

KEMET Part Number: SBC4-6R8-452
(UPIN46R8452000)

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KEMET, SBC4, Power, 6.8 uH, 20%, 5.5mm



General Information

Series:	SBC4
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	9mm MAX
L	12mm MAX
S	5.5mm NOM
LL	3.5mm +1/-0.5mm
F	0.6mm NOM

Specifications

Inductance:	6.8 uH
Inductance Tolerance:	20%
Temperature Range:	-20/+105°C
Shielded:	No
Current:	4.5 Amps
DC Resistance:	0.03 Ohms

Packaging Specifications

Component Weight:	1.972 g
Packaging:	Bulk
Packaging Quantity:	3000

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