







## 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 Isolation / Coupling 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	100,57	μH	see Site 2
Q factor		Q			min.
DC-resistance		DCR typ.		Ω	typ.
DC-resistance		DCR max.	0,201	Ω	max.
Self-Res. Freq.		SRF		MHz	min.
Test-Freq.			100	KHz	
Rated Current		IDC	1,37	Α	max.
Saturation Current		ISAT		Α	max.

1. 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 —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 functions.

SMT TOROIDAL COILS AND COMMON MODE TOROIDAL CHORES

**TRANSFORMER** 

Part No.: **\$39037-101** 

Customer:

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

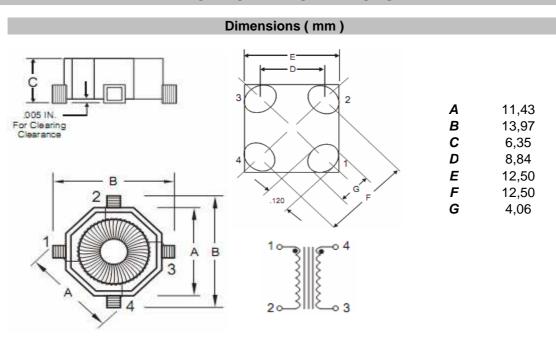








## **TECHNICAL INFORMATIONS**

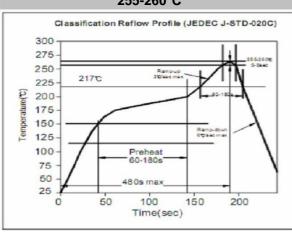


### **Ordering Information**

Serie and Range	Tolerance	ROHS	Packing	
S39037-101	M	R	TR	
	<b>M</b> = 20%	R = ROHS	<b>BU</b> = Bulk Ware	

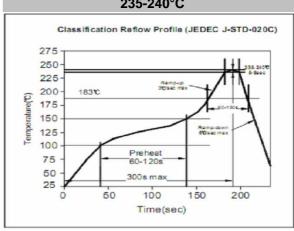
N = non ROHS

# Soldering Profile for Lead Free Soldering 255-260°C



# Soldering Profile for Lead Free Soldering 235-240°C

TR = Tape Reel



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