

### 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

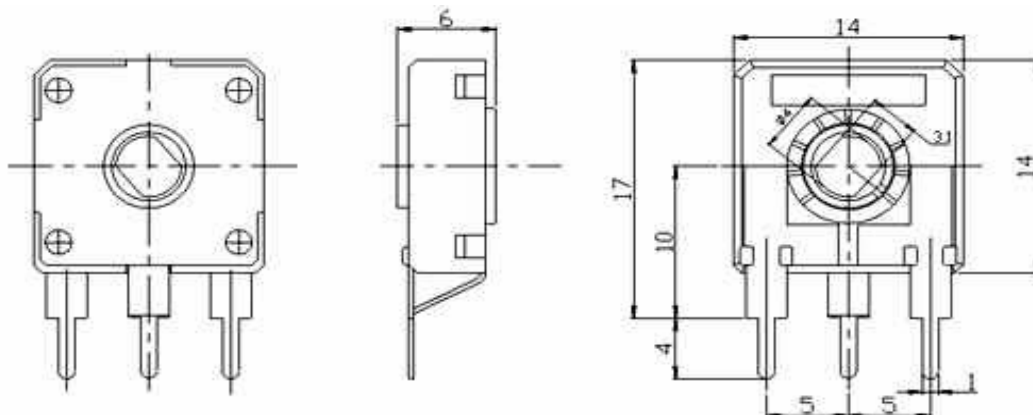
#### Physical Characteristics

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

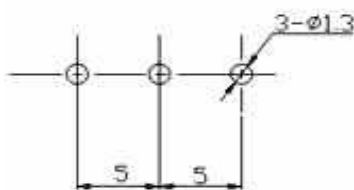
#### Features

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

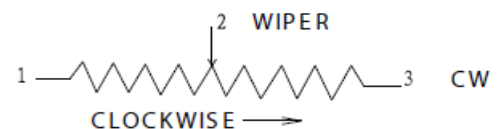
### Technical Dimensions Alternative Brand ACP Type CA 14H



#### PCB Layout



#### Physical Structure



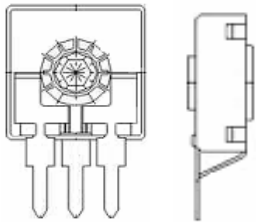
#### 14mm THT Single-Turn Trimmer Type CA14H0

Serie No.: X17005

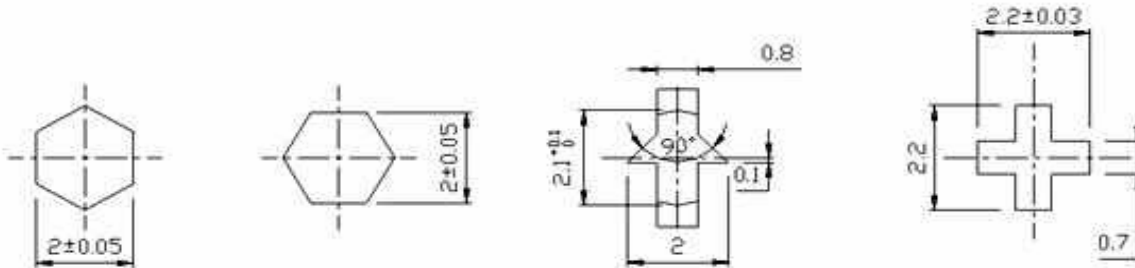
Customer:

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

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**Rotor Style Table**



**Range Code Table**

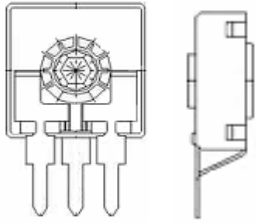
Ordering Code	Range
100	10Ω
200	20Ω
500	50Ω
101	100Ω
201	200Ω
501	500Ω
102	1,0KΩ
202	2,0KΩ
502	5,0KΩ
103	10KΩ
203	20KΩ
253	25KΩ
503	50KΩ
104	100KΩ
204	200KΩ
254	250KΩ
504	500KΩ
105	1,0MΩ
205	2,0MΩ

**14mm THT Single-Turn  
 Trimmer Type CA14H0**

Serie No.: **X17005**

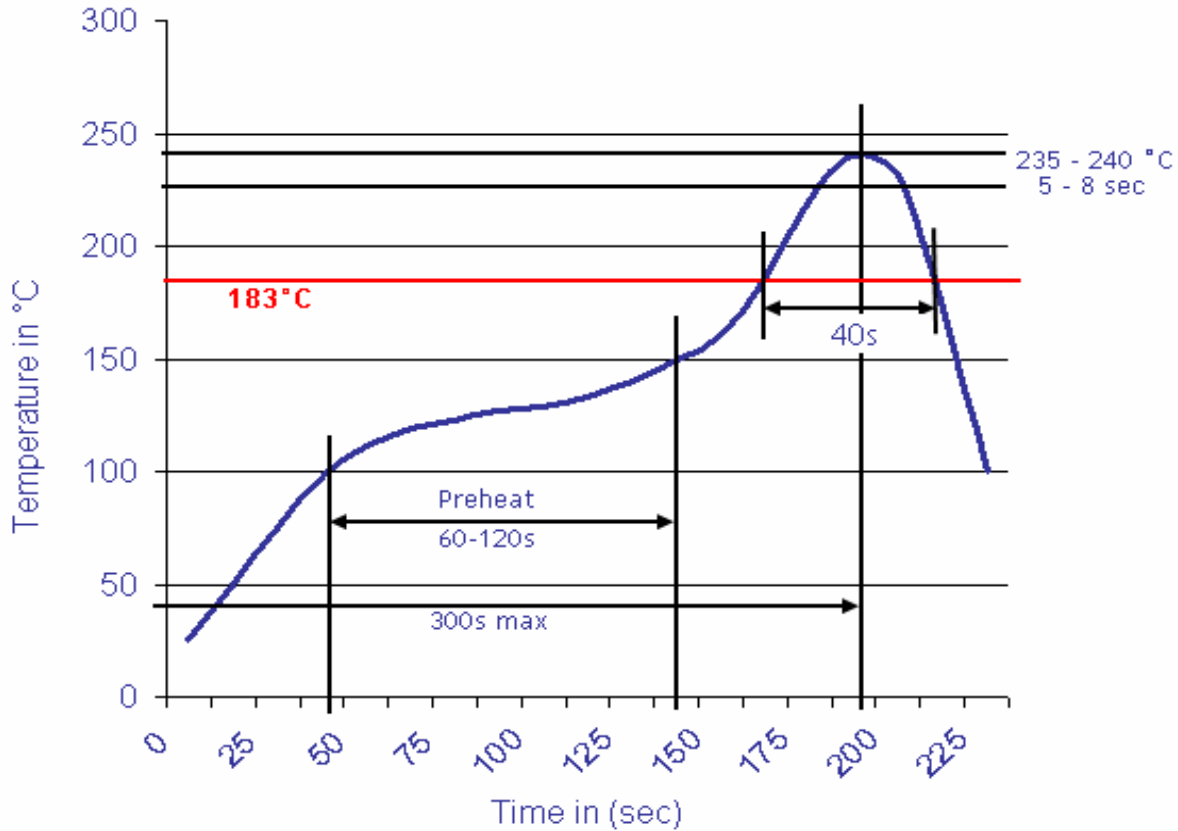
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**Soldering Profile**

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



**Ordering Information**

Serie	Ordering Code	Tolerance	Rotor Style	Taper	Lifetime	ROHS	Packing
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<b>X17005</b>	<b>101</b>	<b>M</b>	<b>G</b>	<b>A</b>	<b>1</b>	<b>R</b>	<b>BU101</b>
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<b>101= 100Ω</b>	<b>M= Tol. 20%</b>	<b>G= Hexagonal Style 1</b>	<b>A= Linear</b>	<b>1= 500 cycles Standard</b>	<b>R= ROHS conform</b>	<b>BU101= Bulk-Ware 100PCS</b> <b>TU= Tube Packing</b>
	<b>N= Tol. 30%</b>	<b>M= Hexagonal Style 2</b>	<b>B= Logarithmisch</b>	<b>2= 10000 cycles</b>	<b>N=NON ROHS conform</b>	
		<b>L= Screw Driver</b>	<b>C= Anti Logarithmisch</b>			
		<b>K= Cross Style</b>				

<b>14mm THT Single-Turn Trimmer Type CA14H0</b>	
Serie No.:	<b>X17005</b>
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