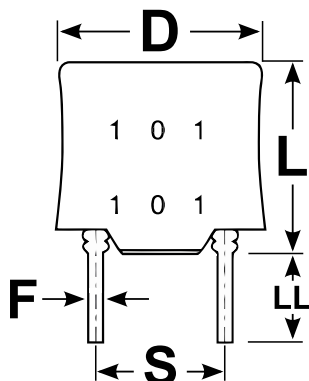


**KEMET Part Number: SBCP-87HY471H**  
(UPIO87HY471H00)

KEMET, SBCP-87HY, Power, 470 uH, 10%, 5mm



#### Dimensions

Dimension	Value
<b>D</b>	9.5mm MAX
<b>L</b>	8.5mm MAX
<b>S</b>	5mm +/-0.5mm
<b>LL</b>	3.5mm +/-0.5mm
<b>F</b>	0.6mm NOM

#### Packaging Specifications

<b>Weight:</b>	1.6 g
<b>Packaging:</b>	Ammo
<b>Packaging Quantity:</b>	2000

#### General Information

<b>Series:</b>	SBCP-87HY
<b>Style:</b>	Through-Hole
<b>Description:</b>	Radial Leaded, Ferrite Power Inductors
<b>Features:</b>	DC-DC Converters, Nickel-Zinc (NiZn) Ferrite Core
<b>RoHS:</b>	Yes
<b>Lead:</b>	Wire Leads
<b>Core:</b>	Ferrite
<b>Notes:</b>	Contains 4 Reels of 500 pieces each.

#### Specifications

<b>Inductance:</b>	470 uH (0.01 MHz)
<b>Inductance Tolerance:</b>	10%
<b>Temperature Range:</b>	-20/+105°C
<b>Shielded:</b>	No
<b>Current:</b>	0.42 Amps
<b>DC Resistance:</b>	1.3 Ohms