

Key Features

- Stable High Resolution Cermet Element
- Rugged Construction
- **PCB Standoffs**
- **Wide Value Range**
- 0.5 Watt Power Rating
- **■** High Reliability
- **■** Dust and Splash Proof
- Auto Adjust Head Available

Type 409 Series



The 409 series offers typical TE Connectivity (TE) features, the stability of a cermet resistive element, and an attractive price. The range satisfies many applications in industrial and professional equipment. 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.

Characteristics - 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

Characteristics - Mechanical

End Stop:	50 mNm minimum
Starting Torque:	30 mNm maximum
Mechanical Adjustment:	260° nominal
Operational Life:	100 turns

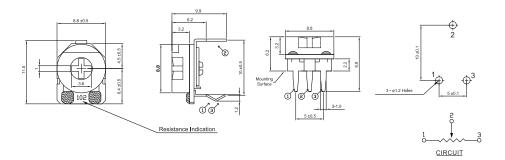
Characteristics - Environmental

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

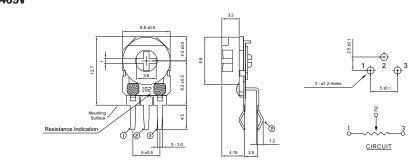


Type 409 Series

Dimensions 409H



409V



How to Order 409 104 M **Head Style Common Part** Adjustment Style **Resistance Value Tolerance** The first two digits A - Phillips Slot H - Top / Bottom are significant Adjust figures of resistance 409 R - Auto Adjust M - -20% value and the third V - Side Adjust denotes the number S - Finger Adjust of zeros following. T - Minus Slot e.g. 100R: 101 1K0: 102 X - Skeleton 10K: 103

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Trimmer Resistors - Through Hole category:

Click to view products by TE Connectivity manufacturer:

Other Similar products are found below:

64W205 M63M103KB40 M63X104KB40 76PR500K 79PR5K PT15NV24-103A2020 CT6P-103 CB10MV473ME 4270W105K
56PR2MEG 82PR2KLFTB 62MR100 72XWR20K 9702-2SL-1 89PHR10K 78SR5K CT15NV15103M 78SBWR1K 343P10 PT15NH02104A2020-S VG039NSNXTB103 PTC15NH05-103A2020 PTC15NV02-104A2020 PTC15LV02-103A2020 PT15GV02-27402 3292W-1201M 3362F-1-205LF 3362X-1-272LF 3386H-EY5-202LF 3059Y-1-200LF 3386X-DF6-503LF 3260W-1-500 3329S-1-204LF PT10MV10203A2020-S PT15NV02-503A2020-E-S PTC10MV10-472A0505 PV36W103C01B00 CN-15.1-100K CN-15.1-22K CN-15.2-10K CN-15.2470R R0141-2-100K R0141-2-10K R0141-2-1K R0141-2-20K R0141-2-5K 1028F-500K R16148-1A-1-A22K R16148-1A-1-A2K2
R16148-1A-1-B1K