

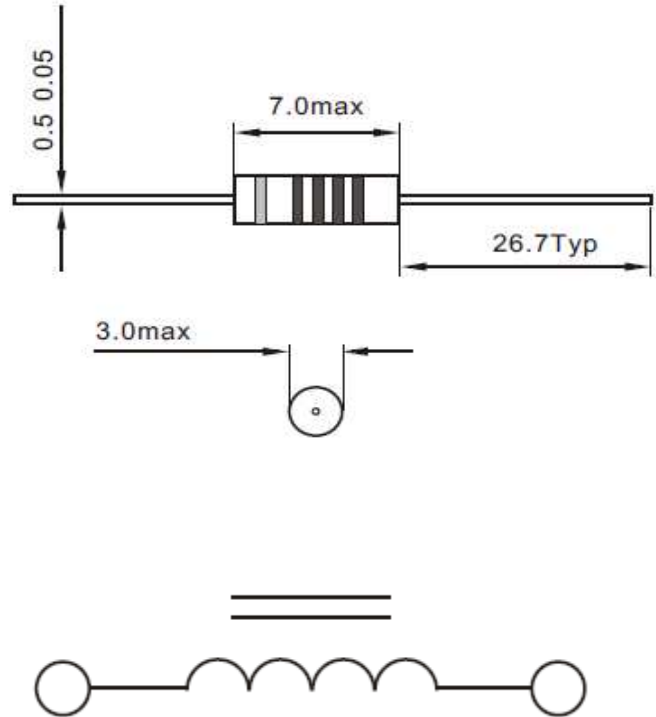


## Technical Specification

### 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 Milliohm meter  
 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.
680μH	681	0,045A	28,0Ω

Tol.20%	Q min.	L-Test Freq.	SRF
10%	50	0,796MHz	1,95MHz

### THT AXIAL MOLDED Choke

Part No.: **S10A02**

Customer:

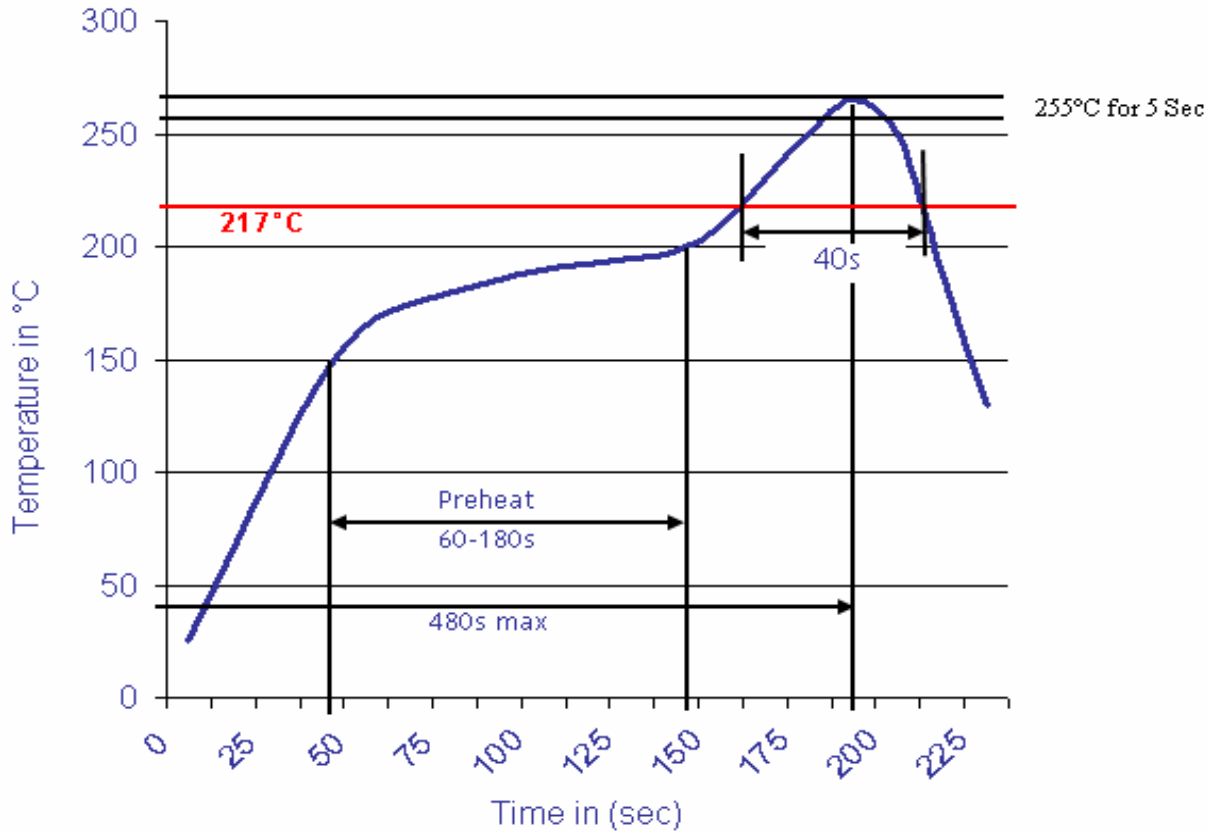
DRW:	James	CHKD	Jim	MATL:	Wim	DATE	05.07.2007
APPD:	Sarah			FINISH	Jeff	Sheet	1 from 2

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**Soldering Profile**

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



**Ordering Information**

Serie	Inductance	Tolerance	Function	ROHS	Packing
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<b>S10A02</b>	<b>681</b>	<b>K</b>	<b>N</b>	<b>R</b>	<b>TR</b>
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681= 680µH	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**

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