

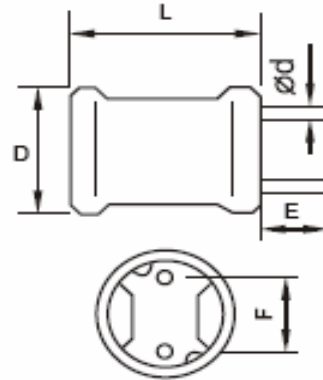


## Technical Specification

### Features

Wire Wound Construction  
 Polyolefin Shrink Tube  
 Excellent heat resistance  
 Excellent environmental characteristics  
 High reliability

### Dimensions



### Applications

Power Supplies  
 SCR and TRIAC Controls  
 RFI Suppression  
 Filters  
 Switching Regulators

### Technical Dimensions

| D (mm) | L (mm) | E (mm) | F (mm) |
|--------|--------|--------|--------|
| 11,0   | 14,0   | 5,0/15 | 5      |
| d (mm) |        |        |        |
| 0,8    |        |        |        |

## Electrical Characteristics

### Technical Information

Testing LCR Bridge, measured @ 1KHz 0,1V HP4284A  
 Equivalent acceptacle  
 RDC. QuadTech 1880 Milliohmmeter  
 IDC: Max. Lowers inductance by 10%  
 Operating Temperature: -55°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 | IDC    | DCR max. |
|------------|-----------------|--------|----------|
| 470μH      | 471             | 0,780A | 0,710Ω   |

### THT Radial UL-Tube Power Choke

Part No.: **S10R07**

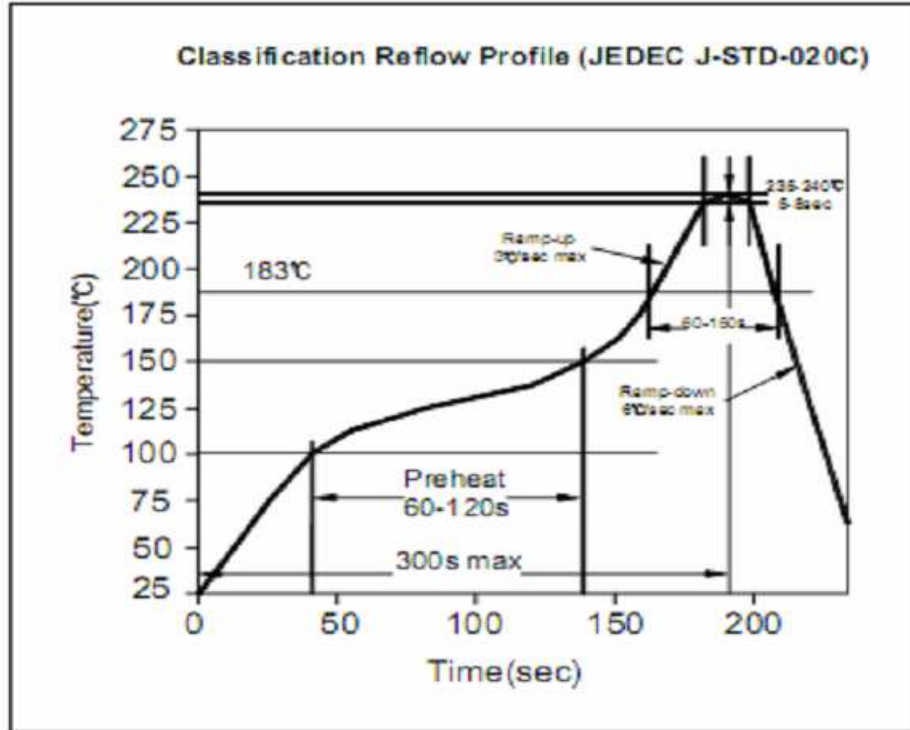
Customer:

|       |       |      |       |        |       |       |            |
|-------|-------|------|-------|--------|-------|-------|------------|
| DRW:  | Jason | CHKD | Jules | MATL:  | Wu    | DATE  | 06.06.2007 |
| APPD: | Join  |      |       | FINISH | Shieh | Sheet | 1 from 2   |

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**Soldering Profile**



**Ordering Information**

| Serie         | Inductance | Tolerance | Lead Length | ROHS     | Packing     |
|---------------|------------|-----------|-------------|----------|-------------|
| <b>S10R07</b> | <b>471</b> | <b>M</b>  | <b>50</b>   | <b>R</b> | <b>BU10</b> |

|            |             |          |                    |                                   |
|------------|-------------|----------|--------------------|-----------------------------------|
| 471= 470µH | M= Tol. 20% | 50= 5mm  | R= ROHS conform    | BU= Bulk Ware<br>TY= Tray Package |
|            | K= Tol. 10% | 15= 15mm | N=NON ROHS conform |                                   |

|                                       |               |
|---------------------------------------|---------------|
| <b>THT Radial UL-Tube Power Choke</b> |               |
| Part No.:                             | <b>S10R07</b> |
| Customer:                             |               |

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