

Technical Specification

Electrical Characteristics

Standard Resistance Range: 100Ω to 5,0MΩ
 Standard Resistance Tolerance: 20% Standard
 20% Standard from 100Ω ~ 1,0MΩ
 30% Standard from 1,0MΩ ~ 5,0MΩ
 Withstand Voltage: 250VDC
 Rated Power: 0,25W (lin) 0,12W (no lin)
 Taper: A, B, C,
 Residual resistance: ≤5% Rn (2 Ω min)
 Equivalent noise resistance: ≤3% Rn (3 Ω min)
 Operating Temperature: -25°C ~ +70°C

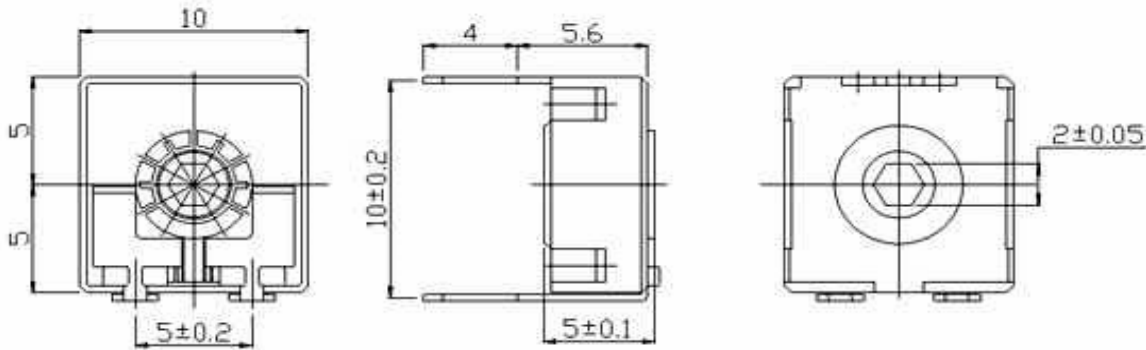
Physical Characteristics

Mechanical rotation angle: 265°C +/- 5°
 Electrical rotation angle: 245°C +/- 20°
 Torque: 0,5 ~ 2,5Ncm
 Stop Torque: > 4Ncm
 Standard Lifetime: 500cycles
 Long life time: 10000cycles

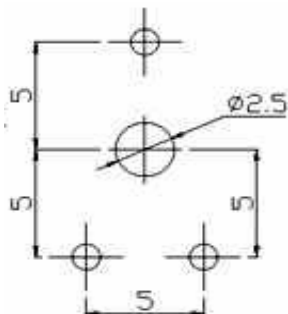
Features

Carbon resistive element
 Dust Proof enclosure
 Polyester Substrate
 Long Life Model available
 Supplied in magazines for automatic insertion

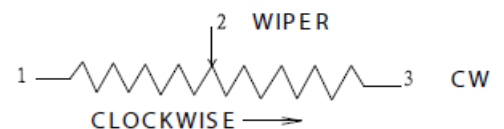
Technical Dimensions Alternative Brand ACP Type CA 9



PCB Layout



Physical Structure



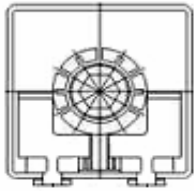
9mm THT Single-Turn Trimmer Type CA9

Serie No.: X17002

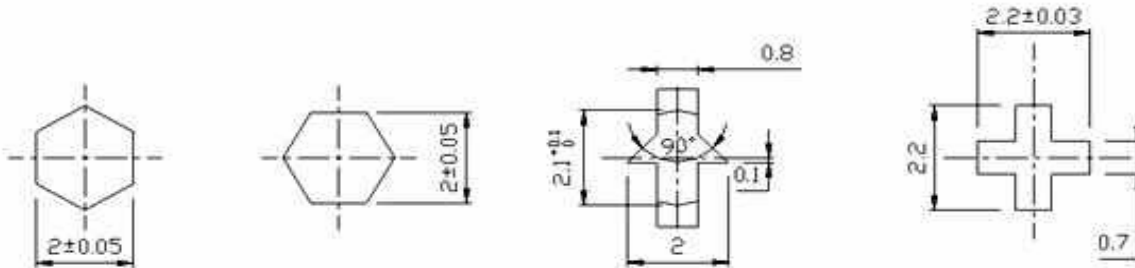
Customer:

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	06.09.2009
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Rotor Style Table



Range Code Table

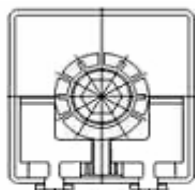
Ordering Code	Range
100	10Ω
200	20Ω
500	50Ω
101	100Ω
201	200Ω
501	500Ω
102	1,0KΩ
202	2,0KΩ
502	5,0KΩ
103	10KΩ
203	20KΩ
253	25KΩ
503	50KΩ
104	100KΩ
204	200KΩ
254	250KΩ
504	500KΩ
105	1,0MΩ
205	2,0MΩ

**9mm THT Single-Turn
 Trimmer Type CA9**

Serie No.: **X17002**

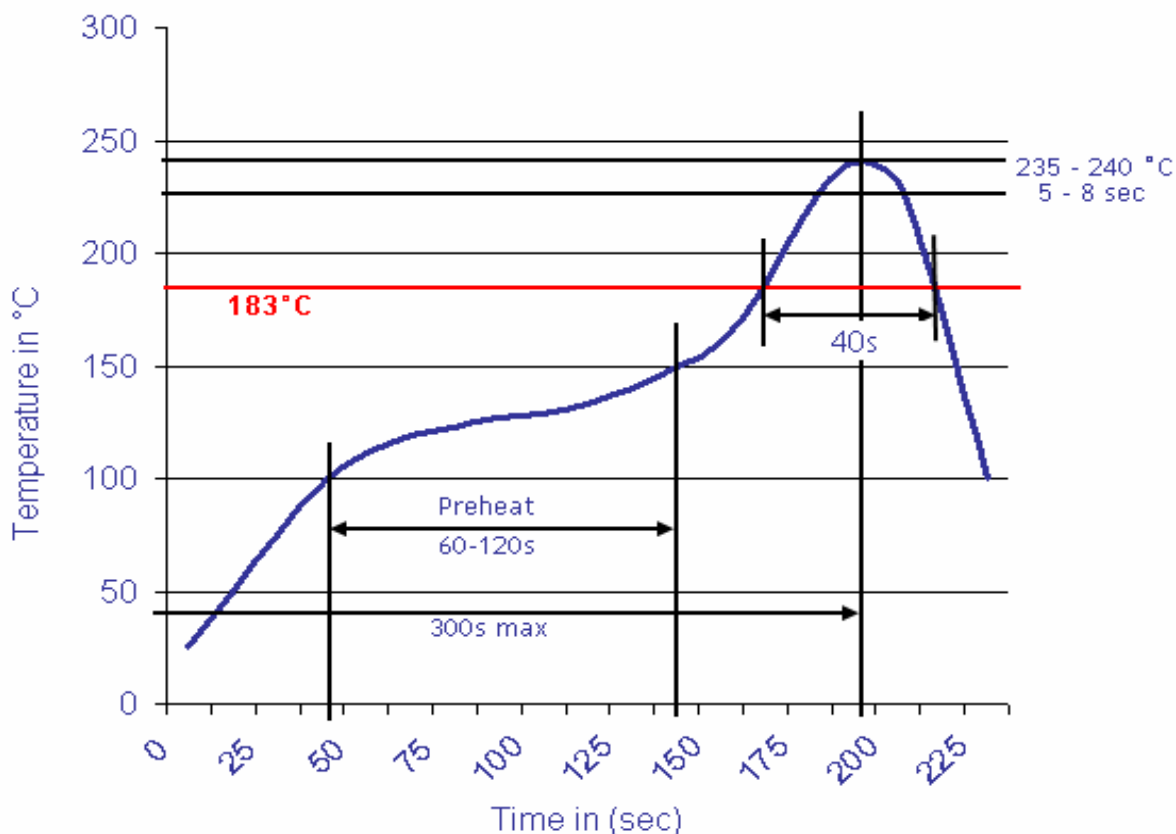
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Soldering Profile

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



Ordering Information

Serie	Ordering Code	Tolerance	Rotor Style	Taper	Lifetime	ROHS	Packing
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X17002	101	M	G	A	1	R	BU101
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101= 100Ω	M= Tol. 20% N= Tol. 30%	G= Hexagonal Style 1 M= Hexagonal Style 2 L= Screw Driver K= Cross Style	A= Linear B= Logarithmisch C= Anti Logarithmisch	1= 500 cycles Standard 2= 10000 cycles	R= ROHS conform N=NON ROHS conform	BU101= Bulk-Ware 100PCS TU= Tube Packing
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9mm THT Single-Turn Trimmer Type CA9	
Serie No.:	X17002
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