CHIP TYPE EMI FILTERS [CNF31 · CNH31 · CNH30 · CNH32 Series]

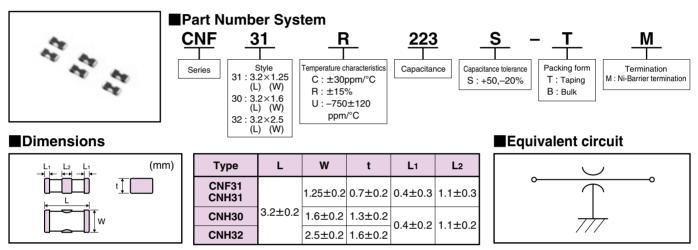
The CNF31 \cdot CNH30 \cdot CNH32 series is a 3-terminal EMI filter for SMT based on multilayer chip capacitor technology. The CNH series is suited for reducing EMI noise on DC power lines.

■Features

- Due to its small size and low residual inductance, noise reduction is possible at higher frequencies than conventional capacitors.
- High current rating (~2A), makes it well suited for reducing EMI noise on DC power lines.
- High capacitance (0.1µF max.) enables reduction of noise over a wide frequency range.
- Nickel and tin plated barrier terminations offer good solderability and resistance to soldering heat.
- RoHS Compliant.

■Applications

Noise reduction for signal lines and DC lines in computers, computer peripheral equipment, digital TV, DVD recorder, cellular telephone, automotive electronics, printer, FAX, etc.

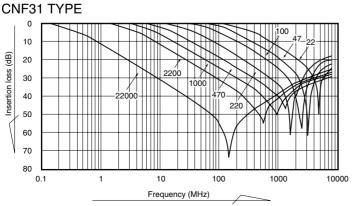


■Part Number List • Specifications

Part number	Capacitance	Capacitance tolerance	Rated voltage	Rated current	IR	DC resistance	Temp. range
CNF31C220S- M	22pF	+50, -20%	50V DC	0.3A DC	10,000Μ Ω min.		–55∼+125°C
CNF31C470S-□M	47pF						
CNF31C101SM	100pF						
CNF31C221S- M	220pF						
CNF31R471SM	470pF						
CNF31R102S- M	1,000pF						
CNF31R222S- M	2,200pF						
CNF31R223S- M	22,000pF						
CNH31U332S-□M	3,300pF		25V DC	2 A DC	1,000M Ω min.		
CNH31R223S- M	22,000pF		50V DC		10,000M Ω min.	⊣ แบxบmav I	
CNH31R473S-□M	47,000pF			1 A DC	5,000M Ω min.		
CNH30R104S- M	100,000pF		25V DC	2 A DC	1,000M Ω min.	0.07Ω max.	
CNH30R106MM	10 µ F	±20%	16V DC	6 A DC	50M Ω min.	10mΩmax.	−55~+85°C
CNH32R106MM	10 µ F		25V DC		50M Ω min.		
CNH30R226MM	22 µ F		6.3V DC		25M Ω min.		
CNH32R476MM	47 μ F		4.0V DC		10M Ω min.	5m Ω max.	

: "T" stands for taping package and "B" stands for bulk package

■Insertion loss (Reference)



CNH31, CNH30, CNH32 TYPE

