



### Technical Specification

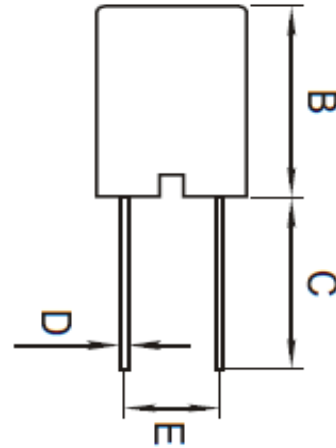
#### Features

- Wire Wound Construction
- Plastic Housing
- Excellent environmental characteristics
- Excellent Mechanical Strength
- Excelent Solderability
- High reliability

#### Applications

- VCR '2 PDP, LCD, TV set
- Automotive Systems
- Computer / Peripheral Equipment
- GPS, DC/Dc Converter, XDSL Modem
- Electronic Games
- Communications Equipment
- Genral Electronic Applications

#### Dimensions



#### Technical Dimensions

A (mm)	B (mm)	C (mm)	D (mm)
11,5	12,5	5,0 +/-0,3	0,6
E (mm)			
5,0			

### 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: -40°C ~ +105°C  
 Storage Temperature: -40°C ~ +105°C  
 Solder Methods: Vapor Phase, Infrared Reflow  
 Marking: Inductance and tolerance  
 Note: All specifications subject to change without notice.

Inductance	Inductance Code	IDC	DCR max.
680µH	681	0,560A	1,100Ω

#### THT Radial Encapsulated Power Choke

Part No.: **S10R27**

Customer:

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	02.05.2009
APPD:	Join			FINISH	Shieh	Sheet	1 from 2

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**Soldering Profile**

**Classification Reflow Profile (JEDEC J-STD-020C)**



**Ordering Information**

Serie	Inductance	Tolerance	Lead Length	ROHS	Packing
<b>S10R27</b>	<b>681</b>	<b>K</b>	<b>50</b>	<b>R</b>	<b>BU10</b>

<b>681</b> = 680µH	<b>K</b> = Tol. 10%	<b>50</b> = 5mm	<b>R</b> = ROHS conform	<b>BU</b> = Bulk Ware
	<b>J</b> = Tol. 5%		<b>N</b> =NON ROHS conform	<b>TY</b> = Tray Package

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