

KEMET Part Number: SBC1-1R0-312
(UPIN11R0312000)

KEMET, SBC1, Power, 1 uH, 20%, 3mm



General Information

Series:	SBC1
Style:	Through-Hole
Description:	Radial Leaded, Ferrite Power Inductors
Features:	DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core
RoHS:	Yes
Lead:	Wire Leads
Core:	Ferrite
Miscellaneous:	Soft Lead Terminal

Dimensions

D	5.5mm MAX
L	8.5mm MAX
S	3mm NOM
LL	3.5mm +1/-0.5mm
F	0.3mm NOM

Specifications

Inductance:	1 uH
Inductance Tolerance:	20%
Temperature Range:	-20/+105°C
Shielded:	No
Current:	3.1 Amps
DC Resistance:	0.03 Ohms

Packaging Specifications

Component Weight:	350 mg
Packaging:	Bulk
Packaging Quantity:	10000