



Features

- Shielded construction
- Excellent impedance characteristics
- Rated current up to 6.5A
- Extremely Low DCR

General Specifications

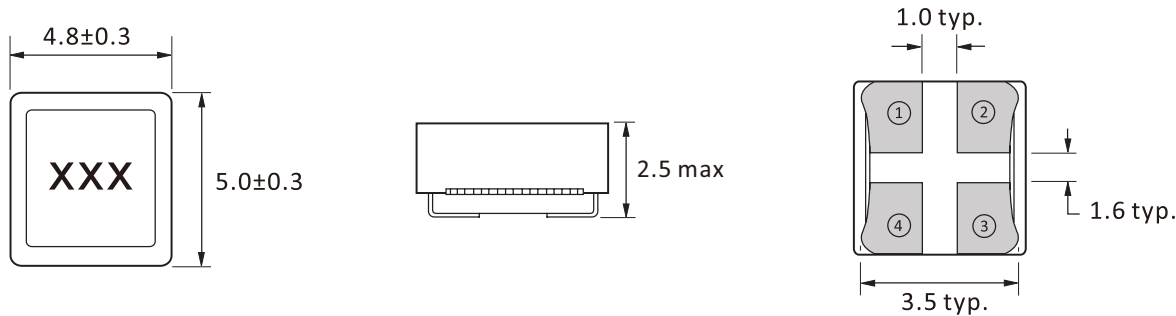
- Rated Voltage: 50Vdc
- Dielectric Withstanding Voltage: 125Vdc
- Operating temp range: -40°C to +125°C

Applications

- EMI suppression
- Switch Mode Power Supplies
- Variable Frequency Drives
- AC/DC power rectifiers



Dimensions & Configurations (Unit:mm)



Recommended Layout



Electrical Characteristics For MRCM5025 Series

Part Number	Impedance (Typ.) [Ω] at 100MHz	DCR [mΩ] (max)	Rated Current [A] (max)	Insulation Resistance [MΩ] (min)
MRCM5025-101	100	13	6.5	10
MRCM5025-251	250	20	5.0	10
MRCM5025-501	500	27	4.0	10
MRCM5025-102	1000	34	2.0	10
MRCM5025-142	1400	56	1.5	10

Rated Current is based on an Irms temperature rise of 40°C