

### Technical Specification

#### Electrical Characteristics

Standard Resistance Range: 10Ω to 2,0MΩ  
 Standard Resistance Tolerance: 10% Standard  
 Absolute Minimum Resistance: 1% or 2 Ohms max.  
 Contact Resistance Variation: 3% or 30hms max.  
 Insulation Resistance: R1 ≥ 1000MΩ min.  
 Withstang Voltage: 500VDC  
 Effective Travel: 280° normal

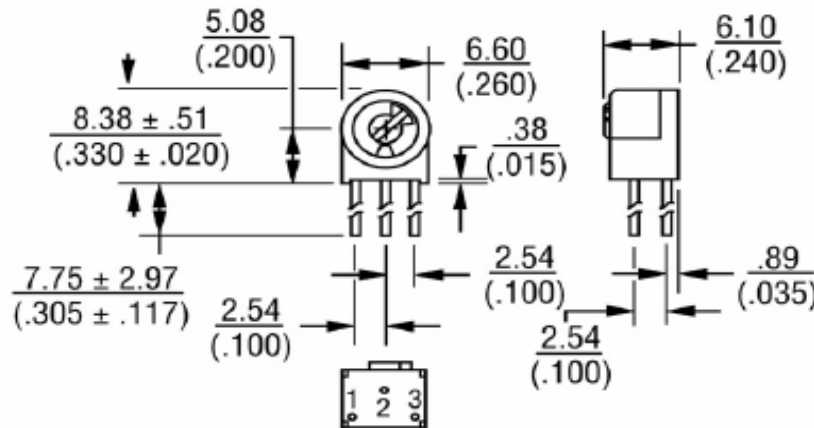
#### Environmental Characteristics

Power Rating: ( 315Volts max. 0,5W)  
 Temperature Range: -55°C ~ +125°C  
 Temperature Coeffizient: +/-100ppm/°C  
 Shock 390m/s<sup>2</sup> (1%Δ TR;1%Δ VR)  
 Vibration: 98m/s<sup>2</sup> (1%Δ TR;1%Δ VR)  
 Rotational Life: 200cycles (3% Δ TR; 3% or 3 Ohms).  
 Endurance: 0,5W @70°C, 1000H, ΔR ≤10%

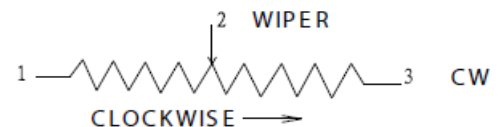
#### Physical Characteristics

Starting Torque: ≤ 35mN-m  
 Flammability: UL95V-0  
 Marking: Resistance code , Model  
 Standard Packing: 50pcs per tube

### Technical Dimensions Type 3329 Type X



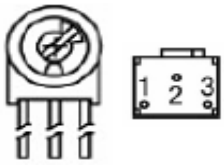
#### Physical Structure



<b>6mm THT Single-Turn Cermet Trimmer Type X</b>	
Serie No.:	<b>X24004</b>
Customer:	

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	06.09.2009
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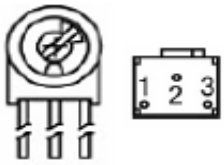


**Range Code Table**

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

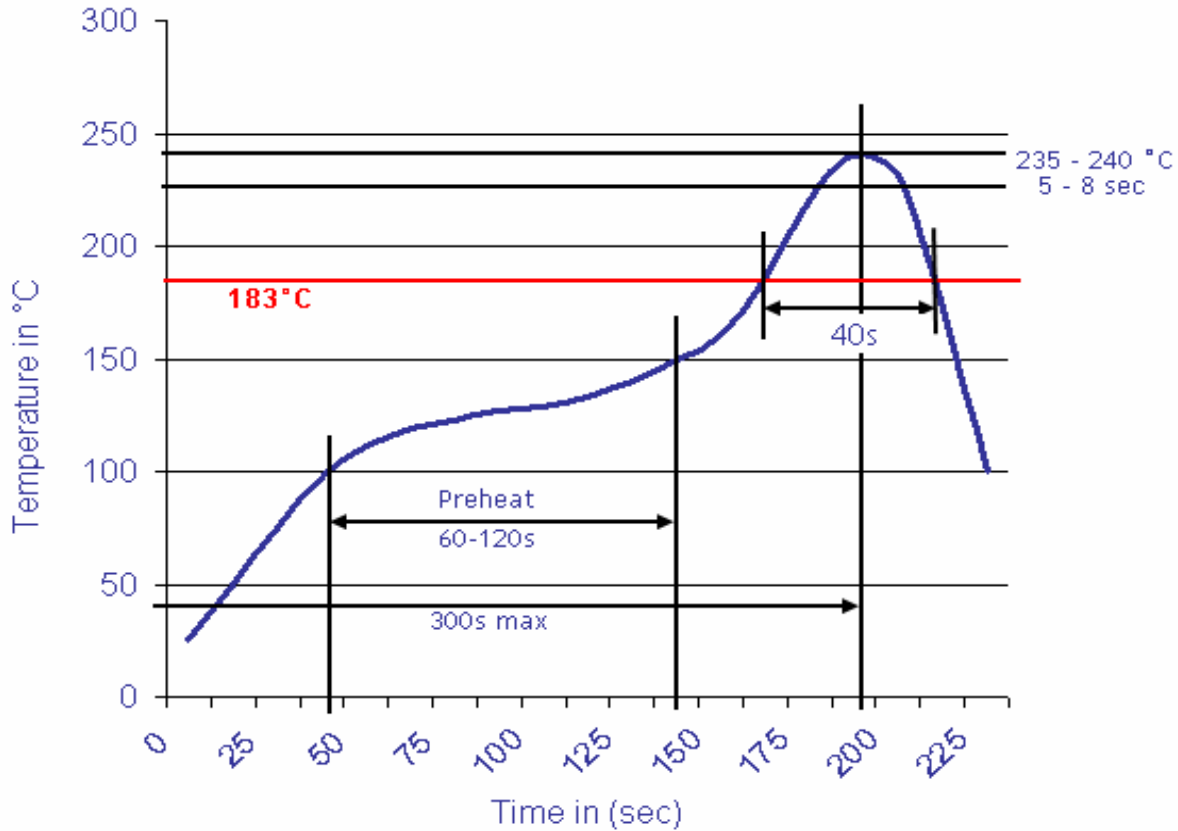
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Serie No.:	<b>X24004</b>
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**Soldering Profile**

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



**Ordering Information**

Serie	Ordering Code	Tolerance	ROHS	Packing		
X24004	100	K	R	BU101		

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

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