



Technical Specification

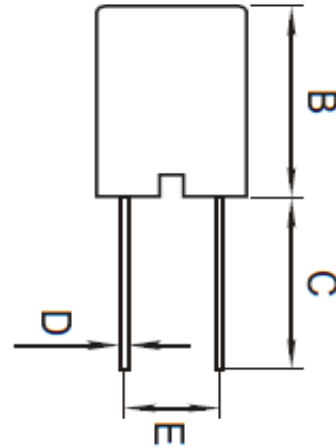
Features

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

Applications

- VCR, PDP, LCD, TV set
- Automotive Systems
- Computer / Peripheral Equipment
- GPS, DC/Dc Converter, XDSL Modem
- Electronic Games
- Communications Equipment
- General 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 inductance
 RDC. QuadTech 1880 Milliohm meter
 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.
1000µH	102	0,500A	1,400Ω

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



Soldering Profile

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



Ordering Information

Serie	Inductance	Tolerance	Lead Length	ROHS	Packing
S10R27	102	K	50	R	BU10

102= 1000µH	K= Tol. 10%	50= 5mm	R= ROHS conform	BU= Bulk Ware
	J= Tol. 5%		N= NON ROHS conform	TY= Tray Package

THT Radial Encapsulated Power Choke	
Part No.:	S10R27
Customer:	

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

