

On-Board Type (DC) EMI Suppression Filters (EMIFIL®) for Automotive

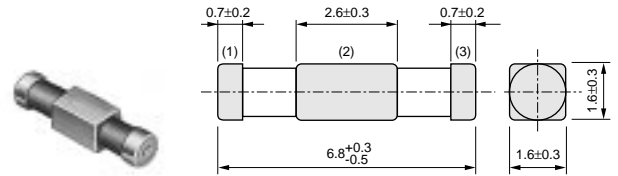


Chip EMIFIL® LC Combined Type for Large Current NFE61H Series

The T-type chip EMI Filter NFE61H series consists of a feedthrough capacitor and ferrite beads.

■ Features

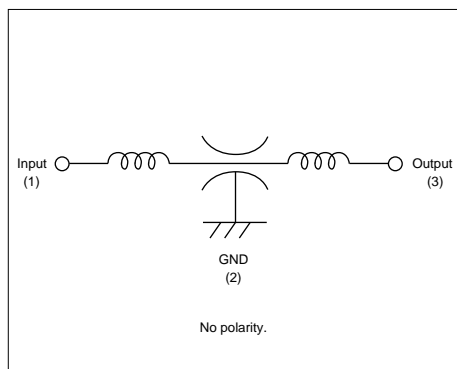
1. Its large rated current of 2A and low voltage drop due to small DC resistance are suitable for DC power line use.
2. The feedthrough capacitor realizes excellent high frequency characteristics.
3. The structure incorporates built-in ferrite beads which minimize resonance with surrounding circuits.
4. 33 to 3,300pF lineups can be used in signal lines.



(in mm)

Part Number	Capacitance (pF)	Rated Voltage (Vdc)	Rated Current (A)	Insulation Resistance (min.) (M ohm)	Operating Temperature Range (°C)
NFE61HT330U2A9	33 +30%, -30%	100	2	1000	-55 to +125
NFE61HT680R2A9	68 +30%, -30%	100	2	1000	-55 to +125
NFE61HT101Z2A9	100 +30%, -30%	100	2	1000	-55 to +125
NFE61HT181C2A9	180 +30%, -30%	100	2	1000	-55 to +125
NFE61HT361C2A9	360 +20%, -20%	100	2	1000	-55 to +125
NFE61HT681D2A9	680 +30%, -30%	100	2	1000	-55 to +125
NFE61HT102F2A9	1000 +80%, -20%	100	2	1000	-55 to +125
NFE61HT332Z2A9	3300 +80%, -20%	100	2	1000	-55 to +125

■ Equivalent Circuit



■ Insertion Loss Characteristics

