

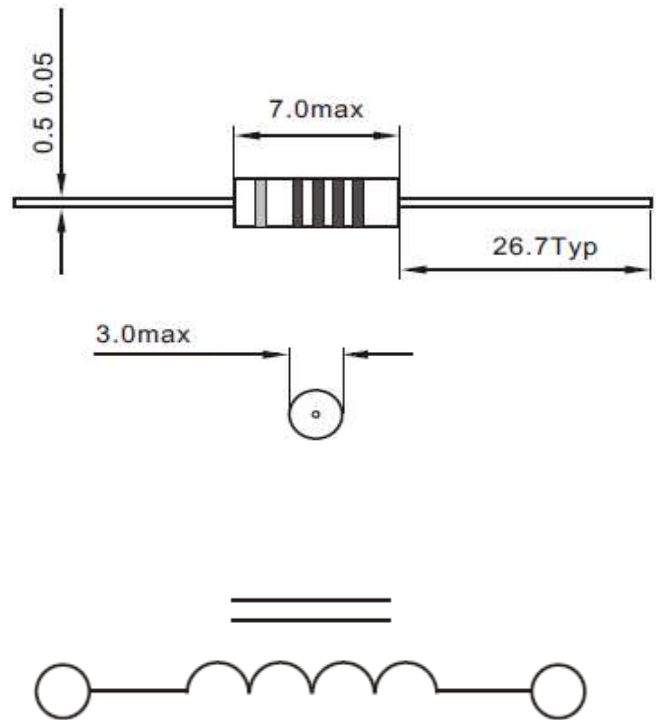


Technical Specification

Features

Ferrite Core
 Wire Wound construction
 Heat Resistant epoxy molded resin
 High reliability Ideal for automatic insertion
 Small Size
 Tolerance 10% is standard tighter tolerance available

Dimensions



Applications

VCRs, PDP LCD, TV set
 Automotive Systms
 Computer Peripheral Equipment
 GPS, DC/DC Converter,
 XDSL Modem
 Electronic Games
 Mobile Communikations Equipment
 General Electronic Applications

Electrical Characteristics

Technical Information

Inductance Testing: HP4284A, HP 4285A equivalent
 RDC: Quad Tech 1880 Milliohmeter
 Q-HP4342A
 SRF-HP4191A or HP4194A
 Rated Current L value drop 10% typ.at Idc against
 ist initial value.
 Temperature rise: 40 Max. Reference ambient temper.
 Solderability: 75° of the lead wire shall be covered
 SolderingMethods: Wave ; Reflow
 Operating Temperature: -25°C ~ +85°C
 Storage Temperature: -55°C ~ +105°C
 Terminal bending strength: 24,5N min.
 Moisture resistance: L/L 10% Q/Q 25%

Inductance	Inductance Code	IDC	DCR max.
1000µH	102	0,040A	33,0Ω

Tol.20%	Q min.	L-Test Freq.	SRF
10%	50	0,796MHz	1,40MHz

THT AXIAL MOLDED Choke

Part No.: **S10A02**

Customer:

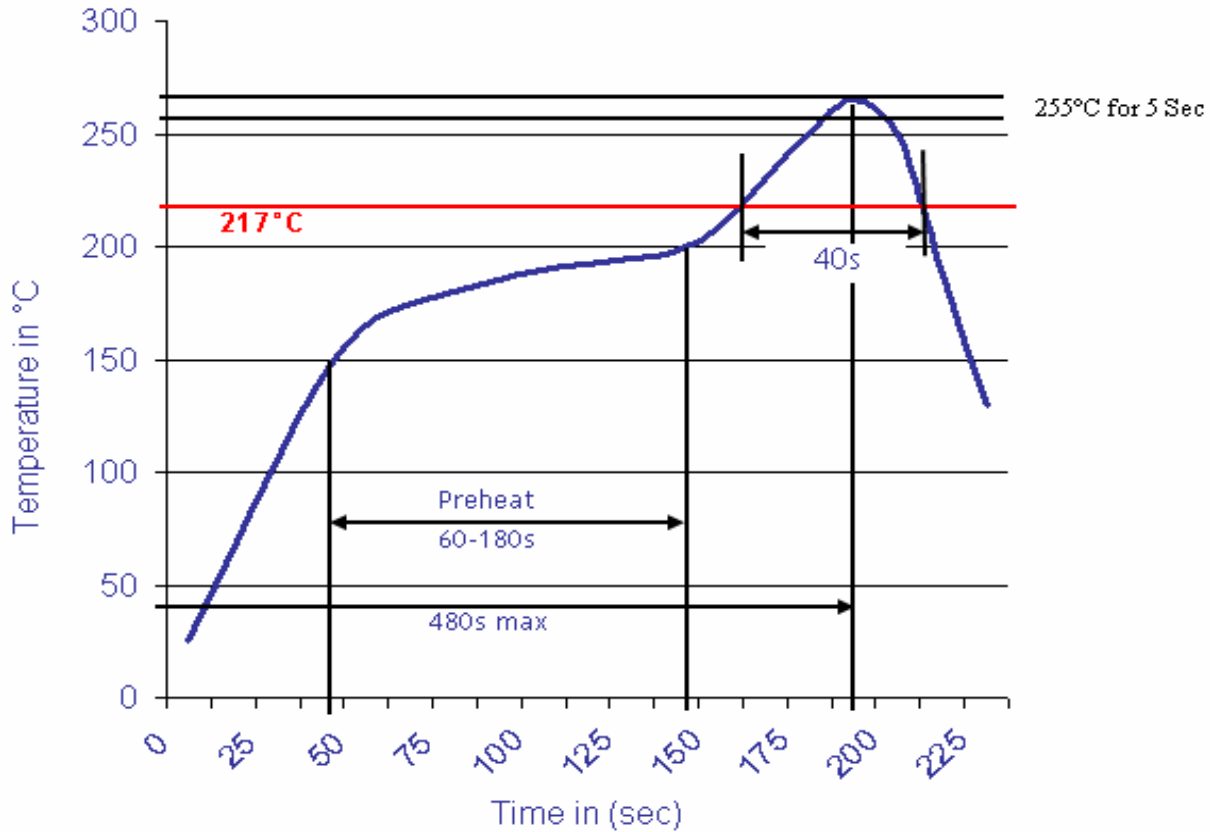
DRW:	James	CHKD	Jim	MATL:	Wim	DATE	05.07.2007
APPD:	Sarah			FINISH	Jeff	Sheet	1 from 2

Copyright by EDCON-COMPONENTS H.Schmitt



Soldering Profile

Classification Reflow Profile (JEDEC J-STD-020C)



Ordering Information

Serie	Inductance	Tolerance	Function	ROHS	Packing
-------	------------	-----------	----------	------	---------

S10A02	102	K	N	R	TR
---------------	------------	----------	----------	----------	-----------

102= 1000µH	K= Tol. 10%	N= No function	R= ROHS conform	BU= Bulk Ware
	J= Tol. 5%		N= NON ROHS conform	
				TR= Tape Reel Package

THT AXIAL MOLDED Choke	
Part No.:	S10A02
Customer:	

DRW:	James	CHKD	Jim	MATL:	Wim	DATE	05.07.2007
APPD:	Sarah			FINISH	Jeff	Sheet	2 from 2

