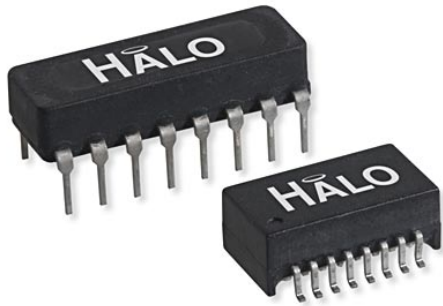


# Quad CMC Filters

16 Pin DIP and SMD Package

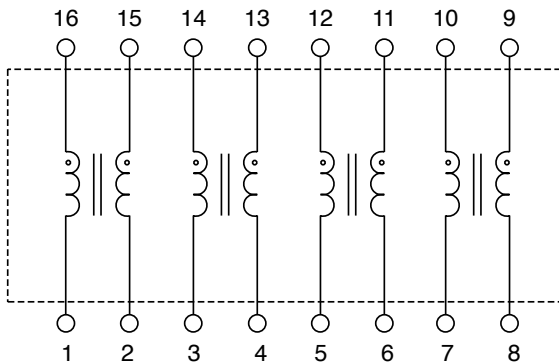


## Product Features:

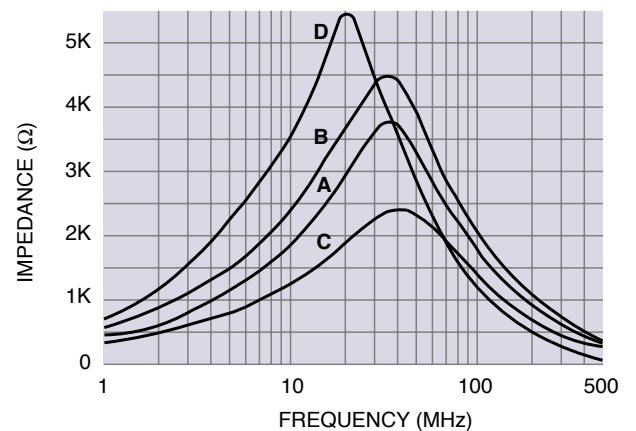
- Standard series of 16 pin quad CMC filters for Data Communications and Telecom applications.
- Operating Temp -40 to +85°C
- Hi Pot: 500Vrms
- Turns Ratio ( $\pm 3\%$ ): 1:1
- UL Recognized Components

Part Number	Package	OCL ( $\mu\text{H typ.}$ )	LL ( $\mu\text{H max.}$ )	Cw/w ( $\text{pF max.}$ )	DCR ( $\Omega \text{ max.}$ )	Impedance/Freq. Curve (typ.)	Temperature Range
LD01-0756L1LF	DIP	75	0.25	20	0.50	A	0 to +70°C
LD01-1006L1LF	DIP	100	0.25	25	0.65	B	0 to +70°C
LG01-0356N2LF	SMD	35	0.15	15	0.35	C	0 to +70°C
LG01-0956N2LF	SMD	95	0.25	25	0.65	D	-40 to +85°C

## Schematic



## Impedance/Freq. Curve



# Quad CMC Filters

## DIP Package (L1)



## SMD Package (N2)



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



Recommended  
Solder Pad Dimensions

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



2880 Lakeside Drive #116  
Santa Clara, CA 95054  
(650) 903-3800  
[www.haloelectronics.com](http://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.