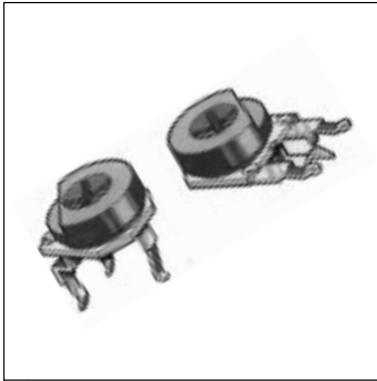


10mm square single turn

Key features



- stable high resolution cermet element
- rugged construction
- pcb standoffs
- wide value range
- 0.5 watt power rating
- high reliability
- dust and splashproof
- auto adjust head available

type 409 series

The 409 series offers typical Meggitt Electronic features, the stability of a cermet resistive element, and an attractive price.

The range satisfies many applications in industrial and professional product.

Components are available with top, underside, side,

finger, auto and skeleton adjustments. The 409 is widely used in power supplies, telecommunications, medical instrumentation and the automotive industry.

Specification

Electrical

Resistance Range:	100R to 1M (Linear)
Resistance Values:	1, 2, 5 in each decade
Resistance Tolerance:	± 20%
End Resistance:	2% Nominal
Wiper Current:	50mA maximum
Power Rating:	0.5W at 70°C derating to zero at 100°C
Limiting Element Voltage:	200V DC or AC RMS maximum
Rotational Noise (CRV):	3% maximum
Temperature Coefficient:	±250ppm/°C

Mechanical

End Stop:	50 mNm minimum
Starting Torque:	3 mNm
Mechanical Adjustment:	200° nominal
Operational Life:	100 turns

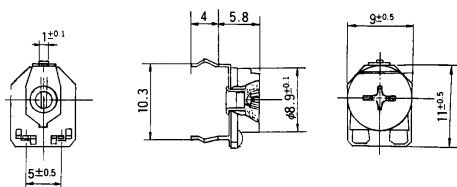
Environmental

Temperature Range:	- 20°C to + 100°C
Load Life at 70°C:	ΔR < 5% after 1000 hours
Sealing:	Dust Proof
Climatic Category:	25/100/21

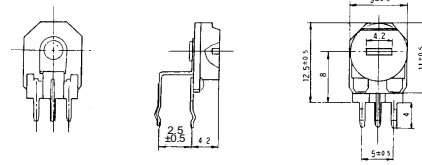
PCB Trimmers

Dimensions

409H



409V



How to Order

Common Part	Adjustment Style	Head Style	Resistance Value		Tolerance
409	H - Top/Bottom Adjust V - Side Adjust	A - Phillips Slot R - Auto Adjust S - Finger Adjust T - Minus Slot X - Skeleton Style	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	M - ±20%

Please Request Full Data Sheet F0260