



### 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 30hms 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%

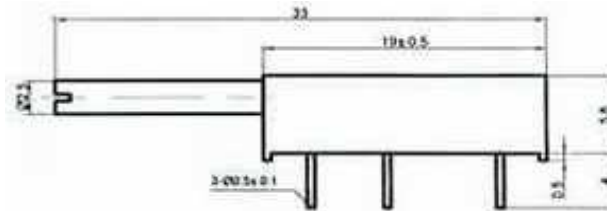
#### Environmental Characteristics

Power Rating: ( 200Volts max.)  
 0,75Watt/ 70°C / 0Watt / 125°C  
 Temperature Range: -55°C ~ +125°C  
 Temperature Coefficient: +/-100ppm/°C  
 Vibration: 98m/s<sup>2</sup> (1%Δ TR;1%Δ VR)  
 Shock 390m/s<sup>2</sup> 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/s<sup>2</sup>,6h

#### Physical Characteristics

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

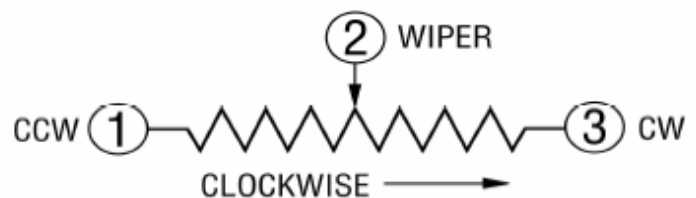
### Technical Dimensions Type 3006P Axle 14mm



#### PCB Layout



#### Physical Structure



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

Serie No.: **X19002**

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

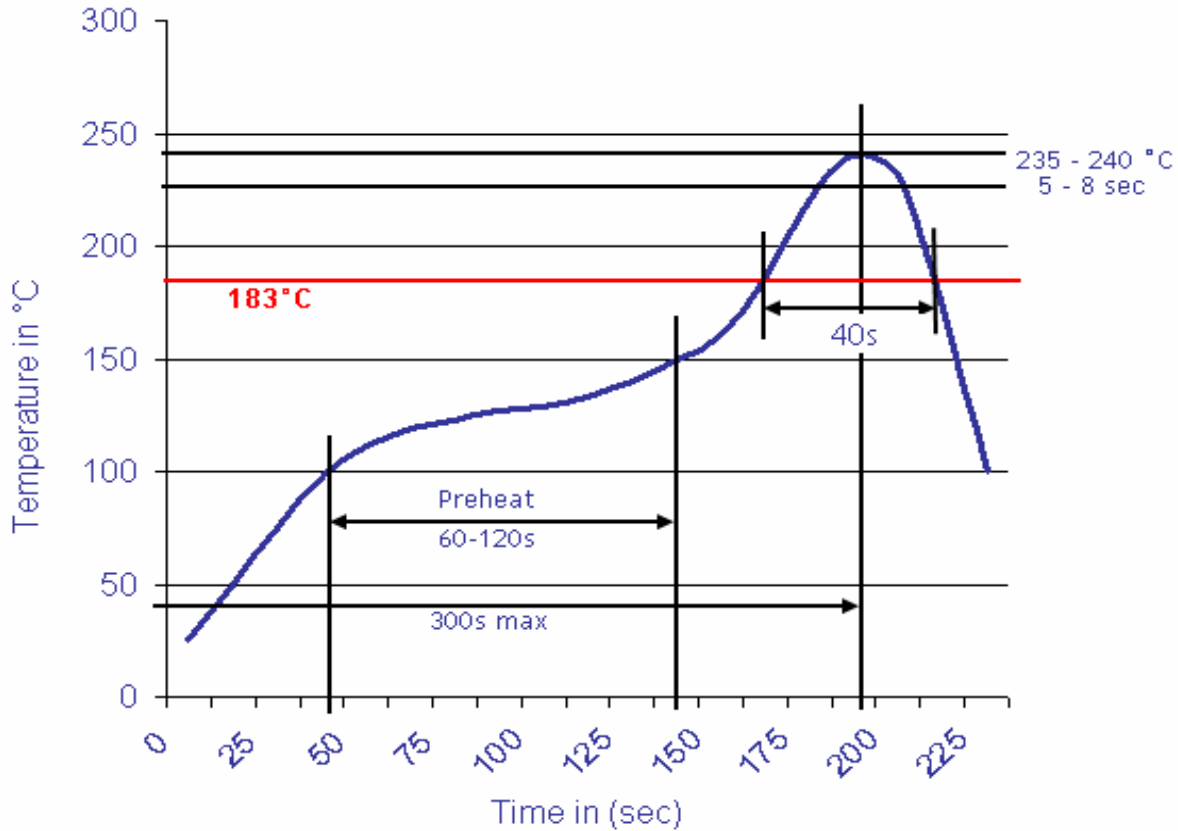
<b>19mm THT Multi-Turn Trimmer Type 3006PA</b>	
Serie No.:	<b>X19002</b>
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**Soldering Profile**

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



**Ordering Information**

Serie	Ordering Code	Tolerance	ROHS	Packing		
<b>X19002</b>	<b>100</b>	<b>M</b>	<b>R</b>	<b>BU101</b>		

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

<b>19mm THT Multi-Turn Trimmer Type 3006PA</b>	
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