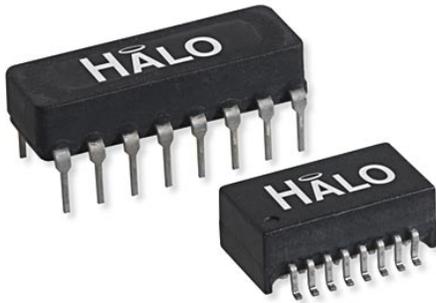


# Triad CMC Filters

16 Pin DIP and SMD Packages

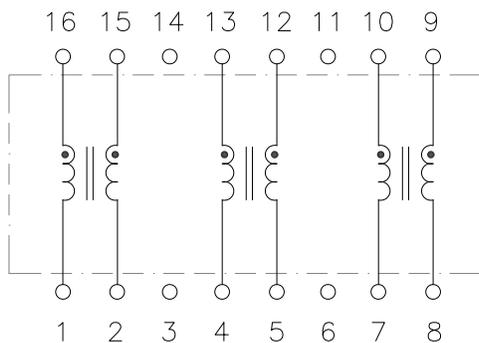


## Product Features:

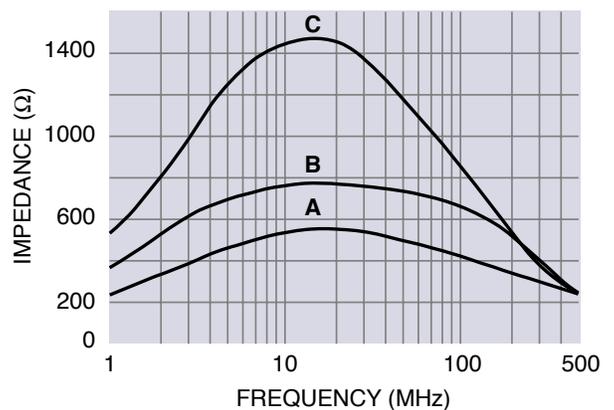
- Standard series of 16 pin triad CMC filters for Data Communications and Telecom applications.
- Compatible with IEEE 802.3 and 802.5.
- Operating Temp -40 to +85°C
- Hi Pot: 500Vrms
- Turns Ratio ( $\pm 3\%$ ): 1:1
- UL recognized materials

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.)
LD01-0506KLF	DIP	50	0.10	8	0.15	A
LD01-0756KLF	DIP	75	0.13	10	0.17	B
LD01-1006KLF	DIP	100	0.15	12	0.20	C
LG01-0506NLF	SMD	50	0.10	8	0.15	A
LG01-0756NLF	SMD	75	0.10	8	0.17	B
LG01-1006NLF	SMD	100	0.10	10	0.20	C

## Schematic

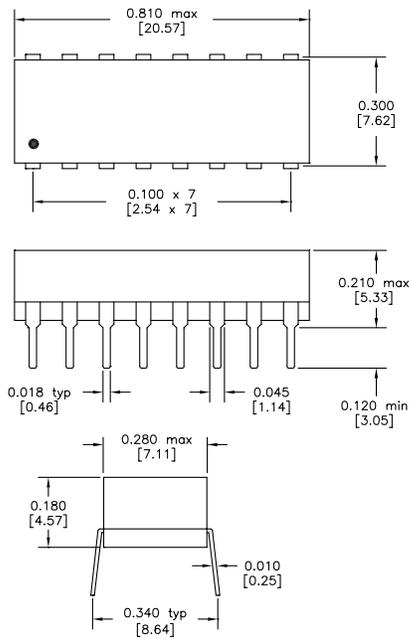


## Impedance/Freq. Curve



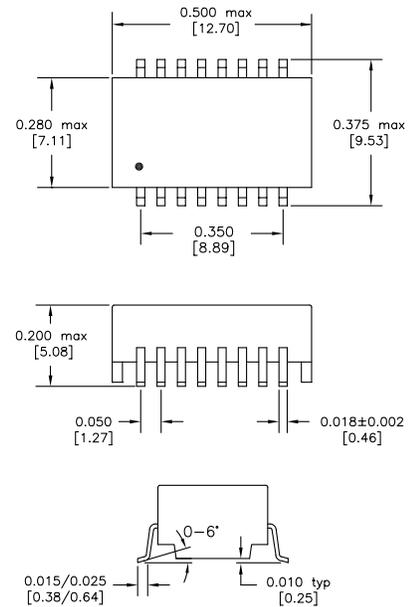
# Triad CMC Filters

## DIP Package (K)

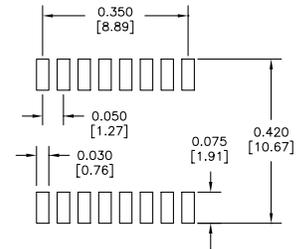


Dimensions: inches [mm]

## SMD Package (N)



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



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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