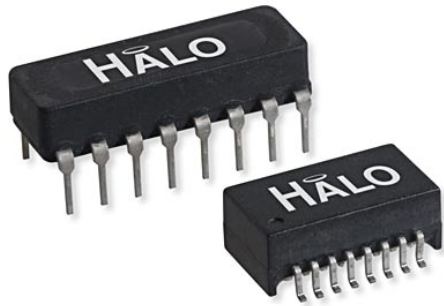


Quad CMC Filters

16 Pin DIP and SMD Package



Product Features:

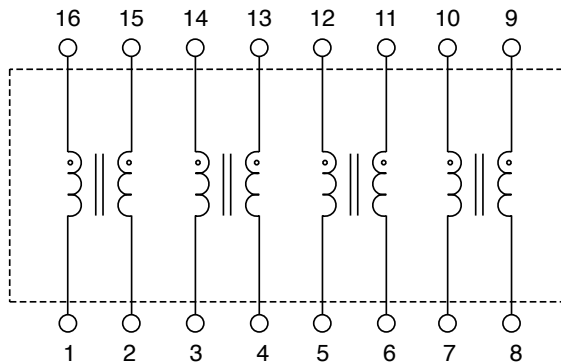
- Standard series of 16 pin quad CMC filters for Data Communications and Telecom applications.
- Operating Temp -40 to +85°C
- Hi Pot: 500Vrms
- Turns Ratio ($\pm 3\%$): 1:1
- UL Recognized Components

| Part Number | Package | OCL ($\mu\text{H typ.}$) | LL ($\mu\text{H max.}$) | Cw/w (pF max.) | DCR ($\Omega \text{ max.}$) | Impedance/Freq. Curve (typ.) | Temperature Range |
|---------------|---------|----------------------------|---------------------------|---------------------------|-------------------------------|------------------------------|-------------------|
| LD01-0756L1RL | DIP | 75 | 0.25 | 20 | 0.50 | A | 0 to +70°C |
| LD01-1006L1RL | 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 |

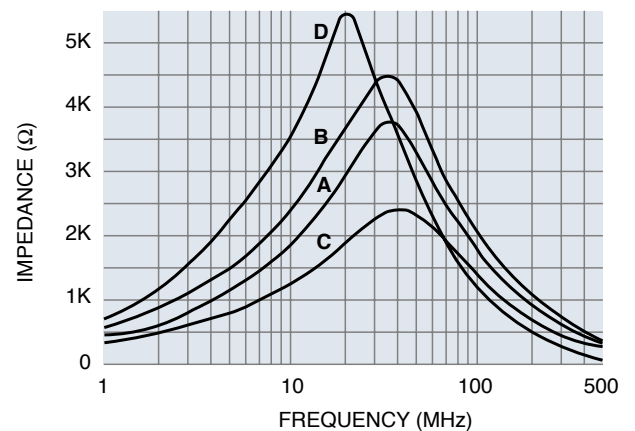
Notes:

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



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



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