

AYZ Series

Miniature Slide Switches



Features/Benefits

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

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: <80m Ω
INSULATION RESISTANCE: >10 $^8\Omega$
DIELECTRIC STRENGTH: 0.1 kV at 50 Hz/1 min.
OPERATING TEMPERATURE: -10°C to +60°C
PACKAGING: Tape & reel, see page I-47.

Materials

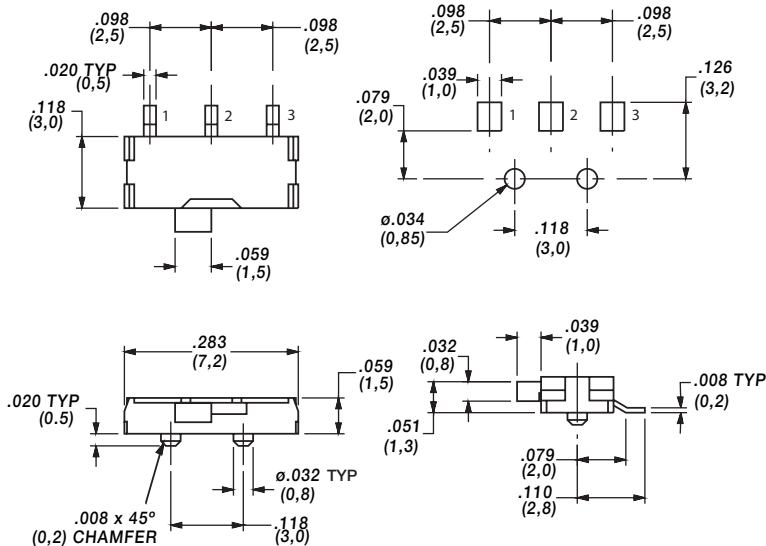
HOUSING: Glass filled nylon 4/6 (UL 94V-0).
ACTUATOR: Glass filled nylon 6/6 (UL 94V-0), except options ending in C which are glass filled nylon 4/6 (UL94V-0).
COVER: Nickel silver.
MOVABLE CONTACT: Copper alloy, silver plated.
FIXED CONTACT: Brass, silver plated.
CONTACT SPRING: Contact bronze.

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 I-46 through I-48.

PC MOUNTING



SWITCH SHOWN IN POSITION 1

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



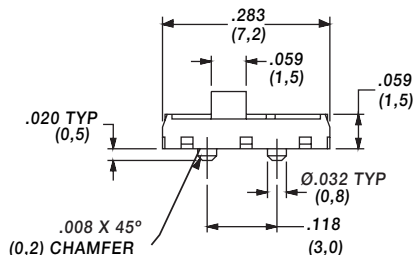
Dimensions are shown: Inch (mm)

Specifications and dimensions subject to change

Slide

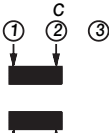


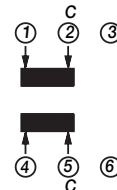
PC MOUNTING



Technical drawing of a mechanical part showing three views: front, top, and side. The front view shows a rectangular block with four vertical slots labeled 1, 2, 3, and 4. Dimensions include a total width of .315 (8,0) and a total height of .118 (3,0). The top view shows the same block from above, with dimensions for the slots and a central feature. The side view shows the profile of the block, with dimensions for the slots and a central feature. The drawing includes various tolerances and chamfer specifications.

[illegible]

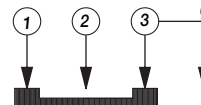
PART NUMBER		SWITCH FUNCTION		
		POS.1	POS.2	
	RoHS Compliant	RoHS Compatible		
AYZ0202AGRLC	YES	YES	ON	ON
CONN. TERMINALS			1-2,4-5	2-3,5-6
SCHEMATIC 				
DPDT				



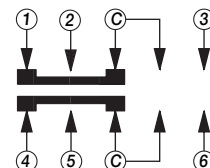
PART NUMBER			SWITCH FUNCTION		
	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
AYZ0103AGRLC	YES	YES	ON	ON	ON
CONN. TERMINALS			1-3	2-C	3-4

SCHEMATIC

SP3T



PART NUMBER			SWITCH FUNCTION		
	ROHS Compliant	ROHS Compatible	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					



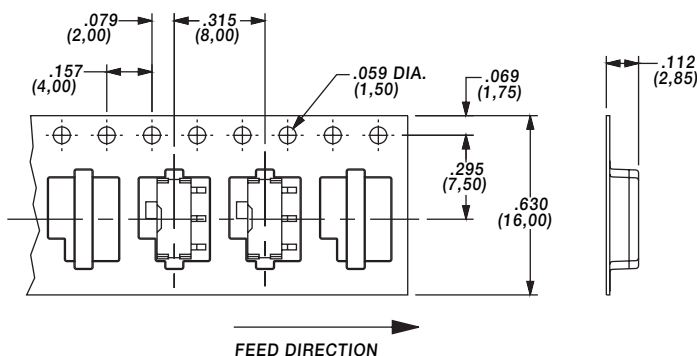
Specifications and dimensions subject to change

AYZ Series Miniature Slide Switches

TAPE & REEL

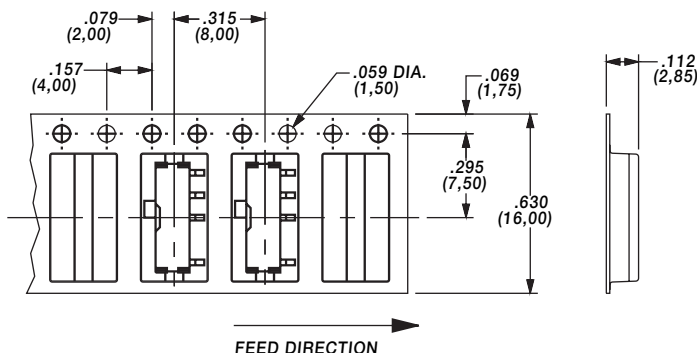
For part number AYZ0102AGRLC

Quantity per reel 4000



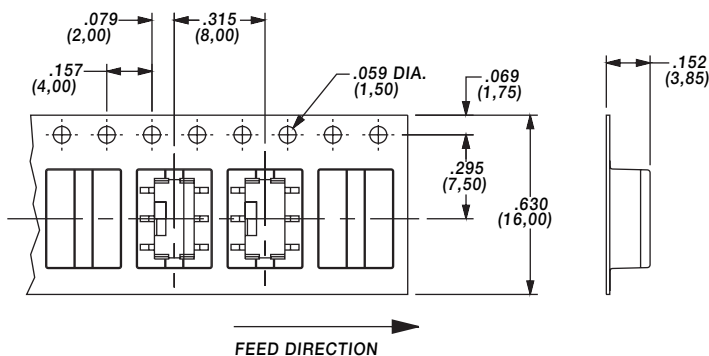
For part number AYZ0103AGRLC

Quantity per reel 4000



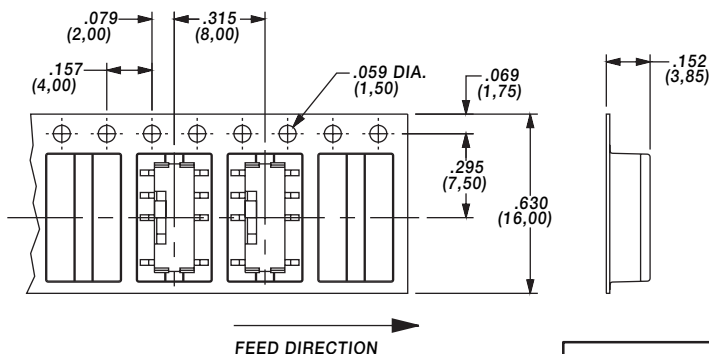
For part number AYZ0202AGRLC

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:

[AYZ0203AGRLC](#)