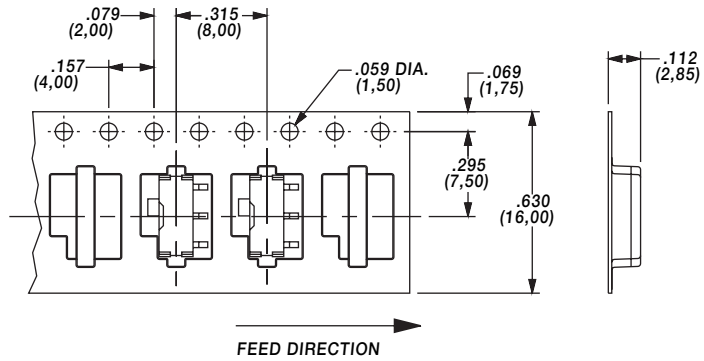


Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

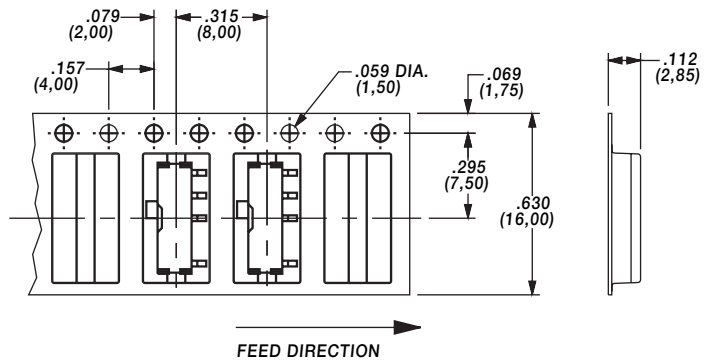
C&K AYZ Series Miniature Slide Switches

TAPE & REEL

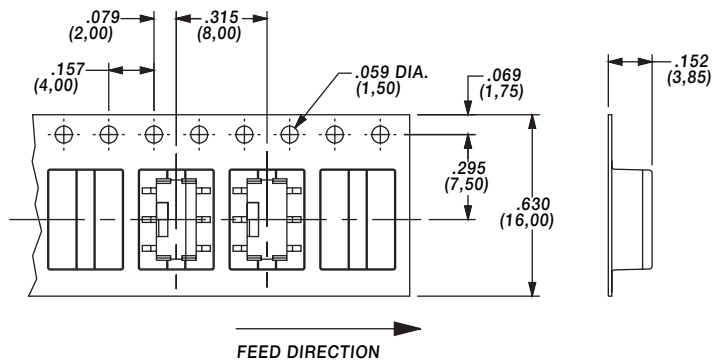
For part numbers AYZ0102AGRL + AYZ0102AGRLC



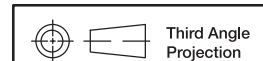
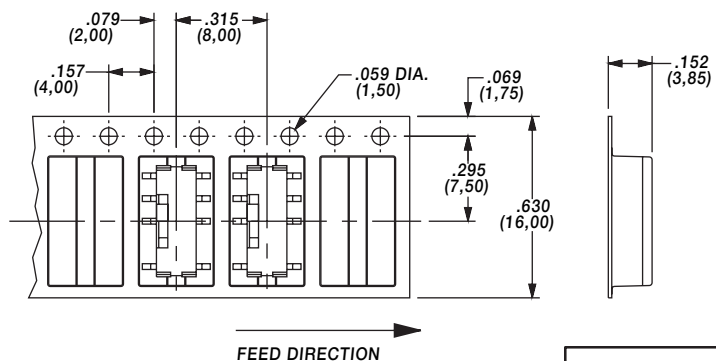
For part numbers AYZ0103AGRL + AYZ0103AGRLC



For part numbers AYZ0202AGRL + AYZ0202AGRLC



For part numbers AYZ0203AGRL + AYZ0203AGRLC



Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change