EDCON COMPONENTS
A MEMBER OF EDCON-GROUP

DISCRIPTION

FEATURES

Higher Frequency
High Saturation Material
Low EMI Radiation
Pick and Place
Low DC Resistance

OPTIONS

Tape & Reel is Standard
Tolerance: M=20% is Standard,
Tighter Tolerances Available

APPLICATIONS

Electronic Appliances
DC-DC Conversion
EMI/RFI Suppression

PHYSICAL CHARACTERISTICS

- Insulation Resistance: 100Vdc 1KM min
- Turns Ratio: 1,1 0%
- RDC: QuadTech 1880 Milliohmmeter
- Soldering temperature:260°C for 1 seconds
- Operating temperature:-40°C ~ +125°C
- Storage Temperature: -55°C ~ +125°C
- Different package available per special request
- Max of 35% saturation on DC bias applied

ELECTRICAL SPECIFICATIONS

Properties	Test conditions		Value	Unit	Tol.
OCL		**nominal**	15,48	**µH**	**see Site 2**
Q factor		**Q**	---		**min.**
DC-resistance		**DCR typ.**	---	**Ω**	**typ.**
DC-resistance		**DCR max.**	0,046	**Ω**	**max.**
Self-Res. Freq.		**SRF**	---	**MHz**	**min.**
Test-Freq.			100	**KHz**	
Rated Current		**IDC**	2,69	**A**	**max.**
Saturation Current		**I SAT**	---	**A**	**max.**

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SMT TOROIDAL COILS AND COMMON MODE TOROIDAL CHORES

PARALLEL

Part No.: **S39002-150**

Customer:

DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	24.06.2009
APPD:	Pong			FINISH	Vienna	Sheet	1 from 2

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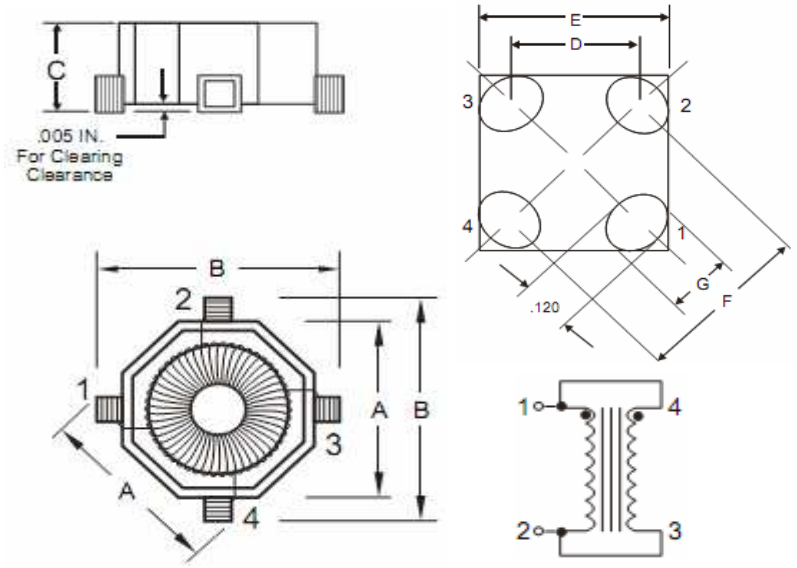
TECHNICAL INFORMATIONS

Dimensions (mm)

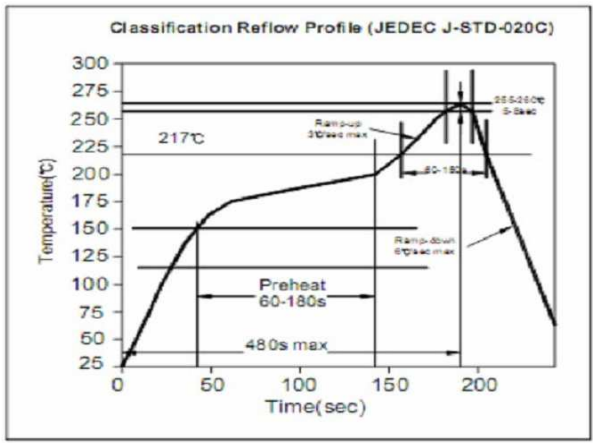


A	8,89
B	11,43
C	5,97
D	7,03
E	10,71
F	9,96
G	3,68

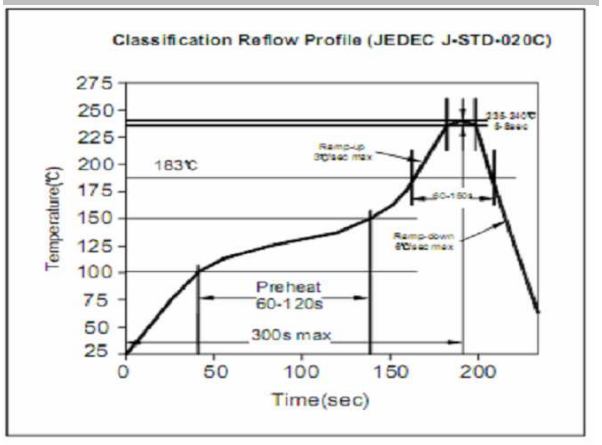
Ordering Information

Serie and Range	Tolerance	ROHS	Packing
S39002-150	**M**	**R**	**TR**
	M = 20%	**R =** ROHS	**BU =** Bulk Ware
		N = non ROHS	**TR =** Tape Reel

Soldering Profile for Lead Free Soldering 255-260°C



Soldering Profile for Lead Free Soldering 235-240°C



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