

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: >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

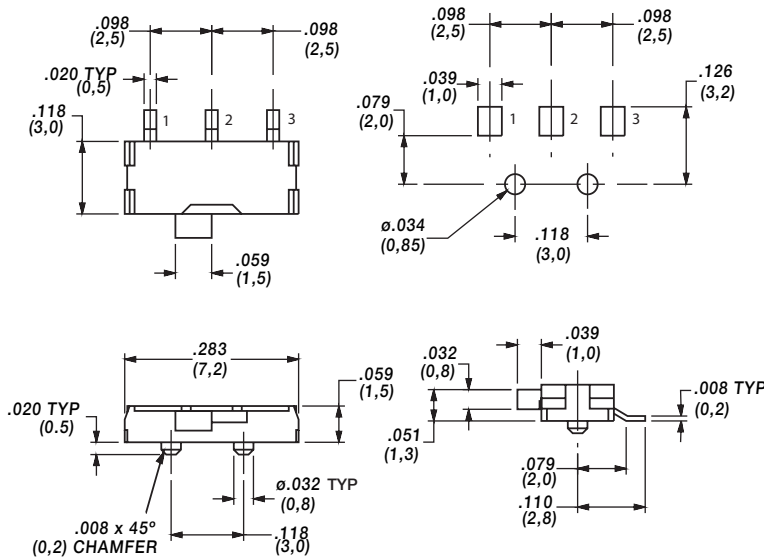
HOUSING: Glass filled PPS (UL 94V-0).
 ACTUATOR: Glass filled nylon 6/6 (UL 94V-0), except options ending in C which are glass filled nylon 4/6 (UL94V-0).
 COVER: Nickel silver.
 MOVABLE CONTACT: Copper alloy, silver plated.
 FIXED CONTACT: Brass, silver plated.
 CONTACT SPRING: Contact bronze.

NOTE: 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

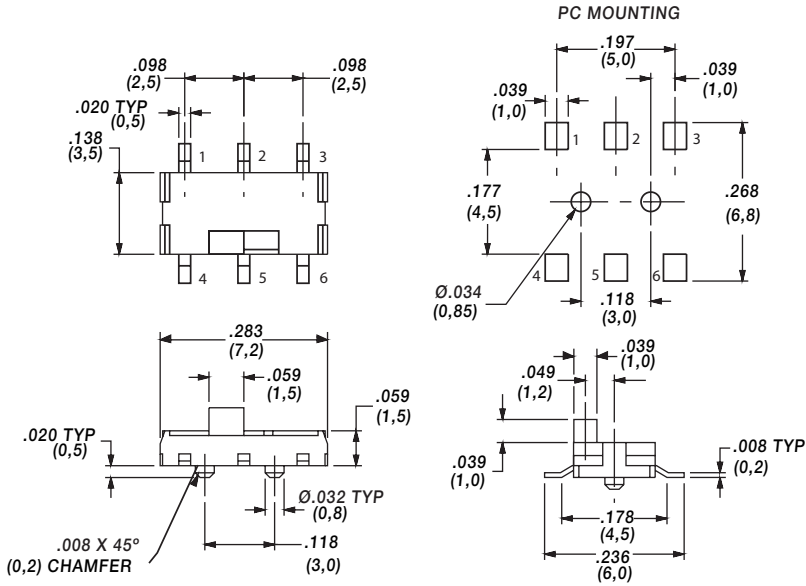
PART NUMBER	RoHS		SWITCH FUNCTION	
	Compliant	Compatible	POS.1	POS.2
AYZ0102AGRL	YES	NO	ON	ON
AYZ0102AGRLC	YES	YES	ON	ON
CONN. TERMINALS			1-2	2-3
SCHEMATIC				
SPDT				



Third Angle Projection

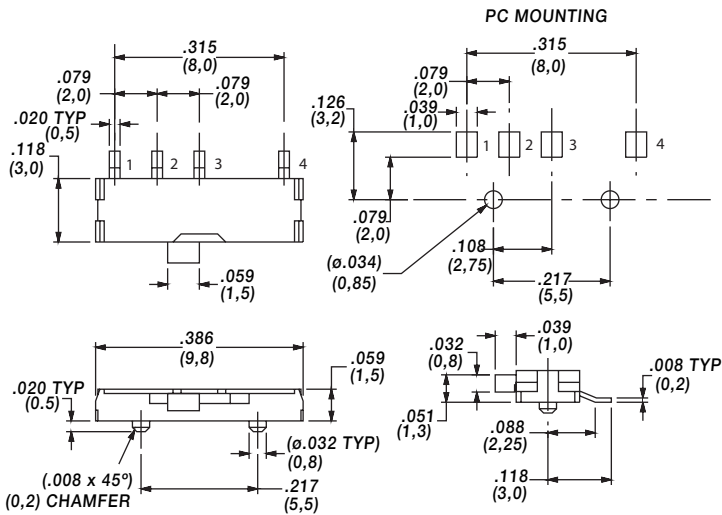
Dimensions are shown: Inch (mm)
 Specifications and dimensions subject to change

AYZ Series Miniature Slide Switches



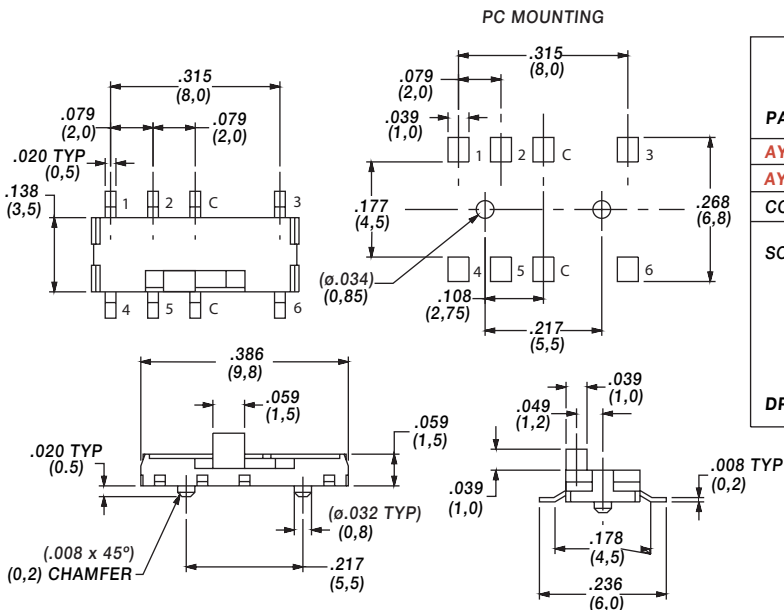
SWITCH SHOWN IN POSITION 1

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					



Third Angle Projection

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



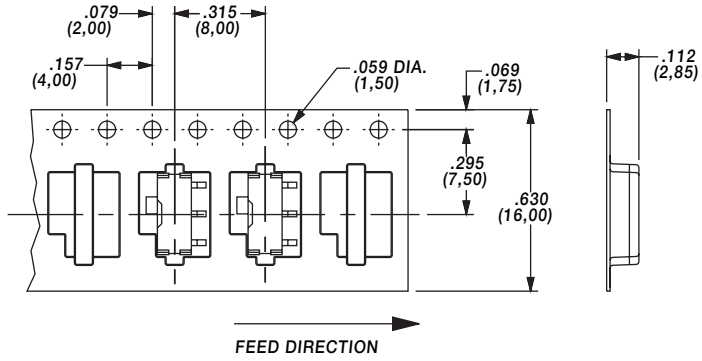
Slide

AYZ Series Miniature Slide Switches

TAPE & REEL

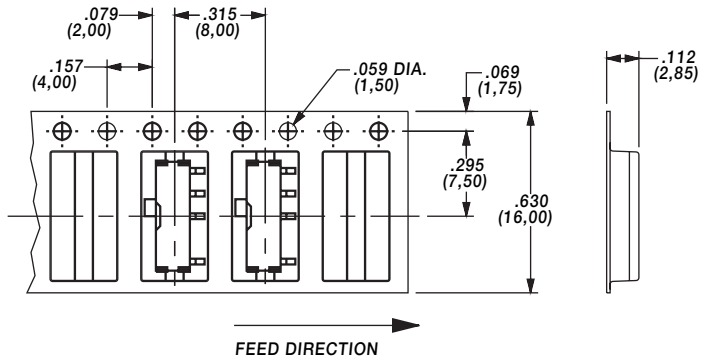
For part numbers AYZ0102AGRL + AYZ0102AGRLC

Quantity per reel 4000



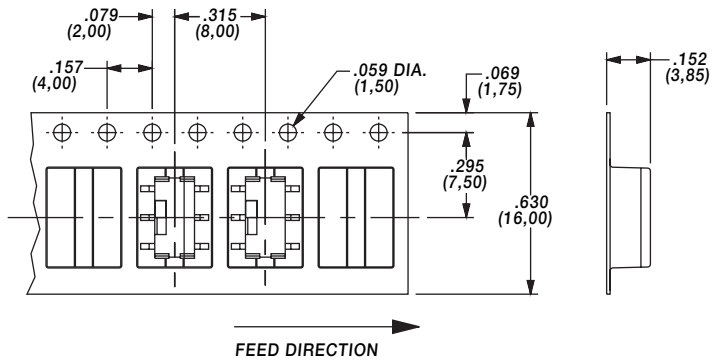
For part numbers AYZ0103AGRL + AYZ0103AGRLC

Quantity per reel 4000



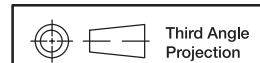
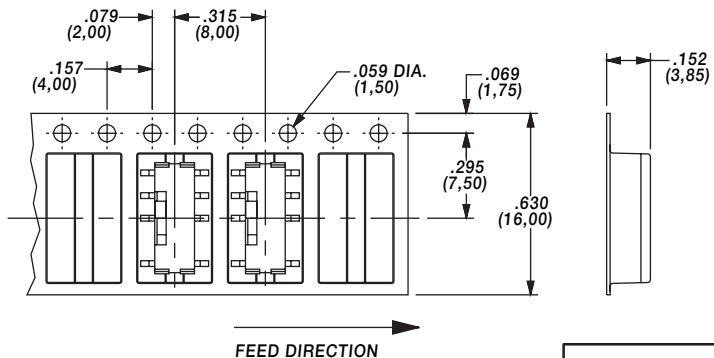
For part numbers AYZ0202AGRL + AYZ0202AGRLC

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