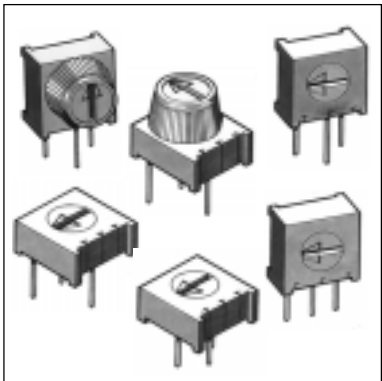


10mm square single turn

Key features



- stable high resolution cermet element •
- enclosure sealed •
- 0.5 watt rating at 70°C •
- vertical or horizontal adjustment •
- finger adjust versions available •
- approved to BT style 45 •
- flame retardant •
- pcb standoffs •

type 4295 series

These long established 10mm square, single turn potentiometers will meet a wide range of industrial and professional applications. Cermet element technology ensures stability and reliability. This PCB mounted package has easy top and side adjustments, as well as finger adjust styles. All components are sealed to withstand printed circuit board washing solvents.

Electrical

- Resistance Range: 10R to 2M
- Resistance Values: 1, 2, 5 in each decade
- Resistance Tolerance: ± 10%
- Slider Current: 100mA or within power rating, maximum
- Power Rating: 0.5W at 85°C derating to zero at 125°C
- Limiting Element Voltage: 300V DC or AC RMS maximum
- Insulation Resistance: 1000 M ohms minimum at 500 V DC
- Rotational Noise (CRV): 1 ohms or 1% whichever is greater
- Temperature Coefficient: ±100ppm/°C
- Electrical Adjustment: 280° nominal

Environmental

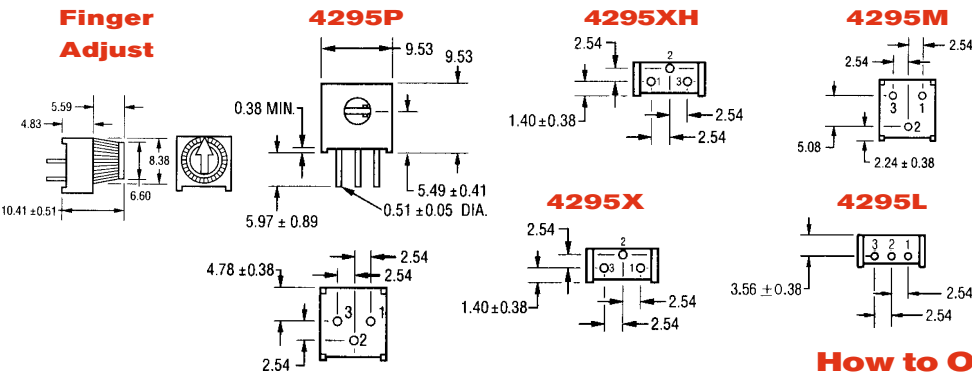
- Temperature Range: - 55°C to +125°C
- Rotational Life: 200 cycles minmum
- Load Life at 70°C: ΔR <3% after 1000 hours
- Sealing: Board Washing

Mechanical

- End Stop: 50mNm
- Starting Torque: 36mNm
- Mechanical Adjustment: 310° nominal

PCB Trimmers

Dimensions



How to Order

Common Part	Orientation	Resistance Value	Tolerance
4295	M - Top Adjust P - Top Adjust X - Side Adjust L - Side Adjust XH - Side Adjust (Rev) MF - Finger Adjust	The first two digits are significant figures of resistance value and the third one denotes the number of zeros following  Example 1K :102 10K :103 100K :104	K - ±10%

Please Request Full Data Sheet F0252