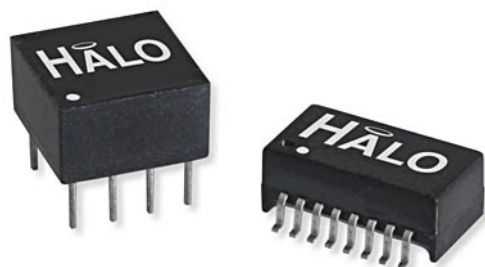


Dual 1:1 CMC Filters

DIL and SMD Packages

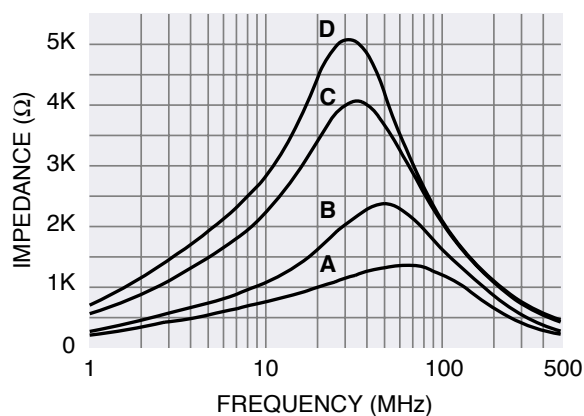


Product Features:

- Standard series of dual CMC filters for Data Communications and Telecom applications.
- These devices should be located on the LIU side of the protection circuitry in Telecom products.
- 500Vrms Hi-Pot
- UL recognized materials

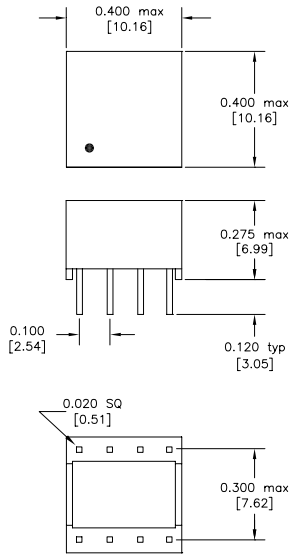
Part Number	Package	OCL (μH)	Cw/w (pF max)	DCR (Ω max)	Impedance/Freq. Curve (Typ.)	Temp Range
LD01-0166F4LF	DIL	16 Min.	15	0.25	A	0 to +70 °C
LD01-0366F4LF	DIL	36 Min.	20	0.25	B	0 to +70 °C
LG01-0356N1LF	SMD	35 Min.	10	0.30	B	-40 to +85 °C
LG01-0856N1LF	SMD	85 Typ.	20	0.55	C	-40 to +85 °C
LG01-1006N1LF	SMD	100 Typ.	25	0.65	D	-40 to +85 °C

Note: Not recommended for applications providing remote power feed.



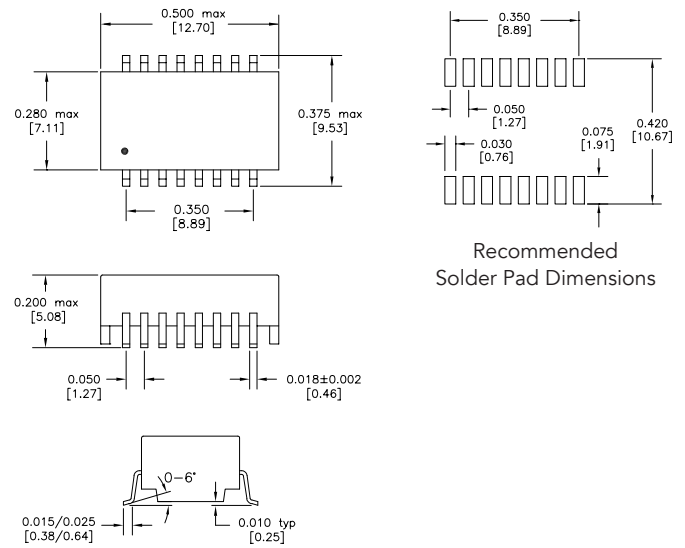
Dual 1:1 CMC Filters

DIL Package (F4)



Dimensions: inches [mm]

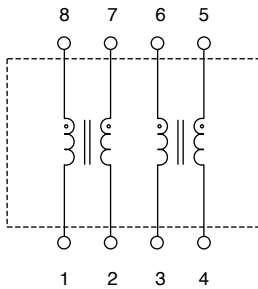
SMD Package (N)



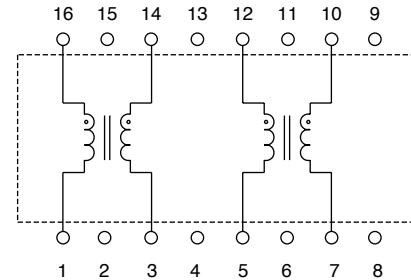
Recommended
Solder Pad Dimensions

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

Schematic for DIL Package



Schematic for SMD Package



US Patent Numbers for SMD products
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.haloelectronics.com

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.