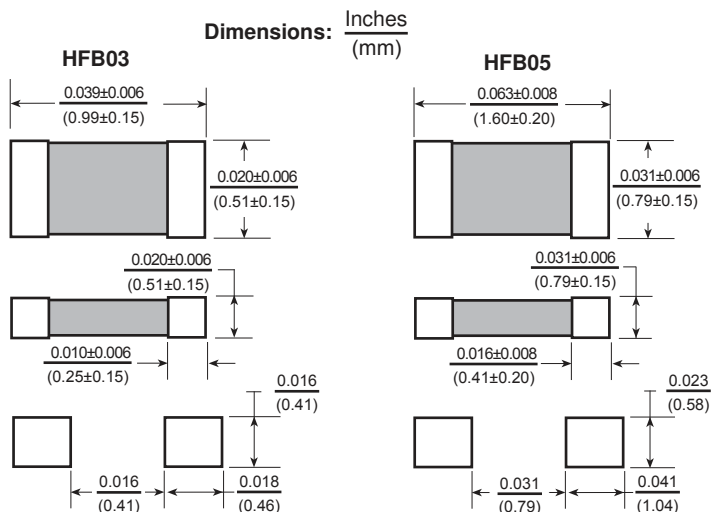


HFB03 & 05

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)
HFB03				
HFB03-601-RC	600	1000	0.7	300
HFB03-102-RC	1000	1400	1.1	250
HFB05				
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.

