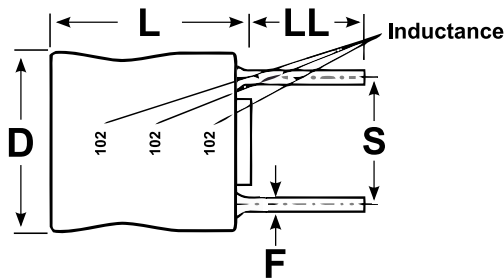


KEMET Part Number: SBC3-6R8-392  
(UPIN36R8392000)



KEMET, SBC3, Power, 6800 nH, 20%, 5.5mm



| 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:      | Soft Lead Terminal                                |

| Dimensions |                 |
|------------|-----------------|
| D          | 9mm MAX         |
| L          | 9mm MAX         |
| S          | 5.5mm NOM       |
| LL         | 3.5mm +1/-0.5mm |
| F          | 0.6mm NOM       |

| Specifications        |                   |
|-----------------------|-------------------|
| Inductance:           | 6.8 uH (0.01 MHz) |
| Inductance Tolerance: | 20%               |
| Temperature Range:    | -20/+105°C        |
| Shielded:             | No                |
| Current:              | 3.9 Amps          |
| DC Resistance:        | 0.03 Ohms         |

| Packaging Specifications |       |
|--------------------------|-------|
| Weight:                  | 1.6 g |
| Packaging:               | Bulk  |
| Packaging Quantity:      | 4000  |

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