

# 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



Slide

## 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: >10<sup>8</sup>Ω  
 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

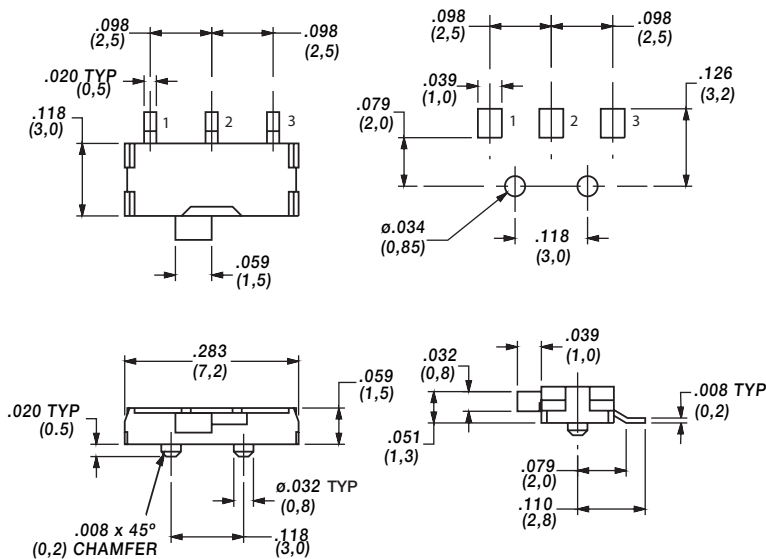
HOUSING: Glass filled PPS (UL 94V-0).  
 ACTUATOR: Glass filled nylon 6/6 (UL 94V-0), except options ending in C which are glass filled nylon 4/6 (UL94V-0).  
 COVER: Nickel silver.  
 MOVABLE CONTACT: Copper alloy, silver plated.  
 FIXED CONTACT: Brass, silver plated.  
 CONTACT SPRING: Contact bronze.

**NOTE:** 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-46 through J-48.

### PC MOUNTING



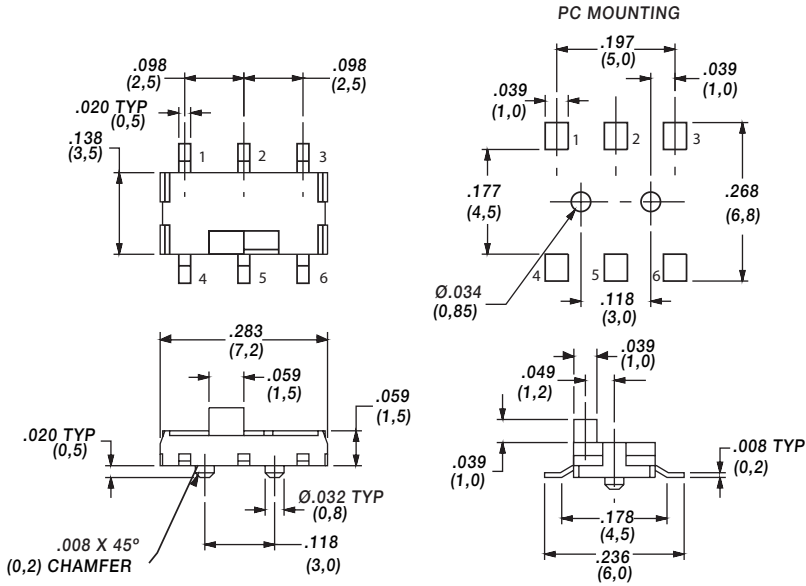
SWITCH SHOWN IN POSITION 1

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				



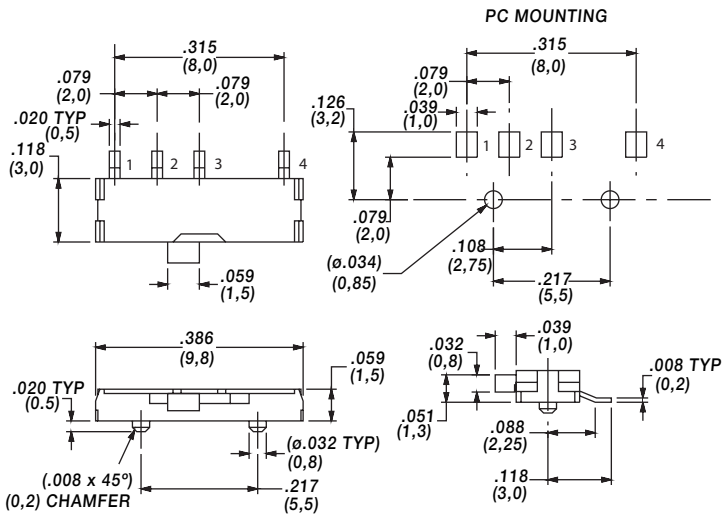
Dimensions are shown: Inch (mm)  
 Specifications and dimensions subject to change

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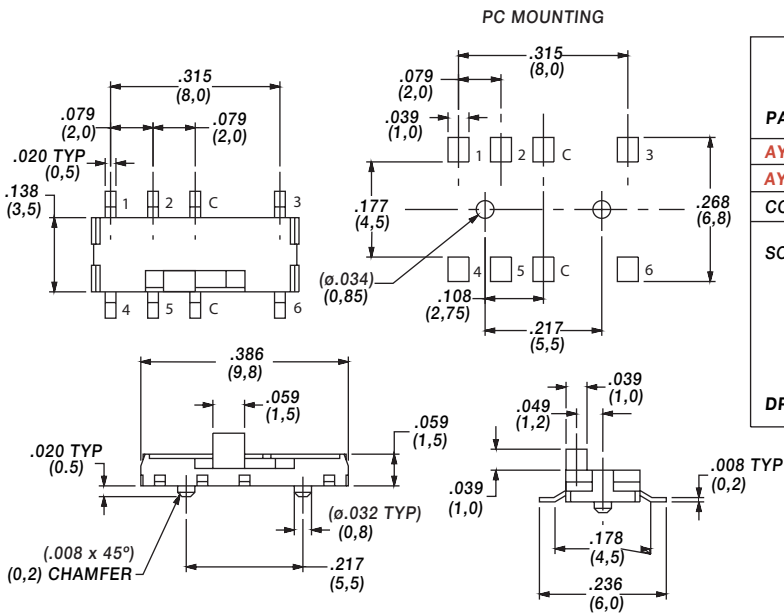
SWITCH SHOWN IN POSITION 1

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



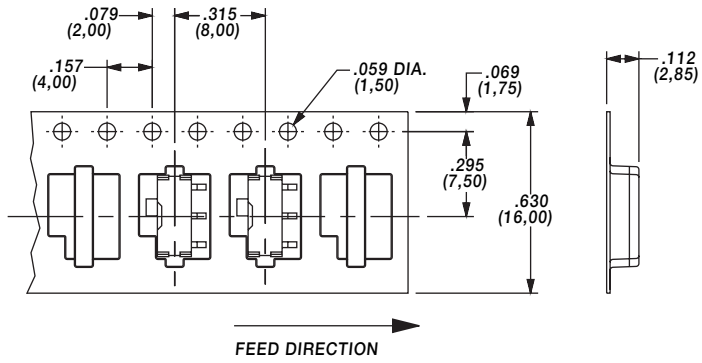
Slide

# AYZ Series Miniature Slide Switches

## TAPE & REEL

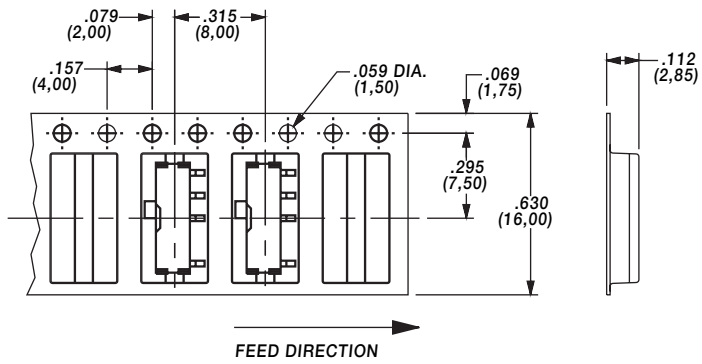
For part numbers AYZ0102AGRL + AYZ0102AGRLC

Quantity per reel 4000



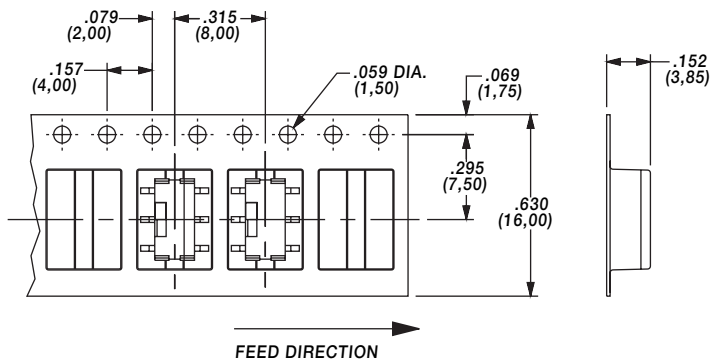
For part numbers AYZ0103AGRL + AYZ0103AGRLC

Quantity per reel 4000



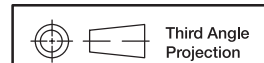
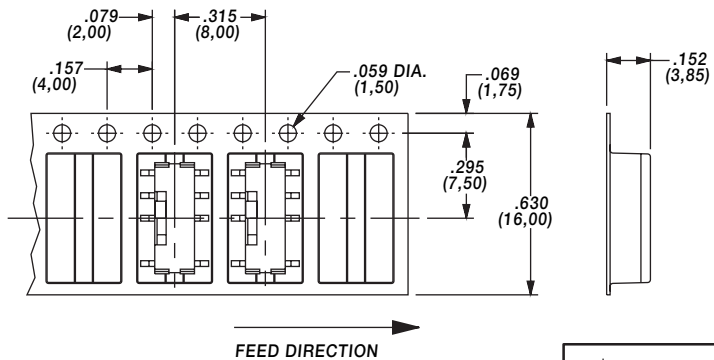
For part numbers AYZ0202AGRL + AYZ0202AGRLC

Quantity per reel 3000



For part numbers AYZ0203AGRL + AYZ0203AGRLC

Quantity per reel 3000



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



Slide