



Technical Specification

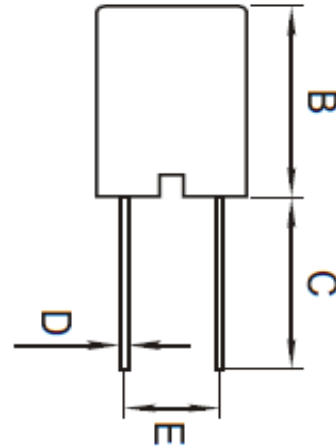
Features

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.
10µH	100	3,700A	0,025Ω

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
S10R27	100	K	50	R	BU10

100= 10µH	K= Tol. 10%	50= 5mm	R= ROHS conform	BU= Bulk Ware
	J= Tol. 5%		N= NON ROHS conform	TY= Tray Package

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