



Technical Specification

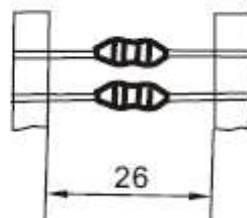
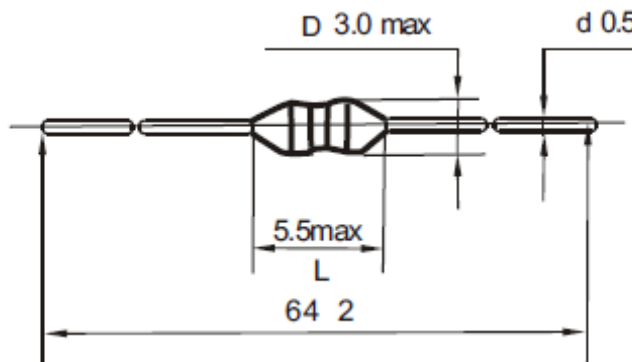
Features

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

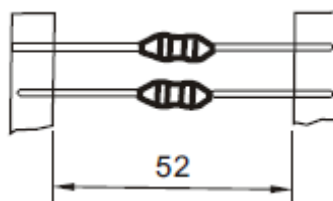
Applications

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

Dimensions



TB26



TB52

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.
180μH	181	0,080A	16,000Ω

	Q min.	L-Test Freq.	SRF
	50	0,796MHz	3,3MHz

THT AXIAL Standard Coated Inductors

Part No.: **S10A14**

Customer:

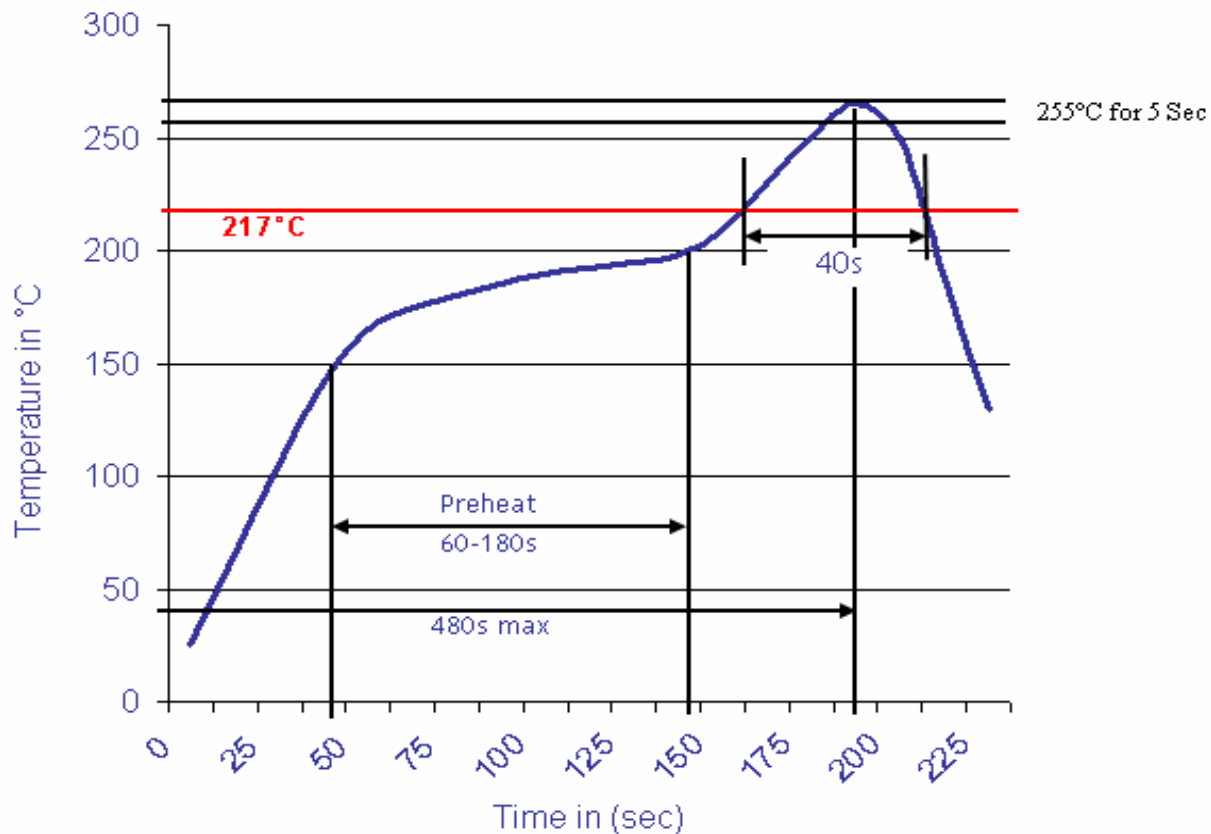
DRW:	James	CHKD	Jim	MATL:	Wim	DATE	06.08.2008
APPD:	Sarah			FINISH	Jeff	Sheet	1 from 2

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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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S10A14	181	K	N	R	TB52	
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181= 180µH	K= Tol. 10%	N= No function	R= ROHS conform	BU= Bulk Ware
	J= Tol. 5%		N= NON ROHS conform	TB26= Tape Box Package
				TB52= Tape Box Package

THT AXIAL Standard Coated Inductors

Part No.: **S10A14**

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