

Technical Specification

Electrical Characteristics

Standard Resistance Range: 100Ω ~ 1,0MΩ
 Resistance Tolerance: +/-30% Standard
 Contact Resistance Variation : ≤10%
 Effective Travel: 235° normal
 Absolute Minimum Resistance: ≤ 1% max.
 Contact Resistance Variation: ≤ 3% max.
 Resistance: Essentially infinite:

Environmental Characteristics

Power Rating: (50VDC max.) 0,5W @ 70°C
 Temperature Range: -30°C to +100°C
 Temperature Coefficient: +/-250ppm/°C
 Power Rating: 0,3W @ 70°C
 Load Life: 1000hours, 0,3W @70°C
 Power Rating: ≥500K ohm, 25V

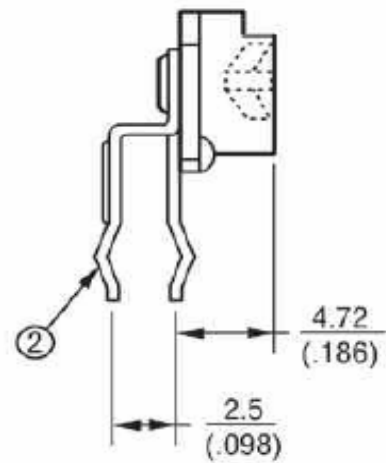
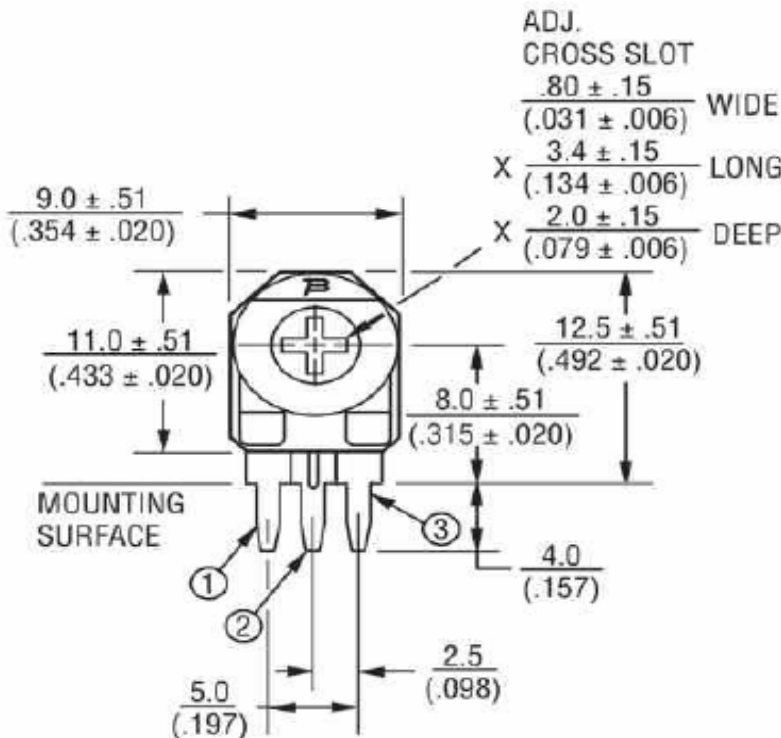
Features

THT/ Single-Turn/ Cermet / Industrial
 2 Terminals Styles

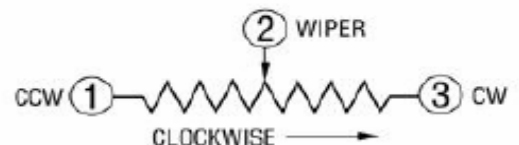
Physical Characteristics

Mechanical Angle: 260° +/- 10°
 Operating Torque: ≤30mN-m
 Marking: Resistance Resistance Code
 Standard Packing: 200PCS per Bag

Technical Dimensions Type 3309W



Physical Structure



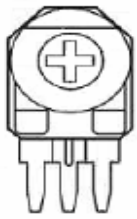
**9,0mm THT Single-Turn
 Trimmer Type 3309W**

X58004

Customer:

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	06.09.2009
APPD:	Join			FINISH	Shieh	Sheet	1 from 3

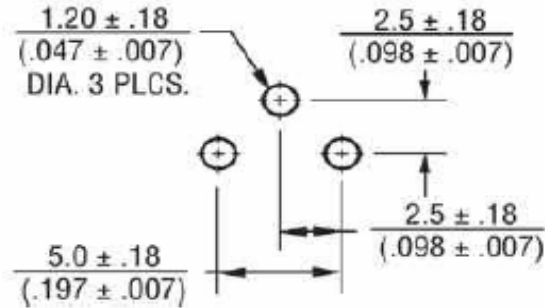
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Range Code Table

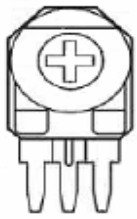
PCB Layout

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



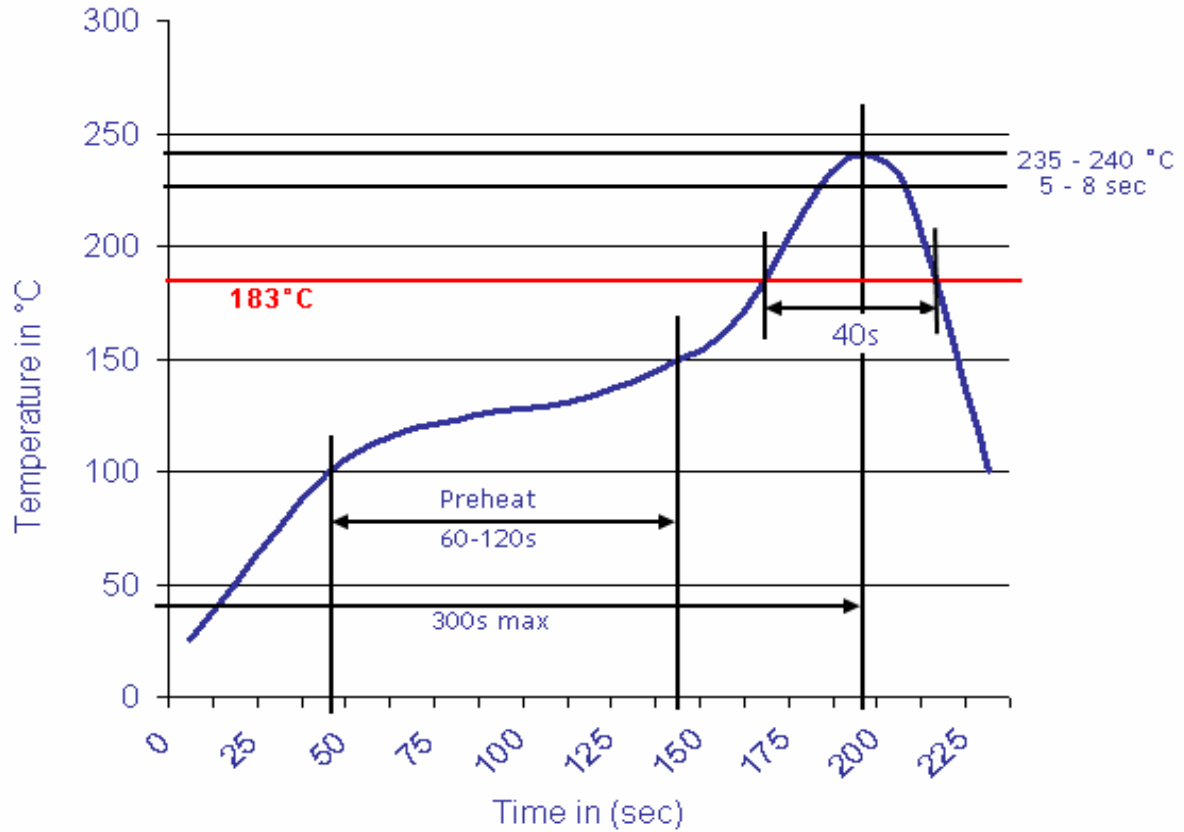
9,0mm THT Single-Turn Trimmer Type 3309W	
0	X58004
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Soldering Profile

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



Ordering Information

Serie	Ordering Code	Tolerance	ROHS	Packing		
X58004	101	M	R	BU201		

101 = 100Ω	M = Tol. 20%	R = ROHS conform	BU201 = Bulk-Ware 200PCS
	K = Tol. 10%	N =NON ROHS conform	

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