



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 |
|----------|----|------|-------------|
| S10A10 | 25 | 14,0 | 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) |
|------------|-----------------|-------------|-----------|
| 680μH | 681 | 2,200A | 1,200A |

| DCR max. | | | |
|----------|--|--|--|
| 0,470Ω | | | |

THT AXIAL UL TUBE POWER CHOKES

Part No.: **S10A10**

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 |
|-------|------------|-----------|----------|------|---------|
|-------|------------|-----------|----------|------|---------|

| | | | | | |
|---------------|------------|----------|----------|----------|-----------|
| S10A10 | 681 | M | N | R | TB |
|---------------|------------|----------|----------|----------|-----------|

| | | | | |
|--------------------|---------------------|------------------------|-----------------------------|------------------------------|
| 681 = 680µH | M = Tol. 20% | N = No function | R = ROHS conform | BU = Bulk Ware |
| | K = Tol. 10% | | N = NON ROHS conform | TB = Tape Box Package |

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POWER CHOKES**

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