

KEMET Part Number: SBC3-682-111
(UPIN3682111000)

KEMET
a YAGEO company

KEMET, SBC3, Power, 6800 uH, 10%, 5mm



General Information

Series:	SBC3
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:	Pin Lead Terminal

Dimensions

D	9mm MAX
L	11.5mm MAX
S	5mm +/-0.5mm
LL	5mm +/-1mm
F	0.6mm NOM

Specifications

Inductance:	6800 uH
Inductance Tolerance:	10%
Temperature Range:	-20/+105°C
Shielded:	No
Current:	0.11 Amps
DC Resistance:	14.5 Ohms

Packaging Specifications

Component Weight:	1.8 g
Packaging:	Bulk
Packaging Quantity:	4000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

KEMET
a YAGEO company