

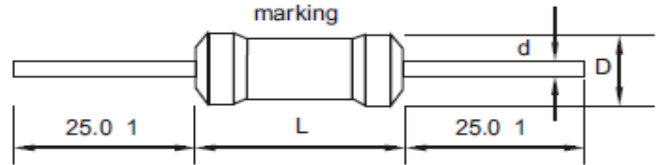


### Technical Specification

#### Features

- Wire Wound construction
- Polyolefin Shrink Tube
- Excellent Environmental Characteristics
- High reliability
- High Inductance and Lower RDC
- Tolerance 10% is standard tighter tolerance available

#### Dimensions



Part-No-	L	D	d
S10A09	22	11,0	0,8/+/-0,05

#### Applications

- Power Supplies
- SCR and Triac Controls
- RFI Suppression
- Filters
- Switching Regulators

### Electrical Characteristics

#### Technical Information

Inductance Testing: LCR Bridge  
 measured @ 1KHz 0,1V HP4284A  
 RDC: Quad Tech 1880 Milliohmmeter  
 IDC Max. Lowewr inductance by 10%  
 Operating Temperature: -50°C ~ +125°C  
 Shrink Tube: Flame retardent UL type VW-1  
 Marking Inductance and tolerance  
 Note: All specifications subject to change without notice.

Inductance	Inductance Code	I Sat (max)	IDC (max)
1800µH	182	0,640A	0,600A

DCR max.			
1,560Ω			

#### THT AXIAL UL TUBE POWER CHOKES

Part No.: **S10A09**

Customer:

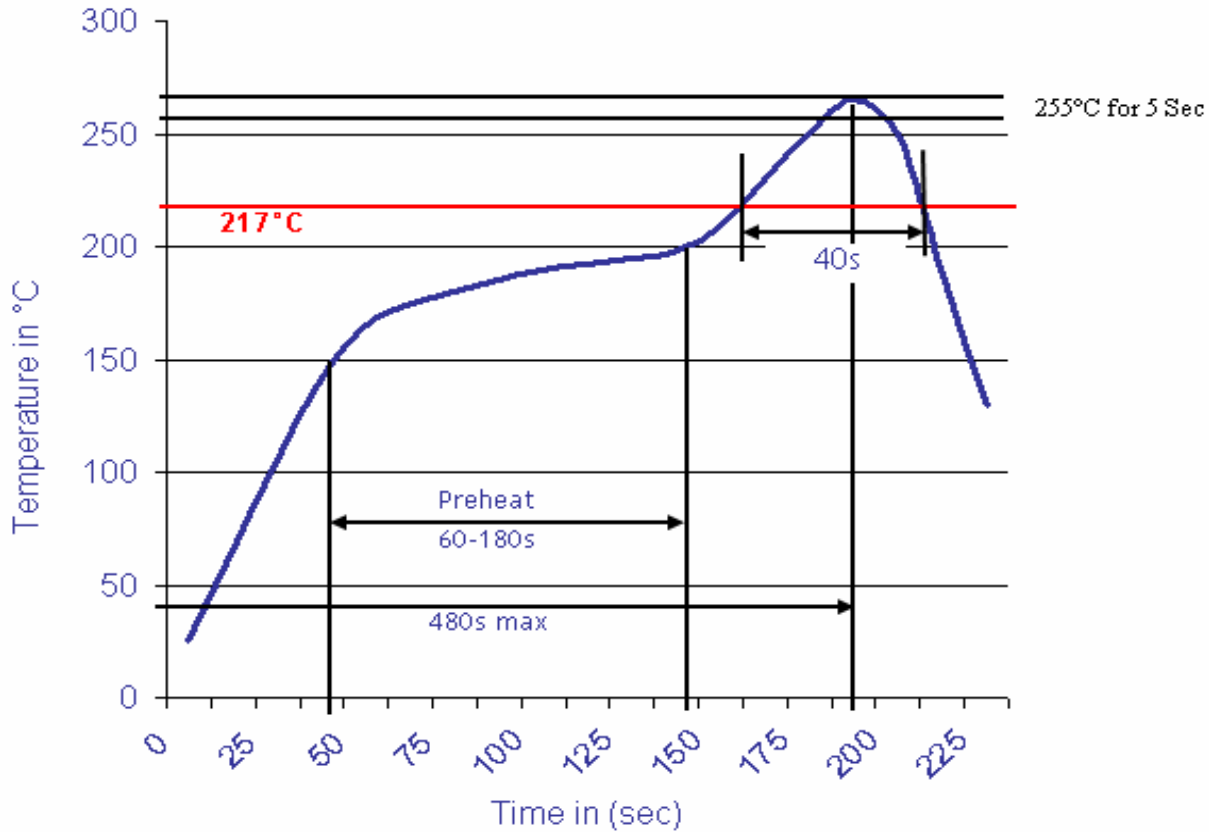
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**Soldering Profile**

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



**Ordering Information**

Serie	Inductance	Tolerance	Function	ROHS	Packing
<b>S10A09</b>	<b>182</b>	<b>M</b>	<b>N</b>	<b>R</b>	<b>TB</b>

<b>182= 1800µH</b>	<b>M= Tol. 20%</b>	<b>N= No function</b>	<b>R= ROHS conform</b>	<b>BU= Bulk Ware</b>
	<b>K= Tol. 10%</b>		<b>N=NON ROHS conform</b>	<b>TB= Tape Box Package</b>

**THT AXIAL UL TUBE  
 POWER CHOKES**

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