

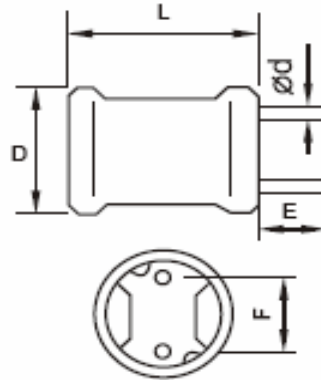


**Technical Specification**

**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) |
|--------|--------|--------|--------|
| 8,8    | 12,0   | 5,0/15 | 5      |
| d (mm) |        |        |        |
| 0,6    |        |        |        |

**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.

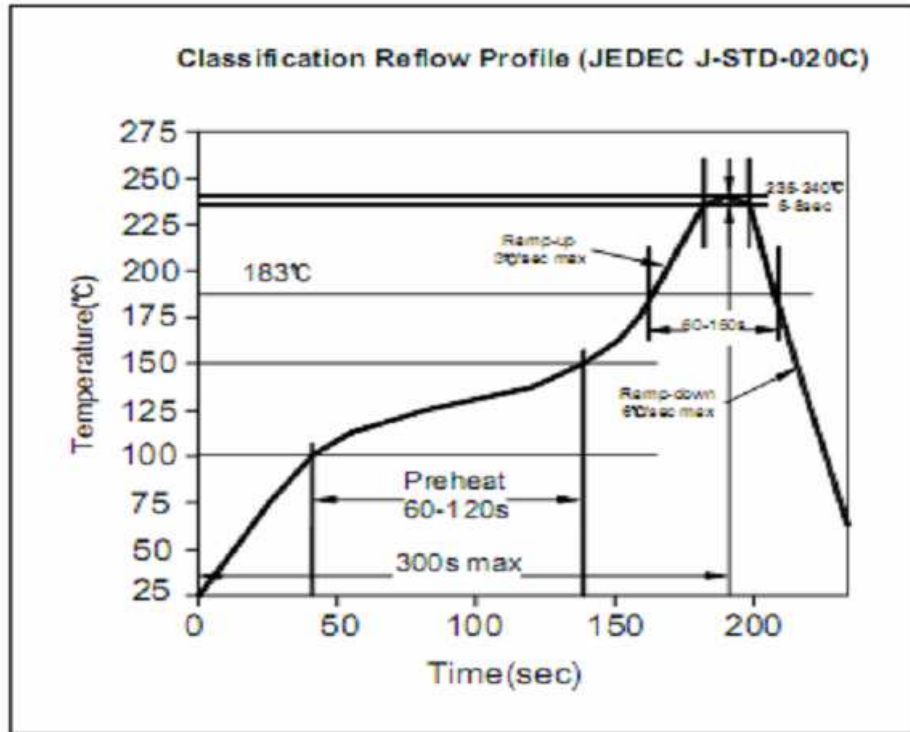
| Inductance | Inductance Code | IDC    | DCR max. |
|------------|-----------------|--------|----------|
| 5600µH     | 562             | 0,120A | 11,500Ω  |

|                                       |               |
|---------------------------------------|---------------|
| <b>THT Radial UL-Tube Power Choke</b> |               |
| Part No.:                             | <b>S10R05</b> |
| Customer:                             |               |

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



**Soldering Profile**



**Ordering Information**

| Serie | Inductance | Tolerance | Lead Length | ROHS | Packing |
|-------|------------|-----------|-------------|------|---------|
|-------|------------|-----------|-------------|------|---------|

|               |            |          |           |          |             |
|---------------|------------|----------|-----------|----------|-------------|
| <b>S10R05</b> | <b>562</b> | <b>M</b> | <b>50</b> | <b>R</b> | <b>BU10</b> |
|---------------|------------|----------|-----------|----------|-------------|

|                    |                    |                 |                           |                         |
|--------------------|--------------------|-----------------|---------------------------|-------------------------|
| <b>562= 5600µH</b> | <b>M= Tol. 20%</b> | <b>50= 5mm</b>  | <b>R= ROHS conform</b>    | <b>BU= Bulk Ware</b>    |
|                    | <b>K= Tol. 10%</b> | <b>15= 15mm</b> | <b>N=NON ROHS conform</b> | <b>TY= Tray Package</b> |

|                                       |               |
|---------------------------------------|---------------|
| <b>THT Radial UL-Tube Power Choke</b> |               |
| Part No.:                             | <b>S10R05</b> |
| Customer:                             |               |

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

