



### 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
S10A07	10,8	4,0	0,6/+/-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)
27μH	270	0,950A	0,580A

DCR max.			
0,220Ω			

#### THT AXIAL UL TUBE POWER CHOKES

Part No.: **S10A07**

Customer:

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

Copyright by EDCON-COMPONENTS H.Schmitt



**Soldering Profile**

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



**Ordering Information**

Serie	Inductance	Tolerance	Function	ROHS	Packing
<b>S10A07</b>	<b>270</b>	<b>M</b>	<b>N</b>	<b>R</b>	<b>TB</b>

<b>270= 27µH</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**

Part No.: **S10A07**

Customer:

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

