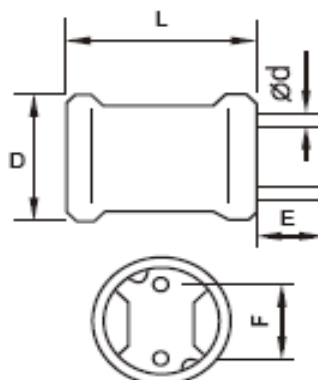


Technical Specification

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) |
|--------|--------|--------|--------|
| 11,5 | 18,0 | 15 | 6,0 |
| 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. |
|-------------------------|-------------------|--------|----------|
| 6,8μH | 6R8 | 7,500A | 0,025Ω |
| Self-Resonant Frequency | L-Test Conditions | | |
| 7,96MHz | 1KHz, 0,25V | | |

THT Radial Power Choke

Part No.: **S10R100**

Customer:

| | | | | | | | |
|-------|-------|------|-------|--------|-------|-------|------------|
| DRW: | Jason | CHKD | Jules | MATL: | Wu | DATE | 22.06.2018 |
| APPD: | Join | | | FINISH | Shieh | Sheet | 1 from 2 |



Soldering Profile

TYPICAL WAVE SOLDER PROFILE FOR LEADED AND LEAD-FREE THROUGH-HOLE PACKAGES



Ordering Information

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

| | | | | | | |
|----------------|------------|----------|-----------|----------|-----------|--|
| S10R100 | 6R8 | M | 15 | R | BU | |
|----------------|------------|----------|-----------|----------|-----------|--|

| | | | | |
|-------------------|--------------------|-----------------|---------------------------|----------------------|
| 6R8= 6,8µH | M= Tol. 20% | 15= 15mm | R= ROHS conform | BU= Bulk Ware |
| | K= Tol. 10% | | N=NON ROHS conform | |

| | |
|-------------------------------|----------------|
| THT Radial Power Choke | |
| Part No.: | S10R100 |
| Customer: | |

| | | | | | | | |
|-------|-------|------|-------|--------|-------|-------|------------|
| DRW: | Jason | CHKD | Jules | MATL: | Wu | DATE | 22.06.2018 |
| APPD: | Join | | | FINISH | Shieh | Sheet | 2 from 2 |