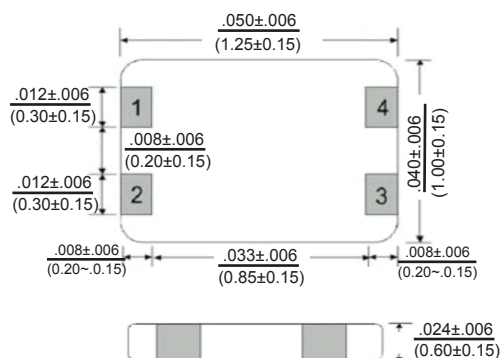
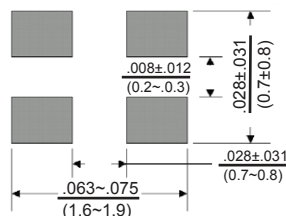


MLCMF05N2

Common Mode Filter


 Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$


Recommended Pattern

Features

- Miniature SMD common mode filter
- Multilayer Technology
- Excellent noise attenuation for signal lines in high speed applications
- Suitable for automated assembly
- Excellent solderability

Electrical

Impedance range: 67 to 90 ohms

Tolerance: 20% over entire range

Test Frequency: 100MHz

Operating Temp: -40°C to 105°C

IDC: The current at which the temperature of the part will rise by 30°C from its original value with no current

DCR: Single Wire Test Value

Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

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

Solder Temp: 260°C peak for 10 sec.

Test time: 6 minutes

Test Equipment

(Z): Agilent E4991A

(DCR): Chen Hwa 502BC Single wire test value

Insulation Resistance: HP4339B

Physical

Packaging: 4000 pieces per 7 inch reel

Marking: None

Allied Part Number	Impedance Z (Ω)	Tolerance (±%)	Test Frequency (MHz)	Rated Voltage (Vdc)Max	Rated Current (mA) Max	Insulation Resistance (MΩ) (min)	DCR Max. (Ω)
MLCMF05N2-670M-RC	67	20	100	10	200	200	1.35
MLCMF05N2-900M-RC	90	20	100	10	200	200	1.45

All specifications subject to change without notice.

