

P36 series

Low profile rotary code switches

Surface mount or through-hole

Outside the US and the UK, this series is sold as the CR36 series.



- ☐ 3 actuator types
- ☐ Save board space
- ☐ Highly reliable
- ☐ Solder and flux sealed, washable

P36				
SERIES	Mounting	Actuators	Codes	Terminals
	(none) Through-hole S Surface mount	1 Screwdriver 3 Spindle 8 Slotted spindle	01 BCD 02 BCD complement 03 Hexadecimal 06 Hexadec. complement	(none) Straight or SMT V Crimped L254 Right angle, spacing 2,54 (.100)

ELECTRICAL SPECIFICATIONS

- Operating voltage : 24 VDC max.
- Contact load, static : 400mA max.
- Contact load, dynamic : 100mA max.
- Initial contact resistance : 100 mΩ max.
- Insulation resistance : 100 MΩ min.

MECHANICAL AND THERMAL SPECS

- Torque : 0,7 Ncm min.
- Expected life : 10.000 cycles min.
- Operating temperature : -30°C to +90°C

MATERIALS

- Base : UL94-V0, high temperature thermoplastic
- Cover : stainless steel
- Actuator : PA 4.6 nylon
- Contacts : gold over nickel plated phosphor bronze
- Terminals : tin plated

SOLDER RECOMMENDATIONS

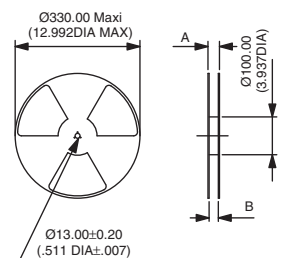
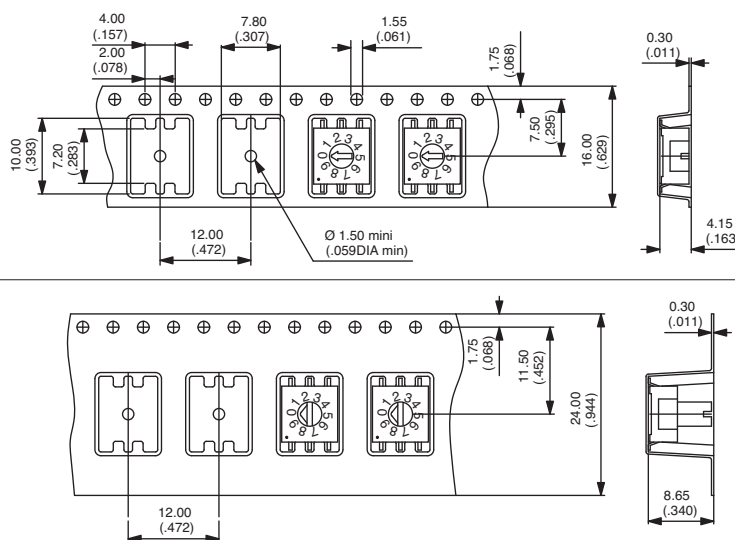
(DIN CEI 68-2-20)

- Manual soldering : 340°C max. for 2 seconds max.
- Wave soldering : 280°C max. for 5 seconds max.
- Reflow soldering : 260°C max. for 10 seconds max.

PACKAGING

P36S1..
1300 pieces per reel
(dim.A = 22,4 mm
dim B = 16,4 mm)

P36S3..
P36S8..
600 pieces per reel
(dim.A = 30,4 mm
dim B = 24,4 mm)



- Reels : see above. To order a SMT product with tape & reel packaging, add "TR" at the end of its part number.
- Tubes : 50 pieces (through-hole or SMT) per tube.

Dimensions : first dimensions are in mm while inches are shown as bracketed numbers.

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