

SBC1-6R8-182

Aliases (UPIN16R8182000)
 KEMET, SBC1, Ferrite, 20%, 6,800 nH, 5.5 mm, 3 mm



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Dimensions	
D	5.5mm MAX
L	8.5mm MAX
S	3mm NOM
F	0.3mm NOM
Packaging Specifications	
Typical Component Weight	500 mg
Packaging	Bulk
Packaging Quantity	10000

General Information	
Series	SBC1
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

Specifications	
Inductance	6.8 uH (0.01 MHz)
Inductance Tolerance	20%
Rated Current	1.8 Amps
Temperature Range	-20/+105°C
Shielded	No
DC Resistance	60 mOhms
DC Resistance	0.06 Ohms

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