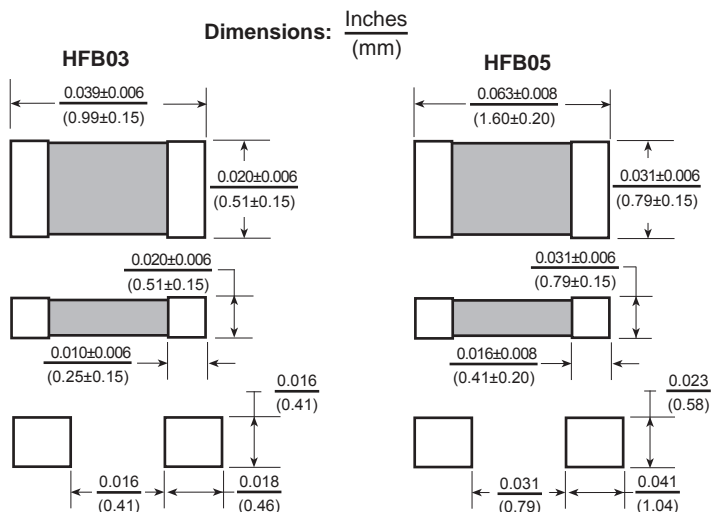
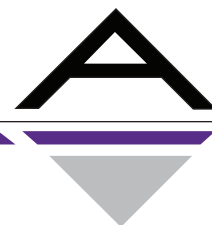


# HFB03 & 05

## High Frequency Ferrite Beads



### Features

- Surface mount EMI suppression components
- Nickel barrier termination for excellent resistance to solder heat
- Offers Impedance performance at high frequencies
- Multi layer technology
- Flow and reflow soldering

### Electrical

#### Impedance Range:

HFB03 600 to 1000Ω

HFB05 470 to 1500Ω

**Tolerance:** 25% over entire range

**Operating Temp:** -55°C ~ +125°C

**Storage Temp:** Under 25°C at 40~60% Humidity

**Rate Current:** Based on temp rise not to exceed 30°C

### Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

Solder Composition: Sn/Ag3.0/Cu0.5

Solder Temp: 260±5°C for 10sec ±1 sec.

Minimum of 75% of Electrode covered with new solder.

Impedance within 30% of initial value.

### Test Equipment

**(Z):** HP4291A RF Impedance/Material Analyzer

**(RDC):** Chen Hwa 502BC

### Physical

**Packaging:** HFB03 10000 pieces per 7 inch reel.

HFB05 4000 pieces per 7 inch reel.

**Marking:** None

Allied Part Number	Impedance(Ω) @ 100 MHz 25%	Impedance(Ω) @ 1 GHz 40%	DC (Ω) Max.	Rated Current (mA)
<b>HFB03</b>				
HFB03-601-RC	600	1000	0.7	300
HFB03-102-RC	1000	1400	1.1	250
<b>HFB05</b>				
HFB05-471-RC	470	600	0.7	200
HFB05-601-RC	600	700	0.8	200
HFB05-102-RC	1000	1000	1.5	100
HFB05-152-RC	1500	1500	1.6	100

All specifications subject to change without notice.

