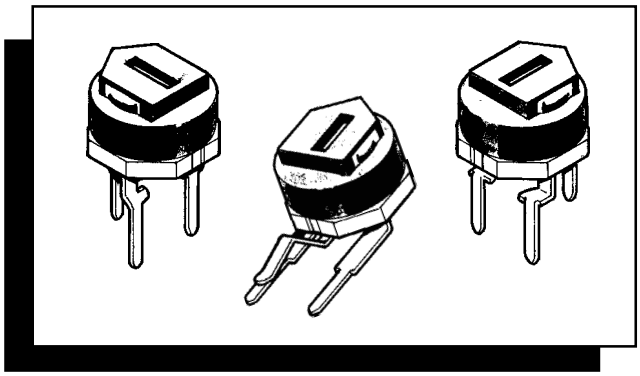
MEGGITT CITEC

POTENTIOMETERS
INDUCTORS, SMDS
SWITCHES, NETWORKS
ENCODERS
POWER COMPONENTS

Economy Trimmers

TYPE 406 SERIES



Meggitt Citec specification in cermet element technology gives this small single turn trimmer stability and reliability.
For use in industrial and professional equipment applications, this component offers durability and quality performance and is available with top or side adjustment, and various pin outs.
The 406 Series is being increasingly used as replacements to the larger more expensive, 10mm sealed series in modern applications. This trimmer is widely used in the power supply and telecommunications industries.

MEGGITT CITEC KEY FEATURES

- **CHOICE OF MOUNTING CONFIGURATIONS**
- **STABLE HIGH RESOLUTION CERMET ELEMENT**
- **SPACE-SAVING DEVICE**
- **0.3 WATT RATING AT 70°C**
- **VERTICAL OR HORIZONTAL ADJUSTMENT DESIGN**
- **LOW COST SOLUTION**
- **DUST AND SPLASH PROOF**
- **PCB STANDOFFS**
- **WIDELY AVAILABLE VIA DISTRIBUTION**

MEGGITT
ELECTRONIC
COMPONENTS

SALES ACTION DESK
TEL: (01793 611666)
FAX: (01793 511513)

SPECIFICATION TYPE 406 SERIES

ELECTRICAL

Resistance Range:	50R to 2M
Resistance Values:	1, 2, and 5 in each decade, (2.2 and 4.7 also available)
Resistance Tolerance:	± 20%
End Resistance:	1% nominal
Slider Current:	50 mA
Power Rating:	0.3 Watts at 70°C derating to zero at 100°C
Limiting Element Voltage:	100V DC or as RMS, maximum
Resolution:	Essentially infinite
Rotational Noise (CRV):	5% maximum
Temperature Coefficient:	± 200 ppm/°C

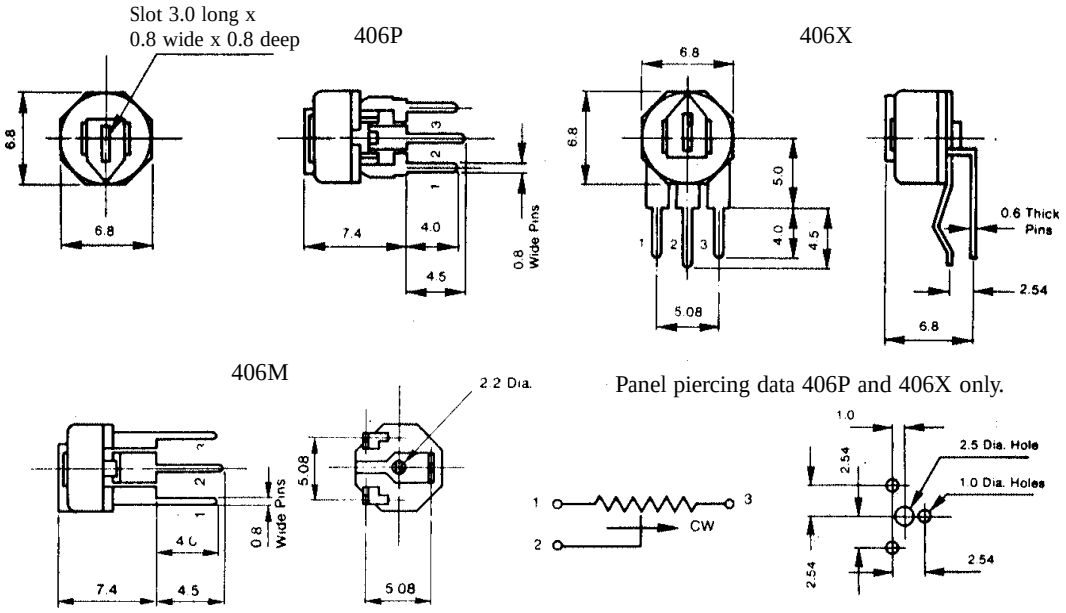
MECHANICAL

End Stop:	30 mNm minimum
Starting Torque:	25 mNm maximum
Mechanical Adjustment:	200° nominal
Weight:	0.5 grams, maximum

ENVIRONMENTAL

Temperature Range:	-25°C to +100°C
Temperature Storage:	1000 hours at 100°C
Bump Severity:	4000 bumps; 40G
Vibration Severity:	10 - 55 Hz; 10G
Rotational Life:	200 cycles
Load Life at 70°C:	ΔR ± 4% after 1000 hours
Sealing:	Dust proof
Climatic Category:	25/100/21.

DIMENSIONS



All Dimensions are nominal and in mm. Unless otherwise Stated. Do Not Scale.

HOW TO ORDER

406	P	A	104		M
COMMON PART	ADJUSTMENT STYLE / CONFIGURATION	ADJUSTMENT HEAD	RESISTANCE VALUE		TOLERANCE
406	P - Top Adjust 2.5 mm x 5.0 mm pin out M - Top Adjust 5.0 mm x 5.0 mm pin out X - Side Adjust 2.5 mm x 5.0 mm	A - Minus Slot	The first two digits are significant figures of the resistance value. The third digit denotes the number of zeros following.	Example: 100R : 101 1K : 102 10K : 103 100K : 104	M - 20%

NB: Please state top or side adjustments on all orders

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