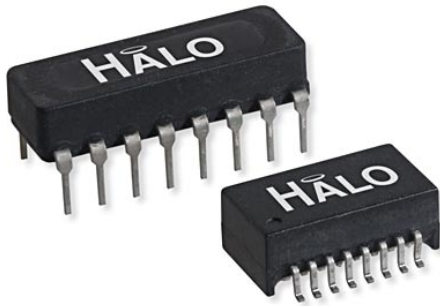


Triad CMC Filters

16 Pin DIP and SMD Packages



Product Features:

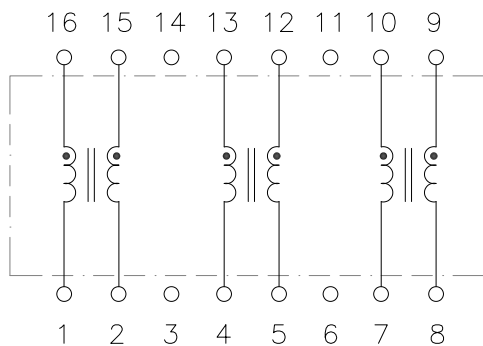
- Standard series of 16 pin triad CMC filters for Data Communications and Telecom applications.
- Compatible with IEEE 802.3 and 802.5.
- Operating Temp -40 to +85°C
- Hi Pot: 500Vrms
- Turns Ratio ($\pm 3\%$): 1:1
- UL recognized materials

Part Number	Package	OCL ($\mu\text{H typ.}$)	LL ($\mu\text{H max.}$)	Cw/w (pF max.)	DCR ($\Omega \text{ max.}$)	Impedance/Freq. Curve (typ.)
LD01-0506KRL	DIP	50	0.10	8	0.15	A
LD01-0756KRL	DIP	75	0.13	10	0.17	B
LD01-1006KRL	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

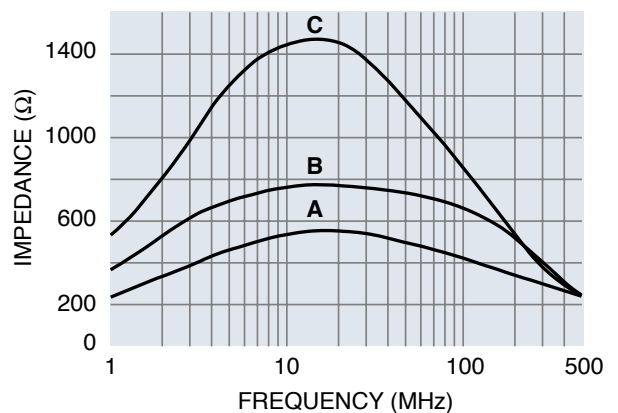
Notes:

1. DIP (through-hole) packages are not recommended for new designs
2. Part numbers with LF suffix are RoHS compliant and PB-Free. Part numbers with RL suffix are RoHS compliant using exemption 7a.

Schematic

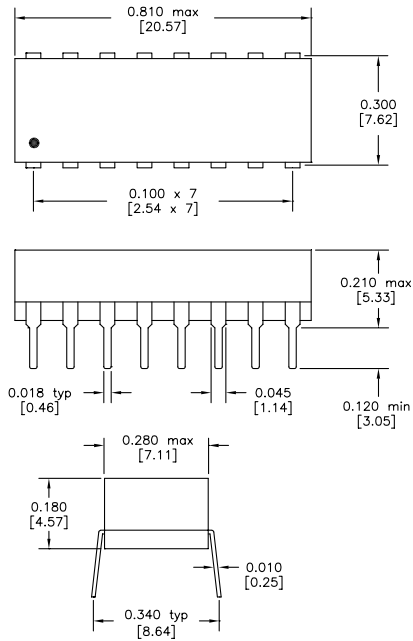


Impedance/Freq. Curve



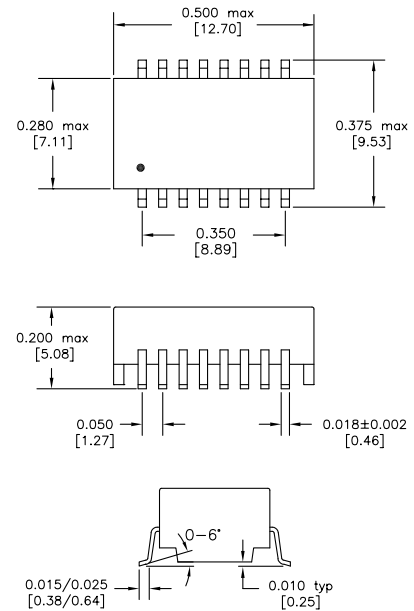
Triad CMC Filters

DIP Package (K)

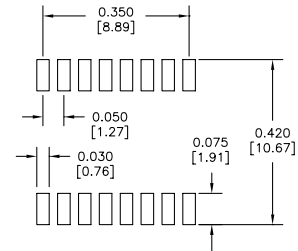


Dimensions: inches [mm]

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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