



Technical Specification

Electrical Characteristics

Standard Resistance Range: 10Ω to 2,0MΩ
 Standard Resistance Tolerance: 10% is Standard
 Terminal Resistance: ≤2Ω
 Contact Resistance Variation: 3% or 30ohms max.
 Insulation Resistance: R1 ≥ 1000MΩ min.
 Dielectric Strength: 101,3KPa 600VAC 8,5KPa 250Vac
 Absolute Minimum Resistance: 1% or 2 Ohms max.
 Effektive Electrical Travel: 22 +/- 2 cycles
 Adjustability: Voltage +/- 0,05% Resistance +/-0,15%

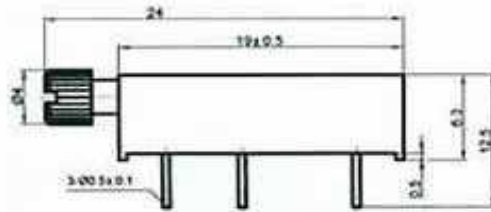
Environmental Characteristics

Power Rating: (200Volts max.)
 0,75Watt/ 70°C / 0Watt / 125°C
 Temperature Range: -55°C ~ +125°C
 Temperature Coefficient: +/-100ppm/°C
 Vibration: 98m/s² (1%Δ TR;1%Δ VR)
 Shock 390m/s² 4000 cycles (1%Δ TR;1%Δ VR)
 Climate Category: ΔR ≤+/- 3%R, R1≥10% R
 Electrical Endurance: 22+/-2cycles, ΔR≤+/-10%R
 Electrical Endurance at 70°C: 0,75W,1000h
 Collision: 10-500Hz, 0,75mm,or 98m/s²,6h

Physical Characteristics

Flammability: UL94V-0
 Torque: 30nM * m max.
 Terminals: Solderable Pins

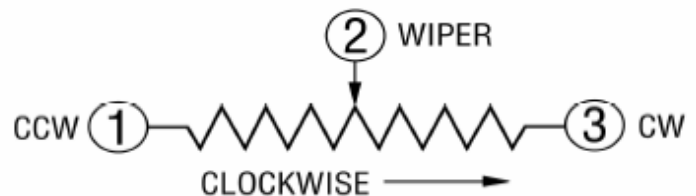
Technical Dimensions Type 3006P 4mm Knob



PCB Layout



Physical Structure



**19mm THT Multi-Turn
 Trimmer Type 3006PB**

Serie No.: **X19003**

Customer:

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	06.09.2009
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Range Code Table

Ordering Code	Range
100	10Ω
200	20Ω
500	50Ω
101	100Ω
201	200Ω
501	500Ω
102	1,0KΩ
202	2,0KΩ
502	5,0KΩ
103	10KΩ
203	20KΩ
253	25KΩ
503	50KΩ
104	100KΩ
204	200KΩ
254	250KΩ
504	500KΩ
105	1,0MΩ
205	2,0MΩ

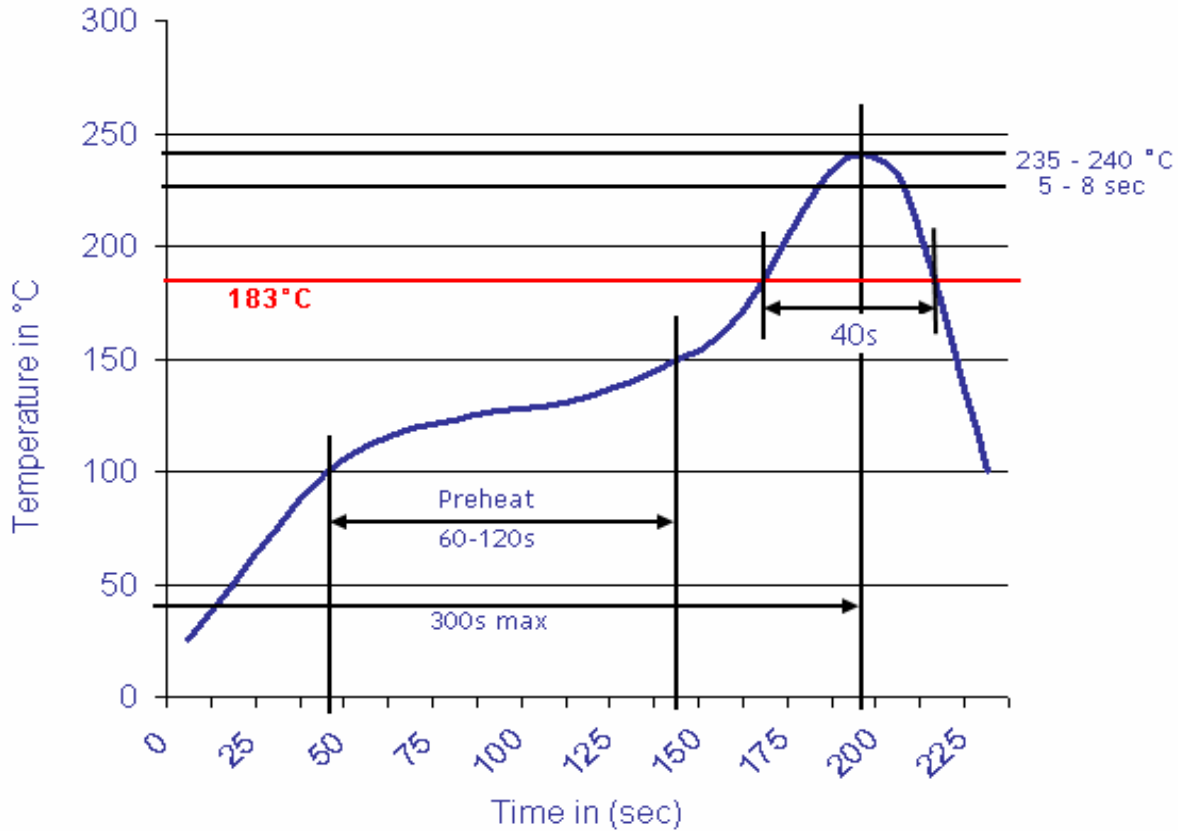
19mm THT Multi-Turn Trimmer Type 3006PB	
Serie No.:	X19003
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Soldering Profile

Classification Reflow Profile (JEDEC J-STD-020C)



Ordering Information

Serie	Ordering Code	Tolerance	ROHS	Packing		
X19003	100	M	R	BU101		

100= 10Ω	M= Tol. 20%	R= ROHS conform	BU101= Bulk-Ware 100PCS
	K= Tol. 10%	N=NON ROHS conform	TU= Tube Packing

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