



### 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 Milliohmeter  
 IDC Max. Lowerr 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)
270μH	271	1,630A	1,600A

DCR max.			
0,208Ω			

#### THT AXIAL UL TUBE POWER CHOKES

Part No.: **S10A09**

Customer:

DRW:	James	CHKD	Jim	MATL:	Wim	DATE	06.08.2008
APPD:	Sarah			FINISH	Jeff	Sheet	1 from 2

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**Soldering Profile**

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



**Ordering Information**

Serie	Inductance	Tolerance	Function	ROHS	Packing
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<b>S10A09</b>	<b>271</b>	<b>M</b>	<b>N</b>	<b>R</b>	<b>TB</b>
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271= 270µH	<b>M=</b> Tol. 20%	<b>N=</b> No function	<b>R=</b> ROHS conform	<b>BU=</b> Bulk Ware
	<b>K=</b> Tol. 10%		<b>N=</b> NON ROHS conform	<b>TB=</b> Tape Box Package

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