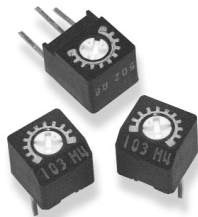


Type 4265 Series

Type 4265 Series



A tiny, fully sealed, professional single turn trimmer with a range of pin configurations. The 4265 is available with top or side adjustment and pin configurations that meet the majority of requirements.

The cermet element is very stable and has good setability. A high quality modern trimmer at a very attractive price. Of particular interest will be the 4265 LT and UT versions supplied on radial tape for automatic insertion.

Key Features

- High Resolution Stable Cermet Element
- Compact 6mm Size
- Fully Sealed Construction
- 0.5 Watt Rating at 70°C
- Flame Retardant
- P.C.B. Standoffs
- Robust Construction
- Vertical or Horizontal Adjustments
- Available on Tape

Characteristics - Electrical

Resistance Range:	10 ohms to 2M ohms
Resistance Values:	1, 2, and 5 in each decade
Resistance Tolerance:	± 20%
End Resistance:	3 ohms or 1% of total resistance
Slider Current:	50 mA or within power rating, Max.
Power Rating, Watts:	0.5 at 70°C derating to zero at 125°C
Dielectric Withstand:	500 V RMS for 1 minute
Max. Input Voltage:	200 V dc or ac RMS, Max.
Insulation Resistance:	1000 M Ohms (Min.) at 500 V dc
Resolution:	Essentially infinite
Rotational Noise (CRV):	3 ohm or 3%, whichever is greater
Electrical Adjustment:	220° Nominal

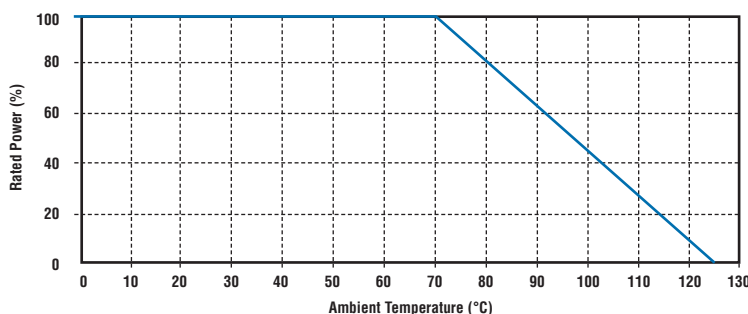
Characteristics - Mechanical

End Stop:	50 mNm minimum
Rotational Torque:	20 mNm maximum
Mechanical Adjustment:	250° nominal
Weight:	0.55 gram nominal
Solderability:	MIL Std 202 Method 208A

Characteristics - Environmental

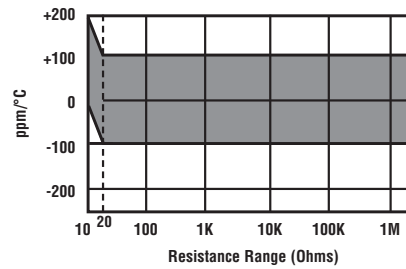
Temperature Range:	-55°C to +125°C
Temperature Storage:	250 Hours. at 125°C
Thermal Shock:	5 Cycles - 55°C to 125°C
Shock:	Medium Impact
Vibration Severity:	10-2000 -10Hz 20 minutes
Rotational Life:	100 Cycles minimum
Sealing:	Sealed for Board Washing (85°C Florinert)
Climatic Category:	55/125/21
Humidity:	MIL - Std - 202G Method 103 (96 hours)
Temperature Coefficient:	See graph over page

Derating Curve

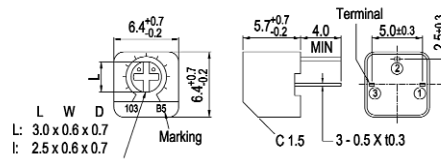


Type 4265 Series

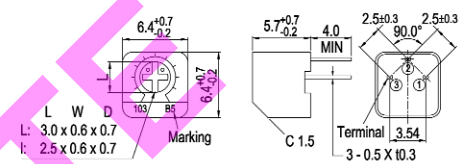
Temperature Coefficient



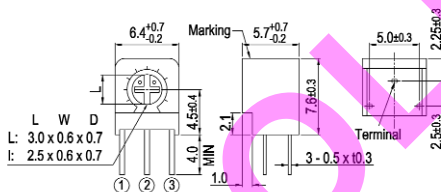
Dimensions
4265P



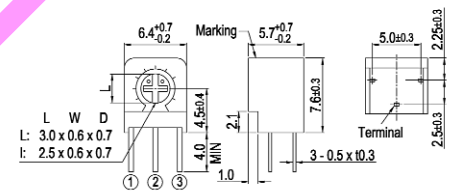
4265H



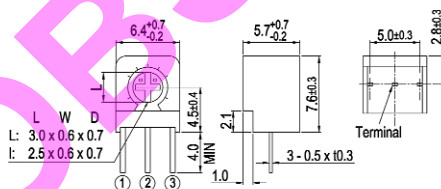
4265X



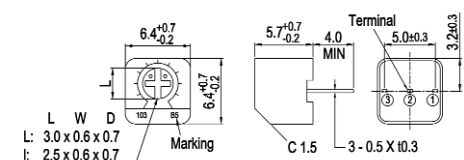
4265V



4265LT



4265UT



How to Order

4265	UT	502	M
Common Part	Pin Configuration	Resistance Value	Tolerance
4265	P - Top Adjust H - Top Adjust X - Side Adjust V - Side Adjust UT - Top Adjust (Taped) LT - Side Adjust (Taped)	The first two digits are significant figures of resistance value and the third denotes the number of zeros following. e.g. 1K: 102 5K: 502 100K: 104	M - ±20 %