



## DISCRIPTION

## **FEATURES**

To be high saturation for surface mounting. Surface mount inductor with high current rating. Low resistance to keep power loss minimum.

## **OPTIONS**

Tape & Reel is Standard Tolerance: M=20% is Standard, Tighter Tolerances Available

#### **APPLICATIONS**

LCD driving circuits ( DC-DC converters ) such as notebook-sized personal computers, portable terminal equipment, game units.

## **PHYSICAL CHARACTERISTICS**

- Inductance is measured by LCR-meter 4284A (HP) or equivalent.
- DC Resistance is measured by HP4338B Milliohms Meter or equivalent.
- Rated current is measured by LCR-meter 3260B (WK) & DC Bias 3265B(WK).
- Rated current : Value obtained when current flows and the temperature has risen to 40°C or when DC current flows and the initial value of insuctance has fallen by 35%, whichever is smaller.
- Operating temperature -55°C ~ +125°C
- All test data is referenced to 25°C ambient

# ELECTRICAL SPECIFICATIONS

Properties	Test conditions		Value	Unit	Tol.
Inductance		L	180	μH	see Site 2
Q factor		Q			min.
DC-resistance		DCR typ.		Ω	typ.
DC-resistance		DCR max.	1,54	Ω	max.
Self-Res. Freq.		SRF		MHz	min.
Test-Freq.			100	KHz	
Rated Current		IDC	0,22	Α	max.
Saturation Current		Isat		Α	max.

of this compo aerospace, subn public informatio	component is mea onent into any equi narine, nuclear cor n network, etc. or i	POWER INDUCTOR					
-Components must be informed before the stage of design-in. Evaluation checks for safety have to be						Part No.:	S26013-181
performed on each electronic components used in electrical circuits that require high safety and reliability functions.						Customer:	
DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	29.06.2009
APPD:	Pong			FINISH	Vienna	Sheet	1 from 2

Copyright by EDCON-COMPONENTS

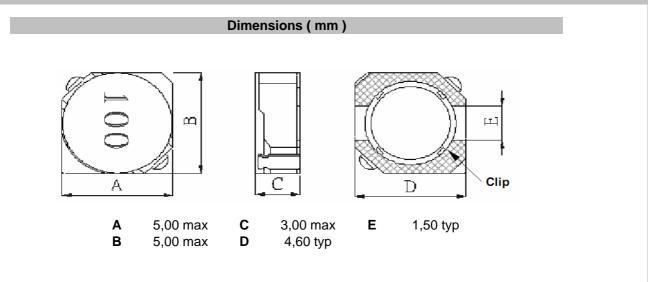
www.edcon-components.com

email: info@edcon-components.com





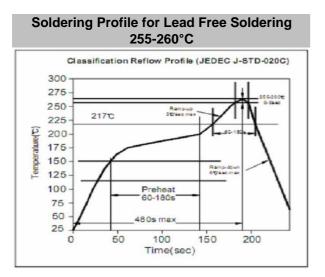
#### **TECHNICAL INFORMATIONS**

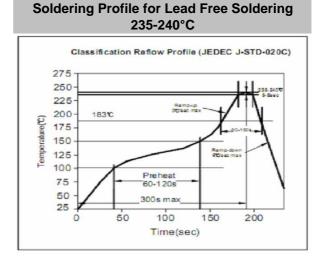


#### **Ordering Information**

Serie and Range
S26013-181

Tolerance	ROHS	Packing		
М	R	TR		
<b>K</b> = 10%	<b>R =</b> ROHS	BU = Bulk Ware		
<b>M</b> = 20%	N = non ROHS	TR = Tape Reel		





<ol> <li>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</li> </ol>						SMT SHIELDED POWER INDUCTOR		
						Part No.:	S26013-181	
functions.						Customer:		
	DRW:	Chang	CHKD	Young	MATL:	Chu Chi	DATE	29.06.2009
	APPD:	Pong			FINISH	Vienna	Sheet	2 from 2

www.edcon-components.con

Copyright by EDCON-COMPONENTS

email: info@edcon-components.com