



DISCRIPTION

FEATURES

Ferrite Core bobbin construction
High frequency and Large current
Excellent Mechanical Strength
Excellent Solderability
Excellent Frequency performance

OPTIONS

Tape & Reel is Standard (Qty:2000 Pcs)
Bulk Packing Available for smaller quantites
Tolerance: M=20% is Standard,
Tighter Tolerances Available

APPLICATIONS

DC-DC Converter
Video Cameras
Communication System
Electronic Equipment
Automotive Systems
Liquid Crystal Televisions
Network Systems

PHYSICAL CHARACTERISTICS

- Z test with HP4191A or HP4395A
- RDC:QuadTech 1880 Milliohmmer
- Operating temperature : -40°C ~ +105°C
- Storage Temperature : -40°C ~ +105°C
- Resistance to soldering heat: 260°C for 10 seconds

ELECTRICAL SPECIFICATIONS

Properties	Test conditions		Value	Unit	Tol.
Impedance		100 MHz	180	Ω	see Site 2
Q factor		Q	---		min.
DC-resistance		DCR typ.	---	mΩ	typ.
DC-resistance		DCR max.	0,35	mΩ	max.
Self-Res. Freq.		SRF	---	MHz	min.
Test-Freq.			1	KHz	
Rated Current		IDC	330	A	max.
Saturation Current		I SAT	---	A	max.
Rated Voltage			50	V DC	
Wistanding Voltage		CH-901	125	V DC	

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 WOUND COMMON MODE CHOKES

Part No.: **S38005-181**

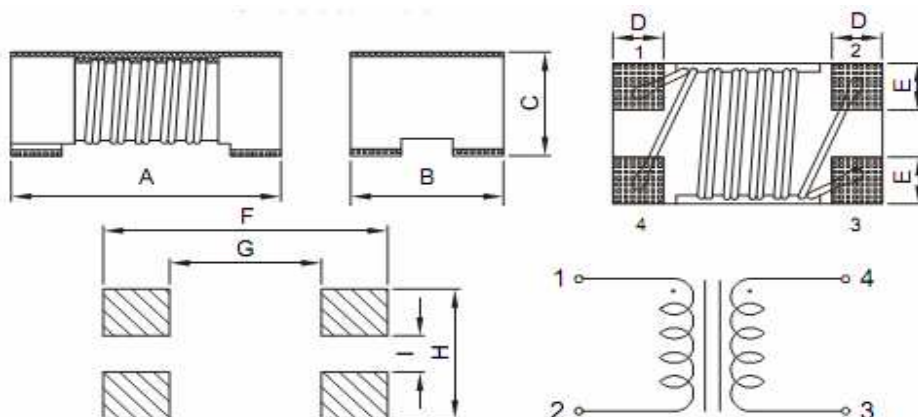
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TECHNICAL INFORMATION

Dimensions (mm)

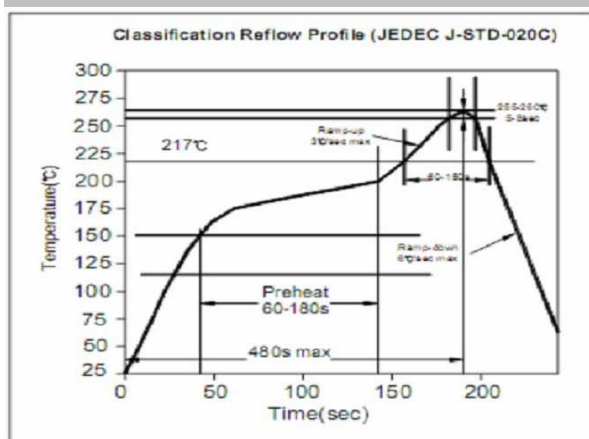


A	2,0 ± 0,2	D	0,45	G	0,8
B	1,2 ± 0,2	E	0,40	H	1,3
C	1,1 ± 0,2	F	2,60	I	0,4

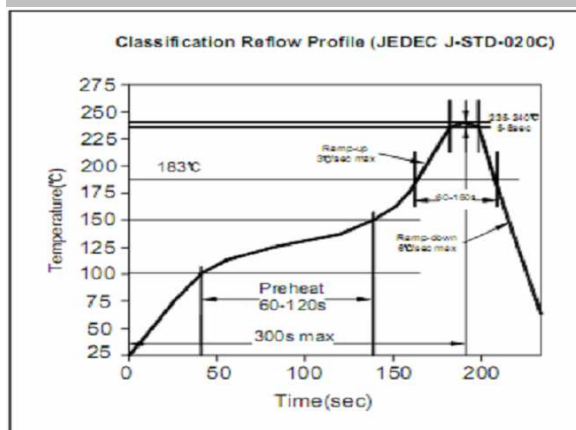
Ordering Information

Serie and Range	Tolerance	ROHS	Packing
S38005-181	M	R	TR
	K = 10%	R = ROHS	BU = Bulk Ware
	M = 20%	N = non ROHS	TR = Tape Reel
	N = 30%		

Soldering Profile for Lead Free Soldering 255-260°C



Soldering Profile for Lead Free Soldering 235-240°C



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