



Technical Specification

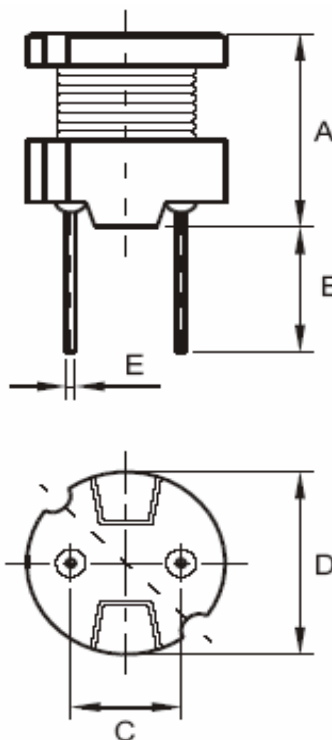
Features

- Wire Wound Construction
- Excellent heat resistance
- Excellent environmental characteristics
- High reliability

Applications

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

Dimensions



Technical Dimensions

A (mm)	B (mm)	C (mm)	D (mm)
5,2	4,0 +/-1,0	4,0 +/-0,3	6,5
E (mm)			
0,5			

Electrical Characteristics

Technical Information

Testing LCR Bridge, measured @ 1KHz 0,1V HP4284A
 Equivalent acceptacle
 RDC. QuadTech 1880 Milliohmmer
 IDC: Max. Lowers inductance by 10%
 Operating Temperature: -40°C ~ +105°C
 Storage Temperature: -40°C ~ +105°C
 Solder Methods: Vapor Phase, Infrared Reflow
 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.
180µH	181	0,320A	1,150Ω

THT Radial Power Choke

Part No.: **S10R13**

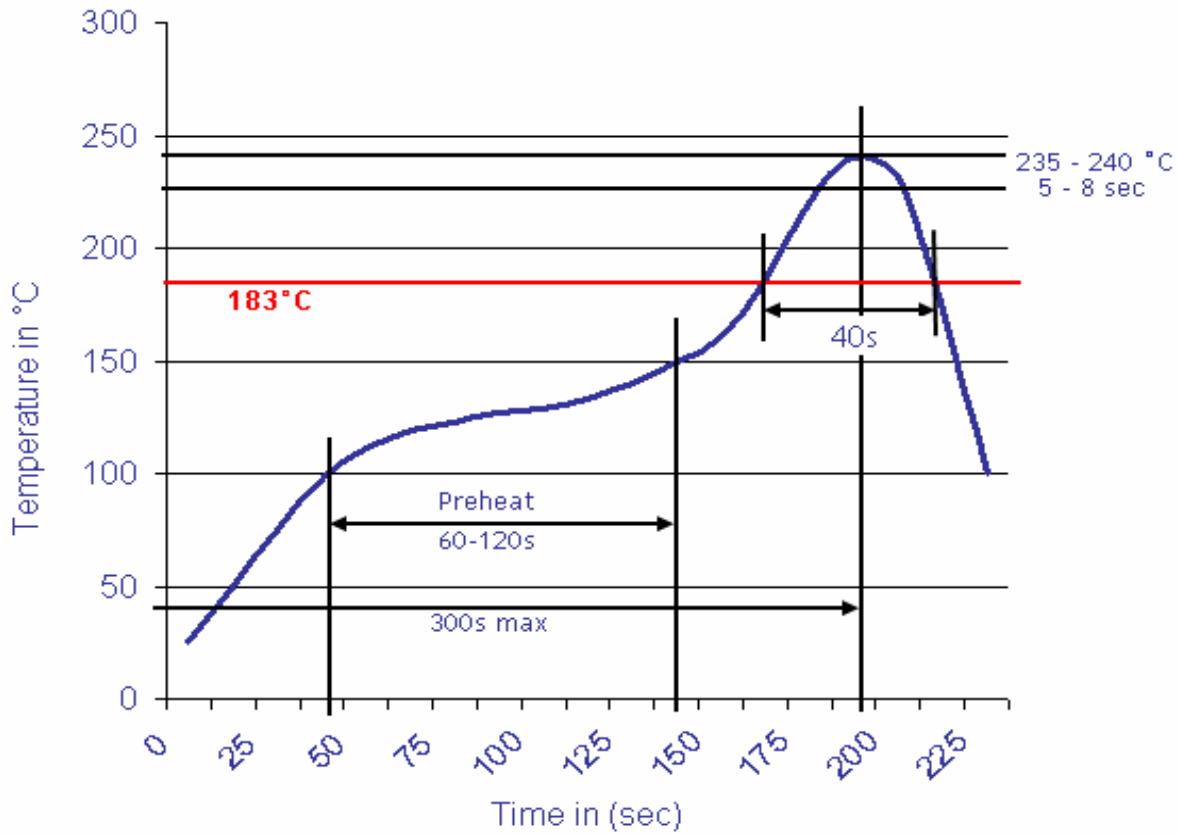
Customer:

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	08.03.2009
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
S10R13	181	M	50	R	BU10

181= 180µH	M= Tol. 20%	50= 5mm	R= ROHS conform	BU= Bulk Ware
	K= Tol. 10%	15= 15mm	N=NON ROHS conform	TY= Tray Package

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