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**General Information**

Series	SBC6
Style	Through-Hole Drum
Core	Ferrite
Description	Radial Leaded, Ferrite Power Inductors
Features	DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core
RoHS	Yes
Lead	Wire Leads
Miscellaneous	Soft Lead Terminal

**Dimensions**

D	12mm MAX
L	15mm MAX
S	8.5mm NOM
F	0.6mm NOM

**Packaging Specifications**

Typical Component Weight	5.4 g
Packaging	Bulk
Packaging Quantity	1600

**Specifications**

Inductance	47 uH (0.01 MHz)
Inductance Tolerance	10%
Rated Current	2.3 Amps
Temperature Range	-20/+105°C
Shielded	No
DC Resistance	80 mOhms
DC Resistance	0.08 Ohms

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