



DISCRIPTION

FEATURES

Larg Current Flat-top for Pick & Place Low cost **OPTIONS**

Tape & Reel is Standard Bulk Packing Available for smaller quantites Tolerance: M=20% is Standard

APPLICATIONS

Modems PDP, LCD TVs convertor Mobile Radios DC/DC convertor Cordless Telephones Car radios Global Positioning Systems Wireless Communications Equipment Network Systems Computer Peripheral Equipment

PHYSICAL CHARACTERISTICS

- Test Frequenz with HP4284A and HP4285A (equivalent acceptable) DCR : GW813 or QuadTech 1880 m Ω
- IDC Max is decreased 10% against its initial value
- Operating Temperature : -40°C ~ +85°C
- Storage Temperature : -40°C ~ +105°C
- Soldering Methods : Vapor Phase, Infrared Reflow
- Resistance to soldering heat : 260°C for 10 seconds
- Solvent resistance : Conforms to MIL-STD-202E

ELECTRICAL SPECIFICATIONS

Properties	Test conditions		Value	Unit	Tol.
Inductance		L	5,6	μH	see Site 2
Q factor		Q			min.
DC-resistance		DCR typ.		Ω	typ.
DC-resistance		DCR max.	0,050	Ω	max.
Self-Res. Freq.		SRF		Mhz	min.
Test-Freq.			7,95	Mhz	
Rated Current		IDC	1,80	Α	max.
Saturation Current		Isat		A	typ.

 This electronic component is meant to be used in general electronic equipment. Before the incorporation of this component into any equipment with higher and more reliable requirements such as aviation, aerospace, submarine, nuclear control, transportation, transportation signal, disaster prevention, medical, public information network, etc. or if there is a possibility of injuries or damages to the human body, Edcon 						HIGH CURRENT SMT Power INDUCTOR		
-Components must be informed before the stage of design-in. Evaluation checks for safety have to be performed on each electronic components used in electrical circuits that require high safety and reliability						Part No.:	S18	8004-5R6
functions.						Customer:		
DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE		12.06.2009
APPD:	Pong			FINISH	Vienna	Sheet		1 from 2

Copyright by EDCON-COMPONENTS

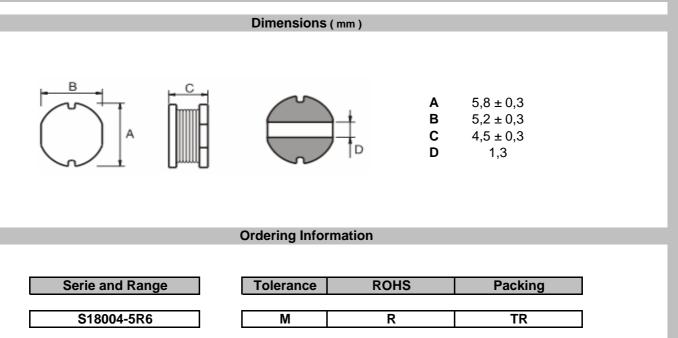
www.edcon-components.com

email: info@edcon-components.com





TECHNICAL INFORMATIONS

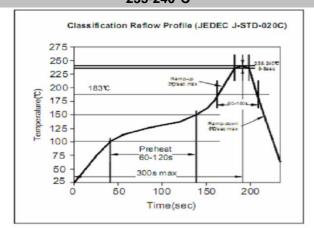


M = 20%

R = ROHS

N = non ROHS

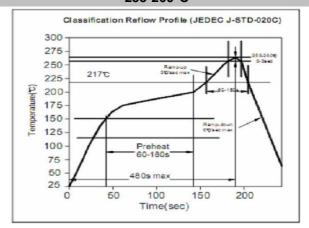
Soldering Profile for Lead Free Soldering 235-240°C



Soldering Profile for Lead Free Soldering 255-260°C

BU = Bulk Ware

TR = Tape Reel



 This electronic component is meant to be used in general electronic equipment. Before the incorporation of this component into any equipment with higher and more reliable requirements such as aviation, aerospace, submarine, nuclear control, transportation, transportation signal, disaster prevention, medical, public information network, etc. or if there is a possibility of injuries or damages to the human body, Edcon 						HIGH CURRENT SMT Power INDUCTOR		
-Components must be informed before the stage of design-in. Evaluation checks for safety have to be performed on each electronic components used in electrical circuits that require high safety and reliability						Part No.:	S18004-5R6	
functions.					Customer:			
DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	12.06.2009	
APPD:	Pong			FINISH	Vienna	Sheet	2 from 2	
Copyright by EDCON-COMPONENTS								

www.edcon-components.com

email: info@edcon-components.com