



Technical Specification

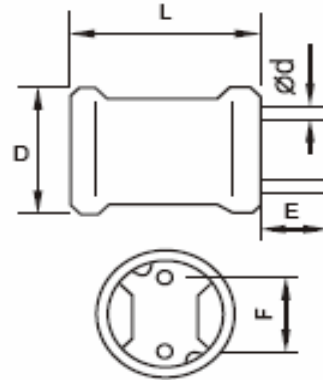
Features

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

Applications

- Power Supplies
- SCR and TRIAC Controls
- RFI Suppression
- Filters
- Switching Regulators

Dimensions



| Technical Dimensions | | | |
|----------------------|--------|--------|--------|
| D (mm) | L (mm) | E (mm) | F (mm) |
| 7,2 | 9,5 | 5,0/15 | 3 |
| 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.

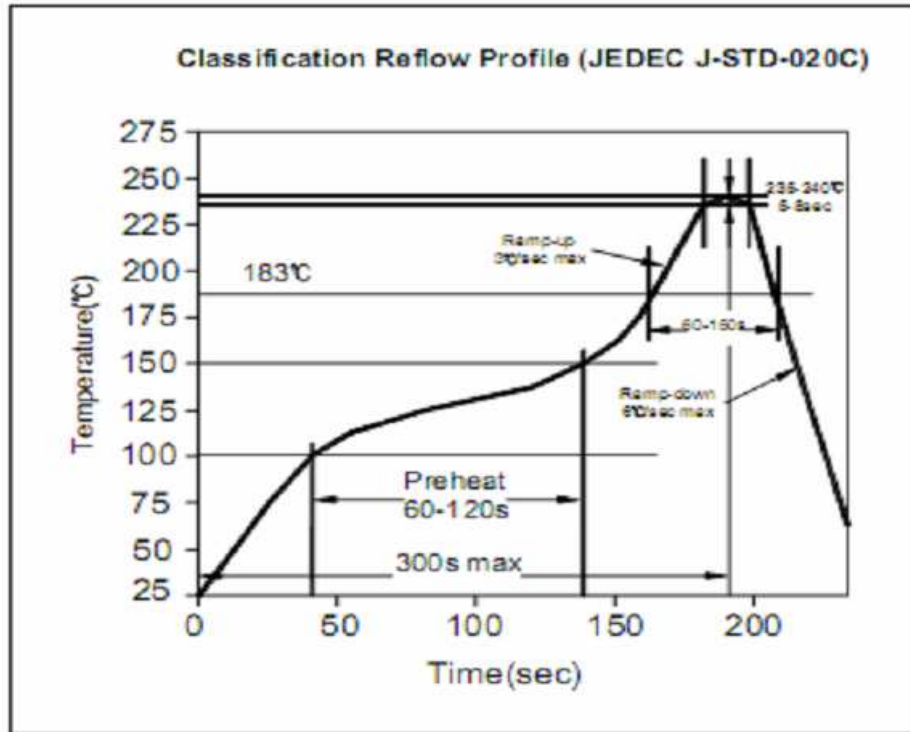
| Inductance | Inductance Code | IDC | DCR max. |
|------------|-----------------|--------|----------|
| 1500µH | 152 | 0,150A | 3,500Ω |

| | |
|---------------------------------------|---------------|
| THT Radial UL-Tube Power Choke | |
| Part No.: | S10R03 |
| 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 |
|-------|------------|-----------|-------------|------|---------|
|-------|------------|-----------|-------------|------|---------|

| | | | | | |
|---------------|------------|----------|-----------|----------|-------------|
| S10R03 | 152 | M | 50 | R | BU10 |
|---------------|------------|----------|-----------|----------|-------------|

| | | | | |
|--------------------|--------------------|-----------------|----------------------------|-------------------------|
| 152= 1500µH | M= Tol. 20% | 50= 5mm | R= ROHS conform | BU= Bulk Ware |
| | K= Tol. 10% | 15= 15mm | N= NON ROHS conform | TY= Tray Package |

| | |
|---------------------------------------|---------------|
| THT Radial UL-Tube Power Choke | |
| Part No.: | S10R03 |
| Customer: | |

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

