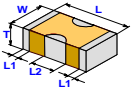


# High capacitance 3-terminal capacitors

## CNH10 series

Rated voltage: 6.3 ~ 25Vdc, Capacitance: 6800pF ~ 1 μF

### Dimensions

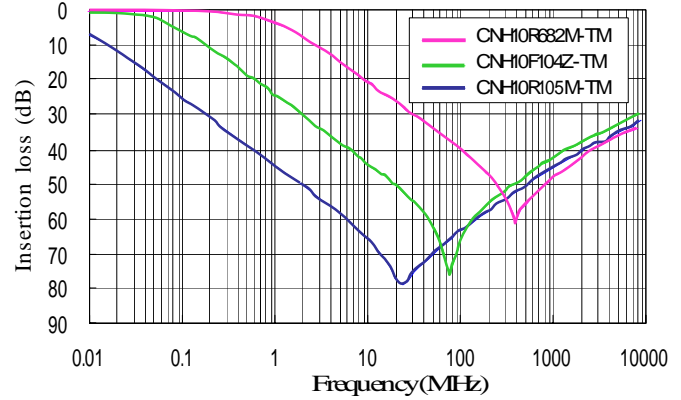


type	L	W	T
CNH10	1.6 ± 0.2	0.8 ± 0.15	0.6 ± 0.15

### Part number list · Specifications

Part number	Capacitance	Rated voltage	Rated current
CMH10R682M-TM	6800pF	16V DC	2.5A
CNH10F104Z-TM	0.1 μF	25V DC	1.5A
CNH10R105M-TM	1.0 μF	6.3V DC	3A

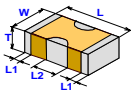
### Insertion loss (CNH10 series)



## CNH20,30,32 series

Rated voltage: 4 ~ 25Vdc, Capacitance: 1 μF ~ 47 μF

### Dimensions

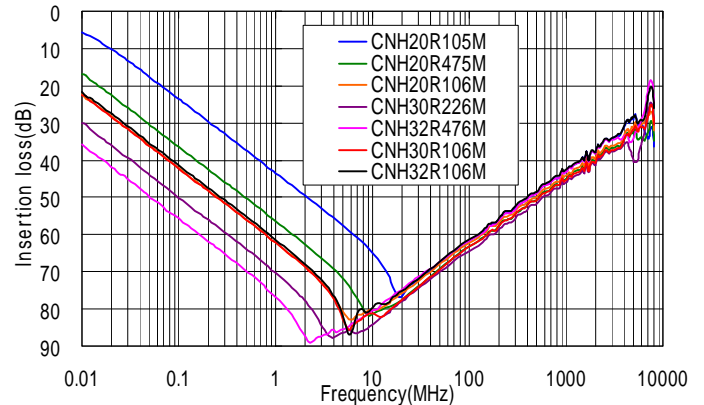


type	L	W	T
CNH20	2.0 ± 0.2	1.25 ± 0.2	1.0 ± 0.2
CNH30	3.2 ± 0.3	1.6 ± 0.3	1.3 ± 0.3
CNH32	3.2 ± 0.3	2.5 ± 0.3	1.6 ± 0.3

### Part number list · Specifications

Part number	Capacitance	Rated voltage	Rated current
CNH20R105M-TM	1.0 μF	16V DC	4A
CNH20R475M-TM	4.7 μF	6.3V DC	5A
CNH20R106M-TM	10 μF	6.3V DC	6A
CNH30R226M-TM	22 μF	6.3V DC	6A
CNH32R476M-TM	47 μF	4.0V DC	8A
CNH30R106M-TM	10 μF	16V DC	6A
CNH32R106M-TM	10 μF	25V DC	6A

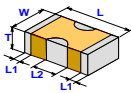
### Insertion loss (CNH20,30,32 series)



## CNS40,70,80 series

Rated voltage: 50Vdc, Capacitance: 2.2 μF ~ 4.7 μF

### Dimensions

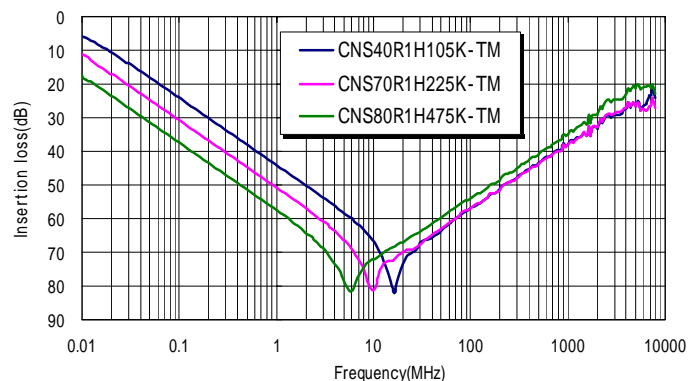


type	L	W	T
CNS40	3.2 ± 0.3	2.5 ± 0.3	1.6 ± 0.3
CNS70	4.5 ± 0.4	3.2 ± 0.3	1.6 ± 0.3
CNS80	5.7 ± 0.4	5.0 ± 0.4	1.6 ± 0.3

### Part number list · Specifications

Part number	Capacitance	Rated voltage	Rated current
CNS40R1H105K-TM	1.0 μF	50V DC	6A
CNS70R1H225K-TM	2.2 μF	50V DC	6A
CNS80R1H475K-TM	4.7 μF	50V DC	6A

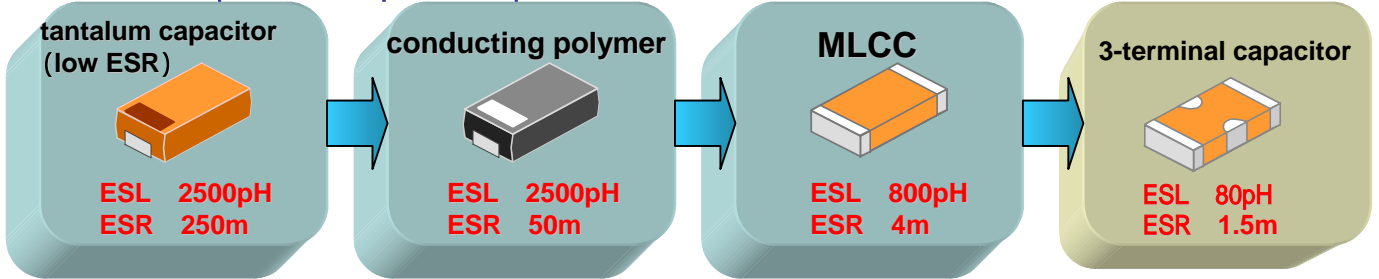
### Insertion loss (CNS40,70,80 series)



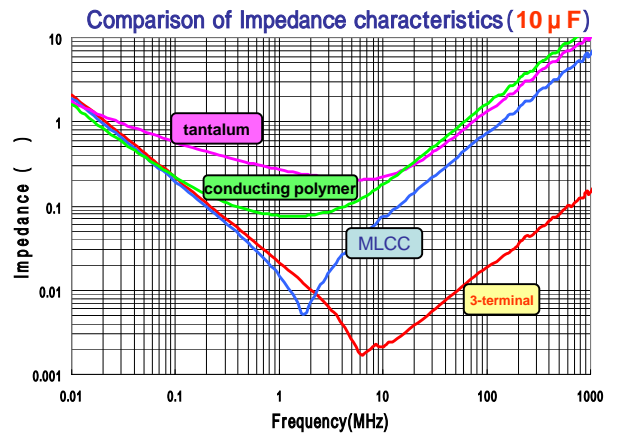
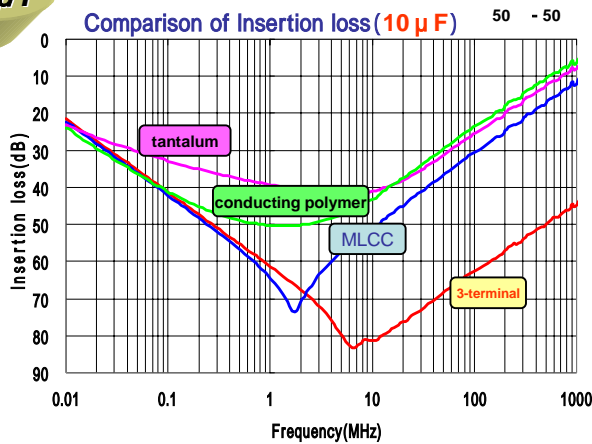
# Characteristics of high capacitance 3-terminal capacitors

**High capacitance 3-terminal capacitors ensure super-low ESL and ESR.**

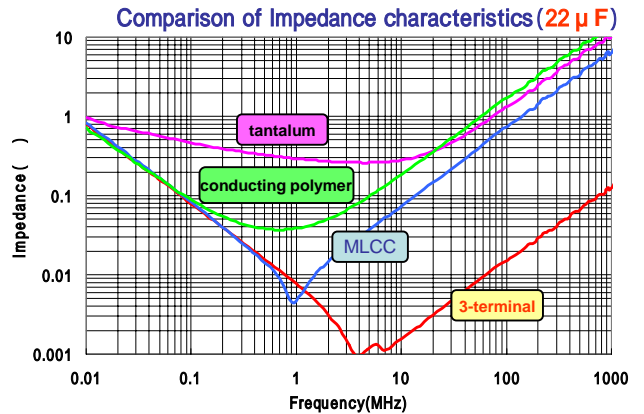
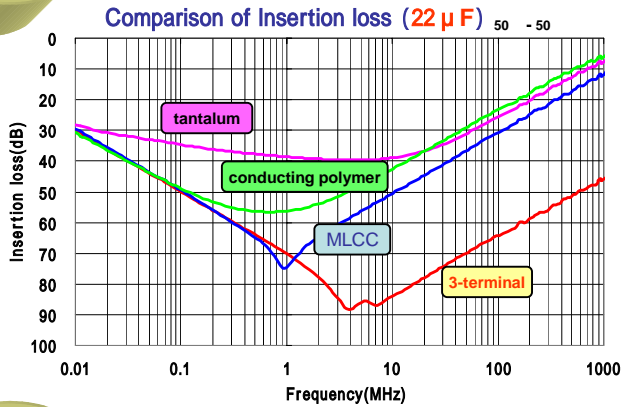
ESL and ESR comparisons at 10  $\mu$ F/6.3V capacitor



10  $\mu$ F



22  $\mu$ F



47  $\mu$ F

