

## Overview

The KEMET SS Coils, SSB11V-R/11H-R Type AC line filters are offered in a wide variety of sizes and specifications.

## Applications

- Consumer Electronics
- Common mode choke for Class B

## Benefits

- Wide variety of sizes and specifications
- Inductances up to 9 mH
- Rated Currents up to 1.7 A
- DC Resistances as low as 0.18 Ω

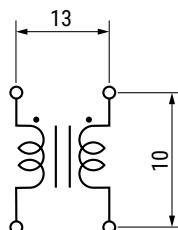
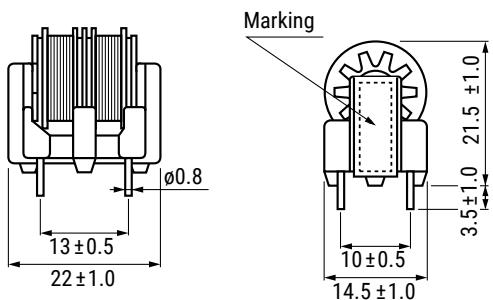


## Part Number System

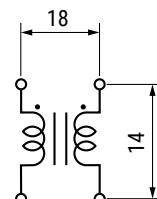
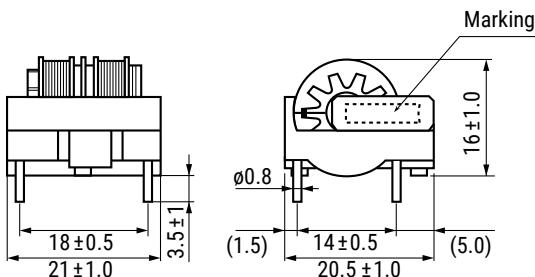
SS	B	11	V-	R	13	90
Series	Thermal Class	Core Size (mm)	Core Orientation	Core Type	Rated Current AC (A)	Inductance (mH) Minimum
SS	B = B (130°C)	11 = 11.0 mm	H = Horizontal V = Vertical	R = High permeability	xx = x.x A  Example: 13 = 1.3 A	0xx = x.x mH  Example: 090 = 9.0 mH

## Dimensions – Millimeters

SSB11V-R



SSB11H-R



## Environmental Compliance

All KEMET AC Line Filters are RoHS Compliant.



## Table 1 – Ratings & Part Number Reference

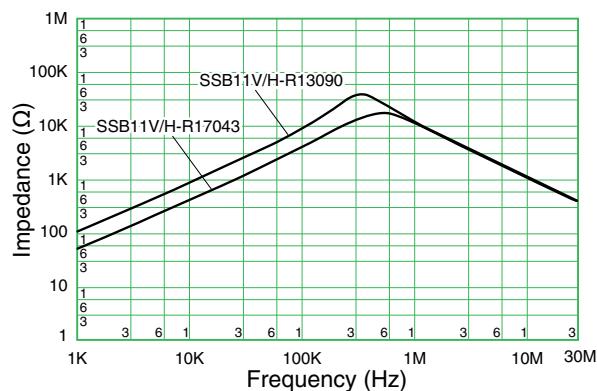
Part Number	Rated Current AC (A)	Inductance (mH) Minimum	DC Resistance/Line (Ω) Maximum	Temperature Rise (K) Maximum	Weight (g) Approximate
SSB11H-R13090	1.3	9.0	0.38	60	11
SSB11V-R13090	1.3	9.0	0.38	60	11
SSB11H-R17043	1.7	4.3	0.18	40	11
SSB11V-R17043	1.7	4.3	0.18	40	11

(1) To complete KEMET part number, insert V for vertical core type or H for horizontal core type.

## Specifications

Item	SSB11V-R/11H-R
Rated Voltage	250 VAC
Withstanding Voltage	2,400 VAC (2 seconds, between lines)
Insulation Resistance	> 100 MΩ at 500 VDC (between lines)
Thermal Class	B (130°C)
Operating Temperature Range	-25°C to T (T = 130 – temperature rise)
Inductance Measurement Condition	1 kHz, 1 V, KC530

## Frequency Characteristics



## Notes on Use

### Shelf Life

- Use within 6 months. If the product is used after a storage period of 6 months or longer, confirm its solderability before use.

### Storage Condition

- Avoid storage in high temperature and high humidity environment, as such condition may deteriorate the solderability of external electrode.
- Avoid storage in atmosphere containing toxic gases or acid (e.g., sulphur and chlorine), as such gas may deteriorate the solderability of external electrode.
- Avoid storage near strong magnetic field, as such condition may magnetize the product.

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Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated or that other measures may not be required.

# Mouser Electronics

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