

Slide



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

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

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

HOUSING: Glass filled nylon 4/6 (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.

How To Order

Complete part numbers for AYZ Series Miniature Slide Switches are shown on pages I-46 through I-48.

Figure 10 shows four orthographic views of a mechanical part with the following dimensions:

- Top View (Top-Left):**
 - Overall width: .098 (2,5)
 - Slot 1 width: .020 TYP (0,5)
 - Slot 2 width: .020 TYP (0,5)
 - Slot 3 width: .020 TYP (0,5)
 - Slot 1 depth: .118 (3,0)
 - Slot 2 depth: .118 (3,0)
 - Slot 3 depth: .118 (3,0)
 - Slot 1 center-to-center distance: .098 (2,5)
 - Slot 2 center-to-center distance: .098 (2,5)
 - Slot 3 center-to-center distance: .098 (2,5)
 - Slot 1 to center distance: .059 (1,5)
- Front View (Top-Right):**
 - Overall width: .098 (2,5)
 - Slot 1 width: .039 (1,0)
 - Slot 2 width: .039 (1,0)
 - Slot 3 width: .039 (1,0)
 - Slot 1 depth: .079 (2,0)
 - Slot 2 depth: .079 (2,0)
 - Slot 3 depth: .079 (2,0)
 - Slot 1 center-to-center distance: .098 (2,5)
 - Slot 2 center-to-center distance: .098 (2,5)
 - Slot 3 center-to-center distance: .098 (2,5)
 - Slot 1 to center distance: .059 (1,5)
- Left Side View (Bottom-Left):**
 - Overall width: .283 (7,2)
 - Slot 1 width: .020 TYP (0,5)
 - Slot 2 width: .020 TYP (0,5)
 - Slot 3 width: .020 TYP (0,5)
 - Slot 1 depth: .118 (3,0)
 - Slot 2 depth: .118 (3,0)
 - Slot 3 depth: .118 (3,0)
 - Slot 1 center-to-center distance: .098 (2,5)
 - Slot 2 center-to-center distance: .098 (2,5)
 - Slot 3 center-to-center distance: .098 (2,5)
 - Slot 1 to center distance: .059 (1,5)
- Right Side View (Bottom-Right):**
 - Overall width: .039 (1,0)
 - Slot 1 width: .032 (0,8)
 - Slot 2 width: .032 (0,8)
 - Slot 3 width: .032 (0,8)
 - Slot 1 depth: .051 (1,3)
 - Slot 2 depth: .051 (1,3)
 - Slot 3 depth: .051 (1,3)
 - Slot 1 center-to-center distance: .098 (2,5)
 - Slot 2 center-to-center distance: .098 (2,5)
 - Slot 3 center-to-center distance: .098 (2,5)
 - Slot 1 to center distance: .059 (1,5)

SWITCH SHOWN IN POSITION 1

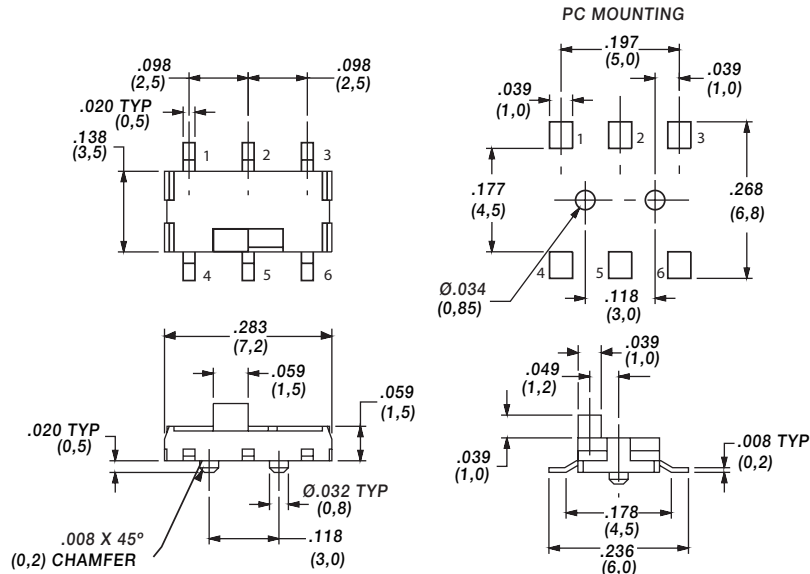
PART NUMBER			SWITCH FUNCTION	
			POS.1	POS.2
	RoHS Compliant	RoHS Compatible		
AYZ0102AGRLC	YES	YES	ON	ON
CONN. TERMINALS			1-2	2-3
SCHEMATIC				
① ② ③ 				
SPDT				

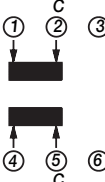


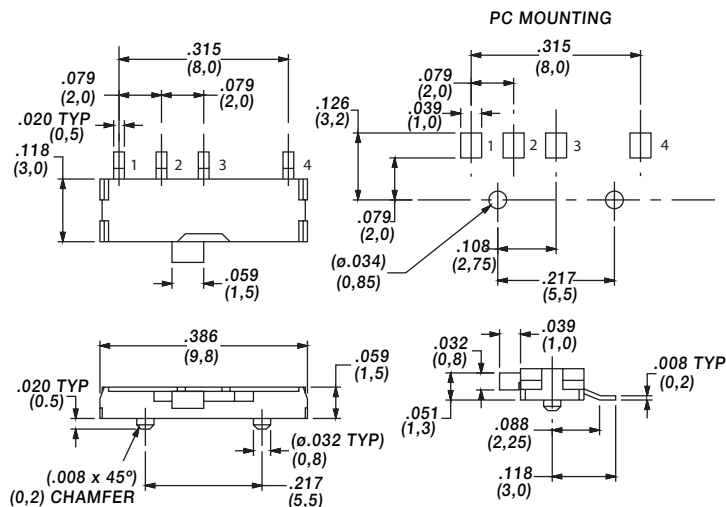
Dimensions are shown: Inch (mm)

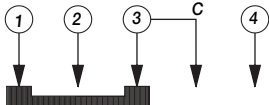
Specifications and dimensions subject to change

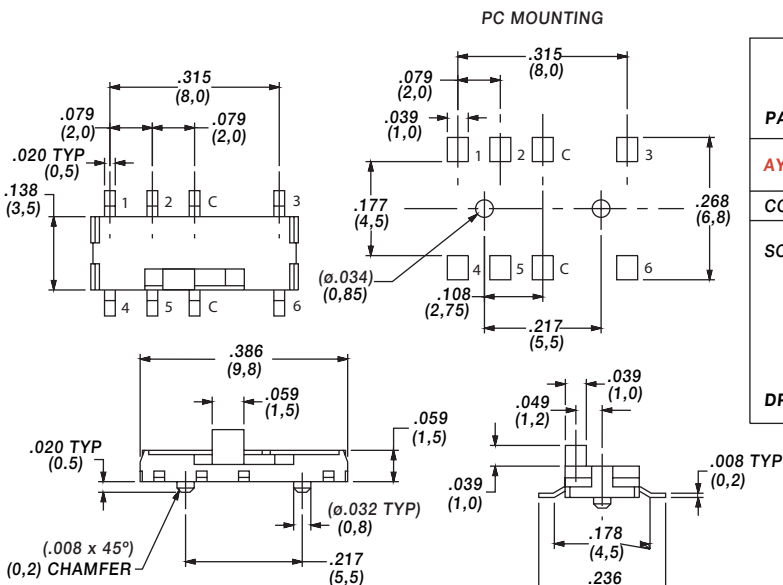
AYZ Series Miniature Slide Switches

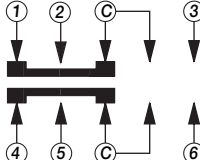


PART NUMBER			SWITCH FUNCTION	
	RoHS Compliant	RoHS Compatible	POS.1	POS.2
AYZ0202AGRLC	YES	YES		
CONN. TERMINALS			1-2,4-5	2-3,5-6
SCHEMATIC				
DPDT				



PART NUMBER	ROHS Compliant	ROHS Compatible	SWITCH FUNCTION		
			POS.1	POS.2	POS.3
AYZ0103AGRLC	YES	YES			
CONN. TERMINALS			1-3	2-C	3-4
SCHEMATIC					
					
SP3T					



PART NUMBER	ROHS Compliant	ROHS Compatible	SWITCH FUNCTION		
			POS.1	POS.2	POS.3
					
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: Inches (mm)
Specifications and dimensions subject to change

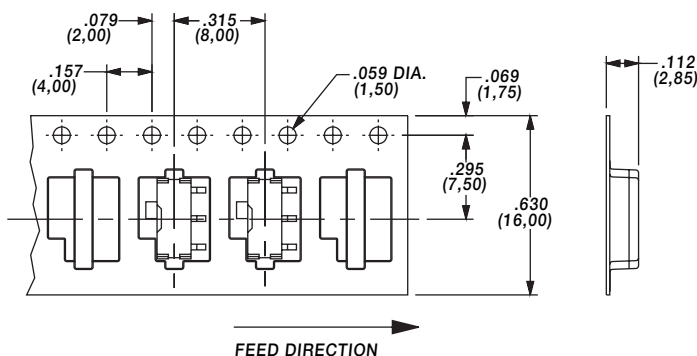
www.ck-components.com

AYZ Series Miniature Slide Switches

TAPE & REEL

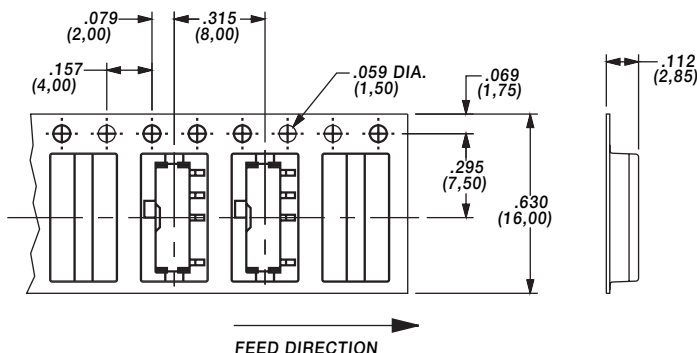
For part number AYZ0102AGRLC

Quantity per reel 4000



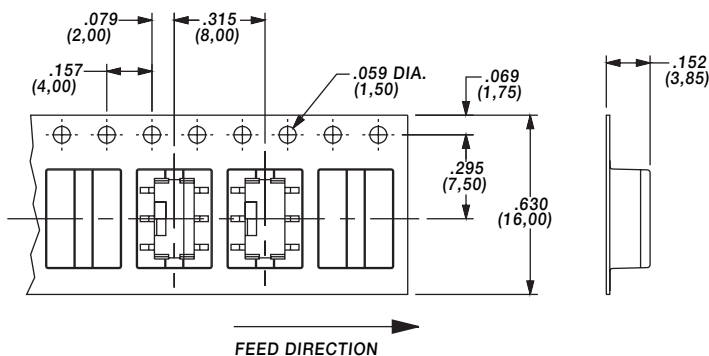
For part number AYZ0103AGRLC

Quantity per reel 4000



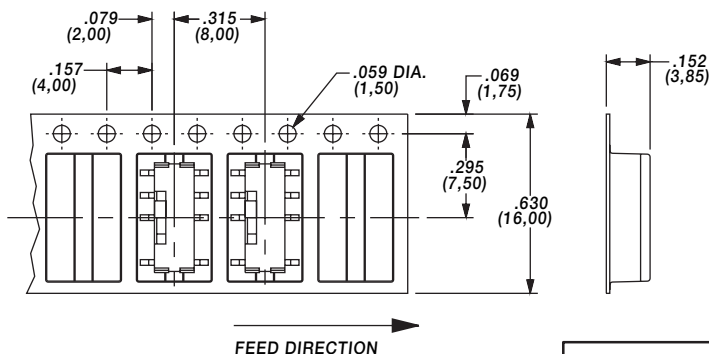
For part number AYZ0202AGRLC

Quantity per reel 3000



For part number AYZ0203AGRLC

Quantity per reel 3000



Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[AYZ0202AGRLC](#) [AYZ0203AGRLC](#) [AYZ0102AGRLC](#)