



DISCRIPTION

FEATURES

LCP Base
High Frequency Design
Excellent Mechanical Strength
High Reliability
Low Profile

OPTIONS

Tape & Reel is Standard (Qty:2000pcs)
Bulk Packing Available for smaller quantities
Tolerance: J=5% and K=10% is Standard,
Tighter Tolerances Available

APPLICATIONS

Datalline Noise Suppression
Video Cameras
Communication System
Automotive Systems
Liquid Crystal Televisions
Hard Disk Drives
Network Systems

PHYSICAL CHARACTERISTICS

- Inductance Testing: 1KHz 1V HP4284A
- Z test with HP4191A or HP4395A
- RDC: QuadTech 1880 Milliohmeter
- Operating temperature: -40°C ~ +105°C
- Storage Temperature: -40°C ~ +105°C
- Solder methods: Vapor Phase, Infrared Reflow
- Resistance to soldering heat: 260°C for 10 seconds

ELECTRICAL SPECIFICATIONS

Properties	Test conditions		Value	Unit	Tol.
Impedance		100 MHz	150	Ω	see Site 2
Q factor		Q	---		min.
DC-resistance		DCR typ.	---	Ω	typ.
DC-resistance		DCR max.	0,3	Ω	max.
Self-Res. Freq.		SRF	---	MHz	min.
Test-Freq.			1	KHz	
Rated Current		IDC	0,3	A	max.
Saturation Current		I SAT	---	A	max.
Wistanding Voltage		CH-901	100	VDC	
Insertion Loss		50 MHz	2,5 ± 1,0	dB	
		100 MHz	3,0 ± 1,5	dB	
		300 MHz	4,0 ± 2,0	dB	
		500 MHz	5,0 ± 3,0	dB	

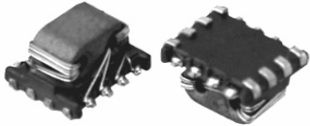
1. This electronic component is meant to be used in general electronic equipment. Before the incorporation of this component into any equipment with higher and more reliable requirements such as aviation, aerospace, submarine, nuclear control, transportation, transportation signal, disaster prevention, 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 COMMON MODE CHOKES

Part No.: **S39028-151**

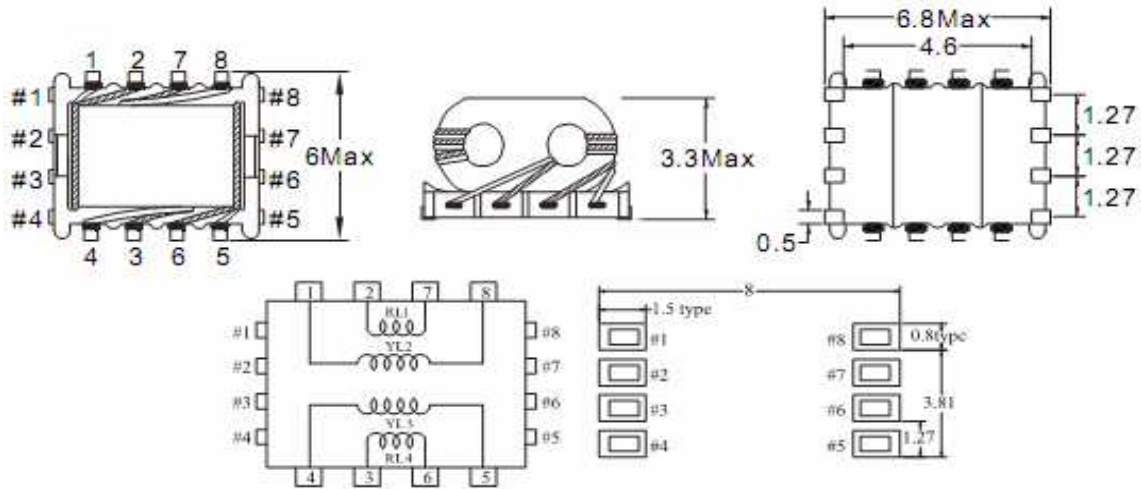
Customer:

DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	25.06.2009
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TECHNICAL INFORMATIONS

Dimensions (mm)



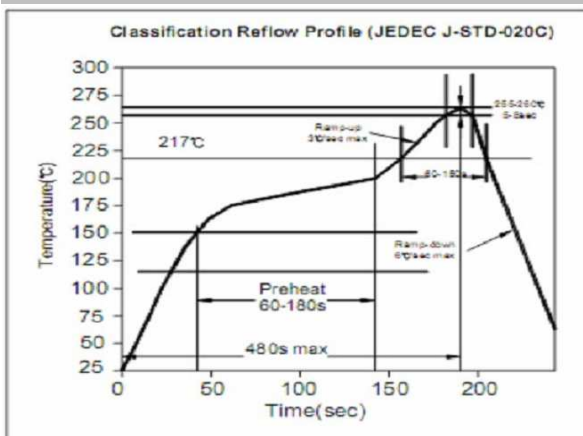
Ordering Information

Serie and Range
S39028-151

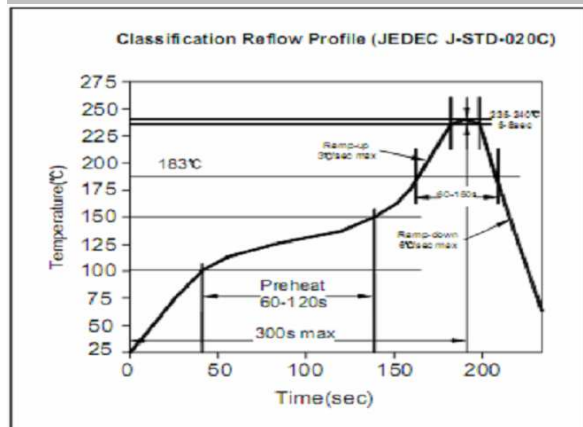
Tolerance	ROHS	Packing
M	R	TR

J = 5%	R = ROHS	BU = Bulk Ware
K = 10%	N = non ROHS	TR = Tape Reel
M = 20%		
N = 30%		

Soldering Profile for Lead Free Soldering 255-260°C



Soldering Profile for Lead Free Soldering 235-240°C



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