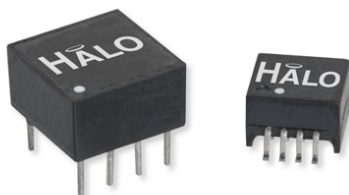


1:1:1:1 CMC Filters

8 Pin DIL and 8 & 16 Pin SMD Packages



Product Features:

- 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.)
LD11-0086FLF	DIL	N	8	0.10	10	0.20	A
LD11-0166FLF	DIL	N	16	0.15	15	0.25	B
LD11-0246FLF	DIL	N	24	0.20	18	0.25	C
LD11-0366FLF	DIL	N	36	0.25	20	0.25	D
LG11-0246NTLF	NT	N	24	0.20	18	0.40	C
LG11-0366NTLF	NT	N	36	0.20	20	0.45	D
LG11-RP36NTLF	NT	Y	36	0.20	20	0.40	C

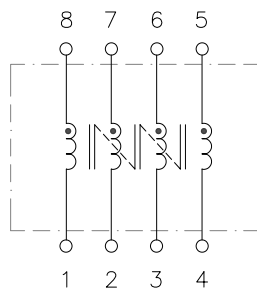
Dual

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

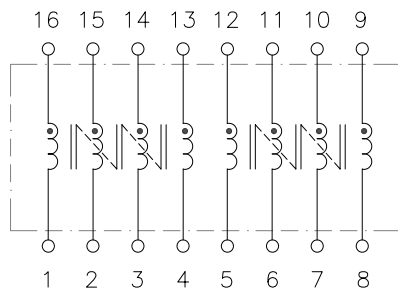
Notes:

1. Pb-Free parts are RoHS 6/6 compliant. RoHS (7a) parts contain lead per exemption 7a which is set to expire in July 2016.
2. Please contact the factory or representative for individual datasheets or additional information.
3. Parts on this datasheet can be used in -40 to $+85^\circ\text{C}$ applications.

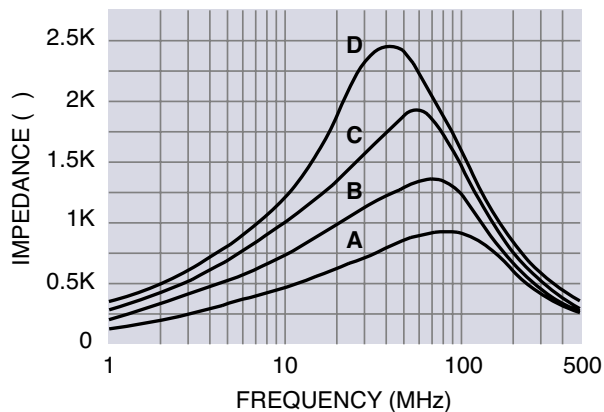
F/NT Schematic



N1 Schematic

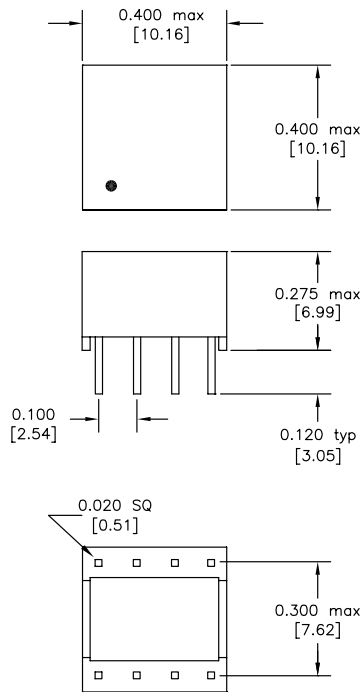


Impedance/Freq. Curve

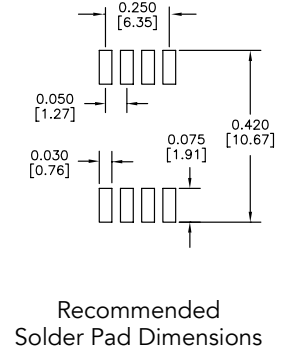
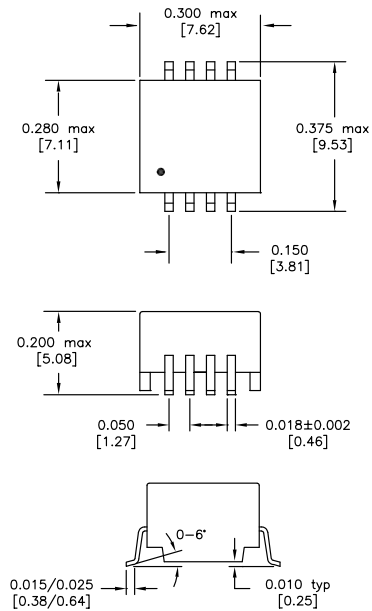


1:1:1:1 CMC Filters

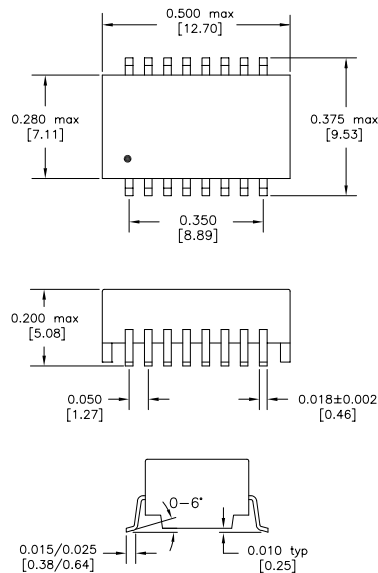
F Package (DIL)



NT Package (SMD)



N1 Package (SMD)



Recommended Solder Pad Dimensions

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

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

HALO
ELECTRONICS, INC.

2880 Lakeside Drive #116
Santa Clara, CA 95054
(650) 903-3800
www.halo-electronics.com

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC isolation modules, and integrated Ethernet connectors. HALO's high quality and competitively priced leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories.