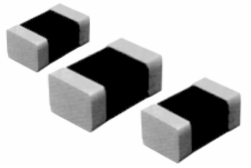


EDCON COMPONENTS®
A MEMBER OF EDCON-GROUP

DISCRIPTION

FEATURES

Multilayer ceramic structure
Closed magnetic circuit
Avoids crosstalk
Excellent solderability
High reliability

OPTIONS

Tape & Reel is Standard (Qty: 2.000 Pcs)
Bulk Packing Available for smaller quantites
Tolerance: K=10%, M=20% is Standard,
tighter Tolerance available (MOQ on request)

APPLICATIONS

VCRs
Mobile Radios
Cordless Telephones
Modems
Global Position Systems
Wirless Communications Equipment
Network Systems
Computer Products

APPROVAL

PHYSICAL CHARACTERISTICS

- Testing : (Equivalents acceptable) Inductance & Q-HP4195A + HP41951
  DCR : VOAC-7412 ; SRF : HP8753C
- Solderability : 90% of the terminal Electrode shall be covered
  Preheat : 260°C ± 5°C for 160 second
  Solder : H63AA Eutectic Solder ; Flux : Rusin, DIP for 5 seconds ± 1 second
- Thermal Shock : Inductance shall be within ± 5% of initial value when temperature is -40°C and 85°C for 30 min. for each 100 cycles
- Operating Temperature : -25°C ~ 85°C
- Storage Temperature : -40°C ~ 85°C

ELECTRICAL SPECIFICATIONS

Properties	**Test conditions**		**Value**	**Unit**	**Tol.**
Inductance		**L**	33	**µH**	**see Site 2**
Q factor		**Q**	30		**min.**
DC-resistance		**DCR typ.**	---	**Ω**	**typ.**
DC-resistance		**DCR max.**	1,40	**Ω**	**max.**
Self-Res. Freq.		**SRF**	16	**Mhz**	**min.**
Test-Freq.			1	**Mhz**	
Rated Current		**IDC**	5	**mA**	**max.**
Saturation Current		**Isat**	---	**mA**	**typ.**

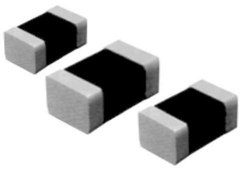
1. This electronic component is meant to be used in general electronic equipment. Before the incorporation of this component into any equipment with higher and more reliable requirements such as aviation, aerospace, submarine, nuclear control, transportation, transportation signal, disaster prevention,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

Part No.: **S11006-330**

Customer:

DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	08.06.2009
APPD:	Pong			FINISH	Vienna	Sheet	1 from 2

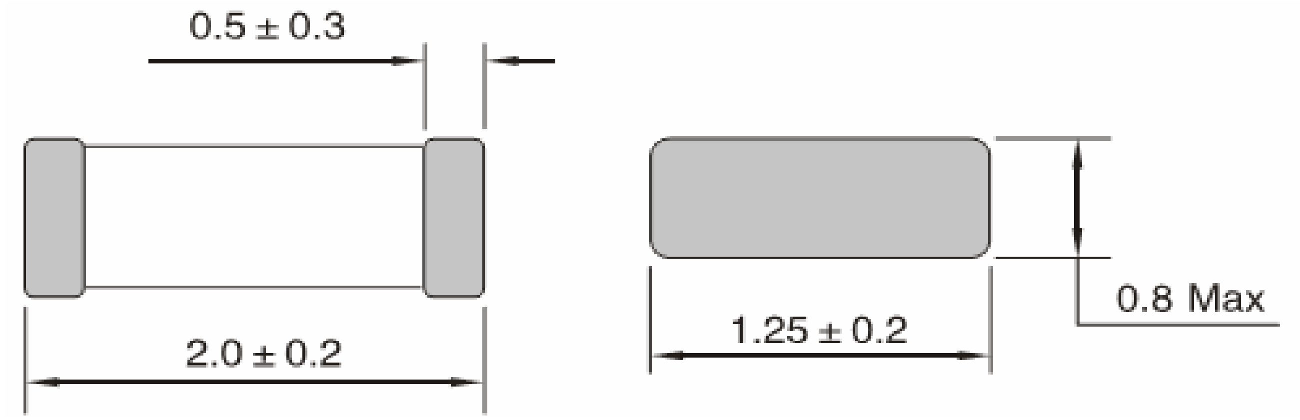


REACH RoHS Lead Free

EDCON®
COMPONENTS
A MEMBER OF EDCON-GROUP

TECHNICAL INFORMATIONS

Dimensions (mm)



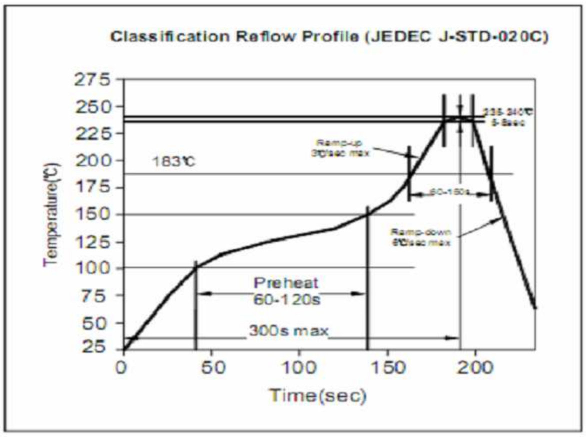
Ordering Information

Serie and Range
S11006-330

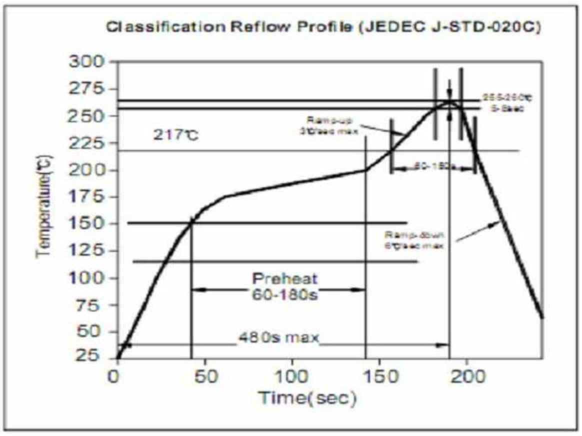
Tolerance	ROHS	Packing
K	**R**	**TR**

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

Soldering Profile for Lead Free Soldering 235-240°C



Soldering Profile for Lead Free Soldering 255-260°C



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