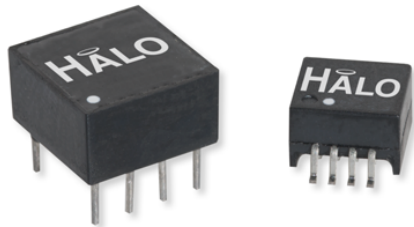


1:1:1:1 CMC Filters

8 Pin DIL and 8 & 16 Pin SMD Packages



Product Features:

- Standard series of CMC filters for Data Communications and Telecom Applications.
- Compatible with IEEE 802.3 and 802.5
- Hi Pot: 500Vrms
- Turns Ratio ($\pm 3\%$): 1:1:1:1
- UL recognized components

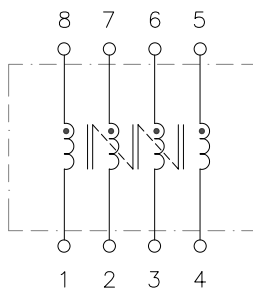
Single

Part Number	Package	PoE	OCL (μH typ.)	LL (μH max.)	Cw/w (pF max.)	DCR (Ω max.)	Impedance/Freq. Curve (typ.)	Temperature Range
LD11-0086FLF	DIL	N	8	0.10	10	0.20	A	0 to +70°C
LD11-0166FLF	DIL	N	16	0.15	15	0.25	B	0 to +70°C
LD11-0246FLF	DIL	N	24	0.20	18	0.25	C	0 to +70°C
LD11-0366FLF	DIL	N	36	0.25	20	0.25	D	-40 to +85°C
LG11-0246NTLF	NT	N	24	0.20	18	0.40	C	-40 to +85°C
LG11-0366NTLF	NT	N	36	0.20	20	0.45	D	-40 to +85°C
LG11-RP36NTLF	NT	Y	36	0.20	20	0.40	C	-40 to +85°C

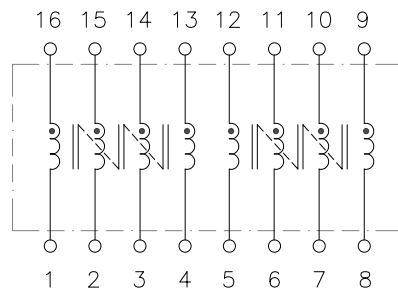
Dual

Part Number	Package	PoE	OCL (μH typ.)	LL (μH max.)	Cw/w (pF max.)	DCR (Ω max.)	Impedance/Freq. Curve (typ.)	Temperature Range
LG11-0346N1LF	N1	N	35	0.20	25	0.30	C	-40 to +85°C
LG11-0366N1LF	N1	N	36	0.20	20	0.45	D	-40 to +85°C

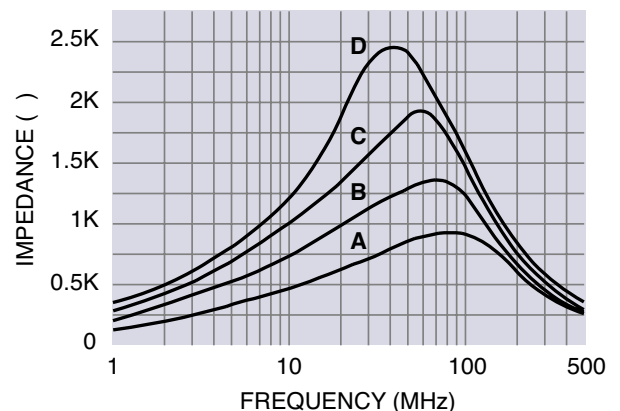
NT Schematic



N1 Schematic

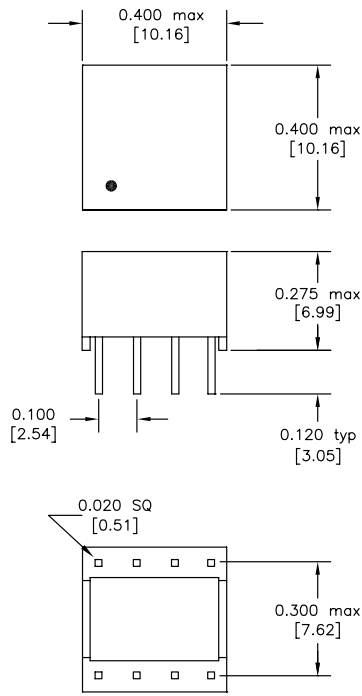


Impedance/Freq. Curve



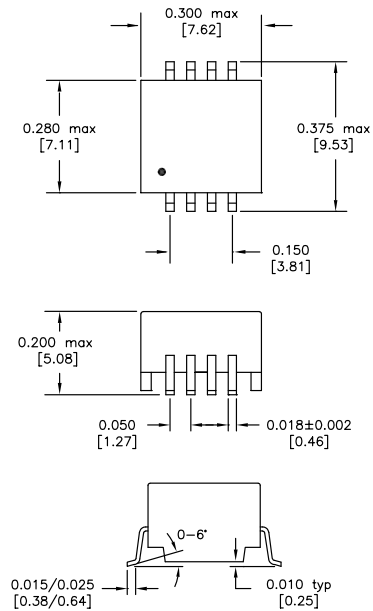
1:1:1:1 CMC Filters

DIL Package (F)

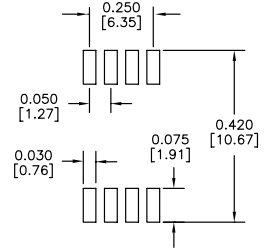


Dimensions: inches [mm]

NT Package (SMD)

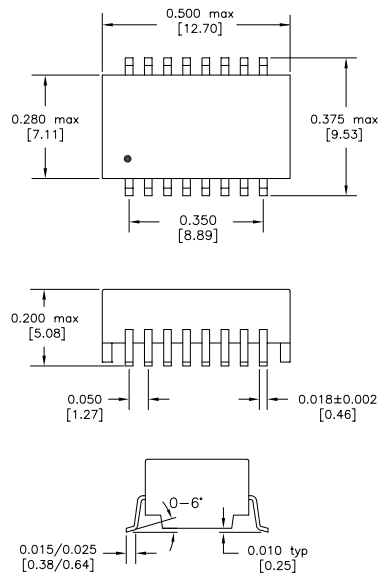


Recommended
Solder Pad Dimensions

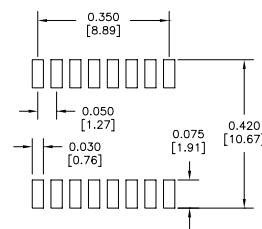


Dimensions: inches [mm]
Co-Planarity: 0.004 [0.10]

N1 Package (SMD)



Recommended
Solder Pad Dimensions



US Patent Numbers for SMD Devices
5,656,985 6,297,721 B1
6,297,720 B1 6,320,489 B1
6,344,785 B1 6,662,431 B1

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