

CHIP LC FILTERS



CFL1608 Series

❖ Features

- These T-type EMC filters comprise ferrite beads and chip capacitors and are engineered to handle high current levels.
- These LC filter exhibit excellent attenuation characteristics

❖ Applications

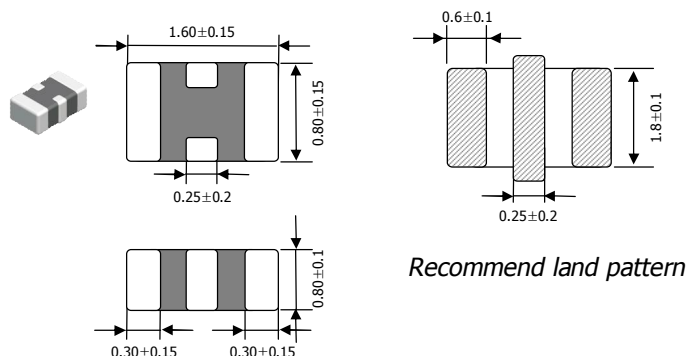
- Electric home appliances. (TV, DVD player, PC, etc)
- EMI noise is suppressed for clock signal lines.
- Noise countermeasure in graphic signal system.

❖ Characteristics

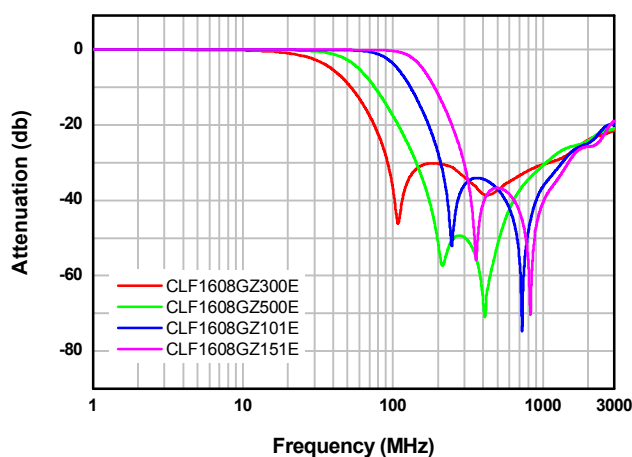
Part Number	Cut-off Frequency [MHz]	DCR [Ω] Max.	Rated Current [mA]	Insulation Resistance [$M\Omega$]	Typical Attenuation Range [MHz]
CLF1608GZ300E	30	1.0	100	100	65 - 2500 (20db)
CLF1608GZ500E	50	1.0	100	100	90 - 2500 (20db)
CLF1608GZ101E	100	1.0	100	100	210 - 2500 (20db)
CLF1608GZ151E	150	1.0	100	100	350 - 2500 (20db)

❖ Dimensions & Land pattern

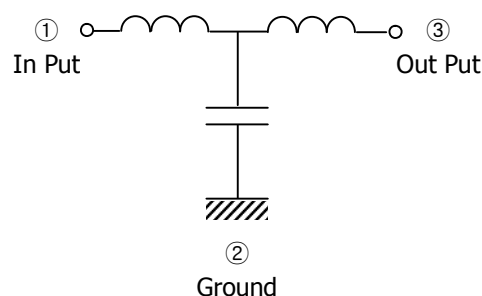
(unit : mm)



typical Insertion loss characteristics



Equivalent circuits



This description in the this catalogue is subject to change without notice