

Common Mode Filter

CMFP080604GN900MNC (0806/ EIA 0302)

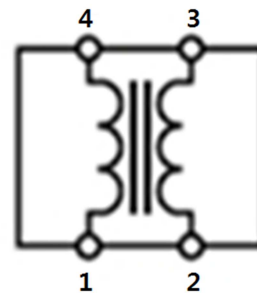
APPLICATION

High speed interface (USB2.0, Display port, HDMI, etc.) in electronic devices, such as portable audio players, smart phones, notebook PCs, tablet PCs, and digital TVs

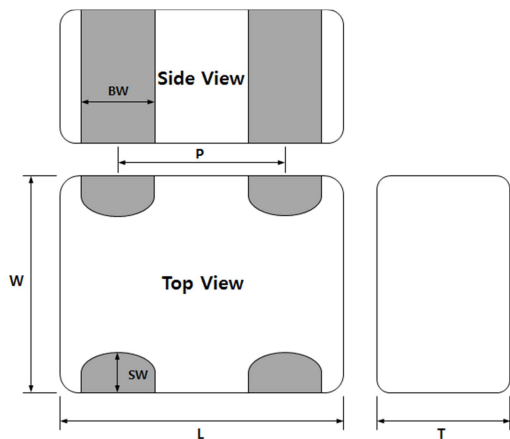
FEATURES

- A compact plating type common mode filter
- High common mode noise attenuation
- Excellent solderability and high heat resistance for either flow or reflow soldering
- Free of all RoHS-regulated substances

CIRCUIT DIAGRAM



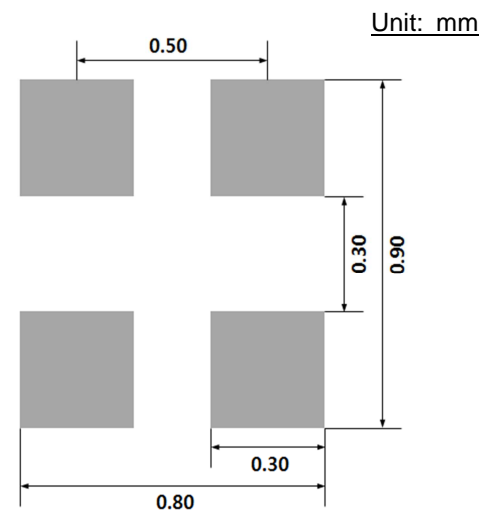
DIMENSION



Unit: mm

L	W	T
0.85±0.05	0.65±0.05	0.45±0.05
P	BW	SW
0.50±0.10	0.25±0.10	0.15±0.05

RECOMMENDED LAND PATTERN



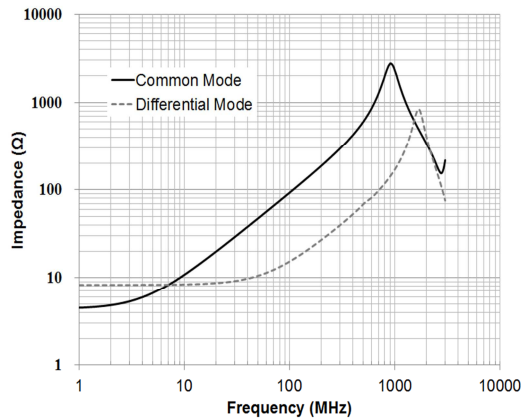
Unit: mm

DESCRIPTION

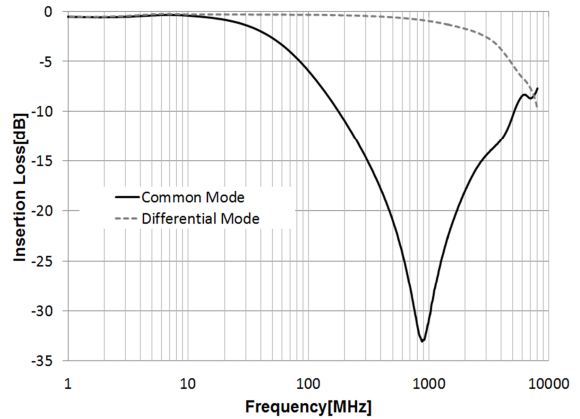
Part no.	Common Mode Impedance (Ω) @100MHz	DC Resistance (Ω) [1 line].	Rated Current (mA) Max.	Rated Voltage (V) Max.	Insulation Resistance (MΩ) Min.
CMFP080604GN900MNC	90Ω ± 20%	3.9 Max.	100	5	10

CHARACTERISTIC DATA

1) Impedance Characteristics



2) Transmission Characteristics



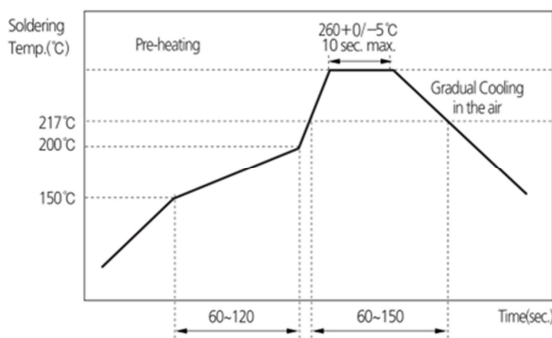
PRODUCT IDENTIFICATION

CMF P 080604 GN 900 M N C
 (1) (2) (3) (4) (5) (6) (7) (8)

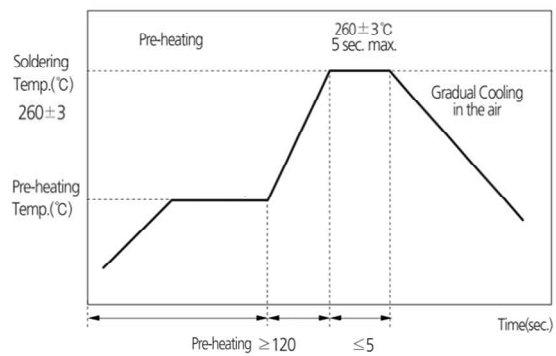
- | | |
|------------------------------------|--------------------------------|
| (1) Common Mode Filter | (2) Internal code |
| (3) Dimension | (4) Type code (GN: High speed) |
| (5) Common mode impedance(900:90Ω) | (6) Tolerance(M:±20%) |
| (7) Internal code | (8) Packaging(C:paper tape) |

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



FLOW SOLDERING



PACKAGING

Packaging Style	Quantity(pcs/reel)
Paper Taping	10,000

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 The data sheets include the typical data for design reference only. If there is any question regarding the data sheets, please contact our sales personnel or application engineers.