



## DISCRIPTION

# **FEATURES**

Excellent solderability and high heat resistance. Excellent terminal strength construction. Packed in embossed carrier tape and can be used by automatic mountic machine.

# **OPTIONS**

Tape & Reel is Standard Bulk Packing Available for smaller quantites Tolerance: M=20% is Standard

### **APPLICATIONS**

VCR OA equipment LCD televison set notebook DC to DC converters DC to AC inverters

# PHYSICAL CHARACTERISTICS

- Inductance is measured by LCR-meter 4284A/4286A (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) at 1.0KHz/1.0V
- Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).
- 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	22	μH	see Site 2
Q factor		Q			min.
DC-resistance		DCR typ.		Ω	typ.
DC-resistance		DCR max.	0,60	Ω	max.
Self-Res. Freq.		SRF		Mhz	min.
Test-Freq.			2,52	Mhz	
Rated Current		IDC	0,30	Α	max.
Saturation Current		Isat		Α	typ.

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-Components	Part No.:	S18	8013-220					
performed on each electronic components used in electrical circuits that require high safety and reliability functions.						Customer:		
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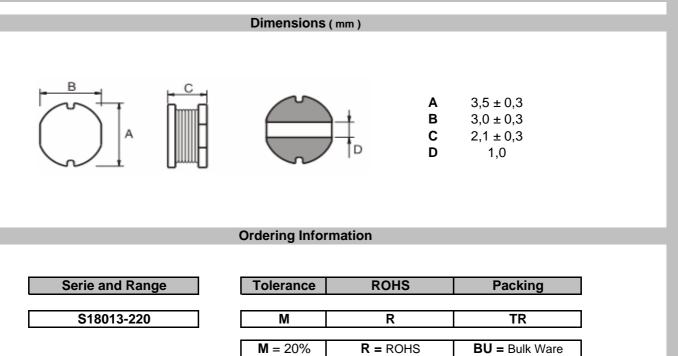
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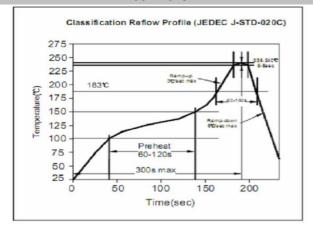


#### **TECHNICAL INFORMATIONS**



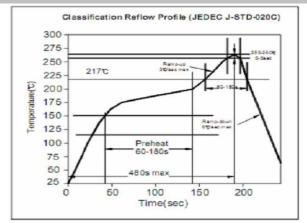
N = non ROHS

#### Soldering Profile for Lead Free Soldering 235-240°C



#### Soldering Profile for Lead Free Soldering 255-260°C

TR = Tape Reel



of this component into any equipment with higher and more reliable requirements such as aviation,							H CURRENT MT Power IDUCTOR	
-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						Part No.:	S18013-220	
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