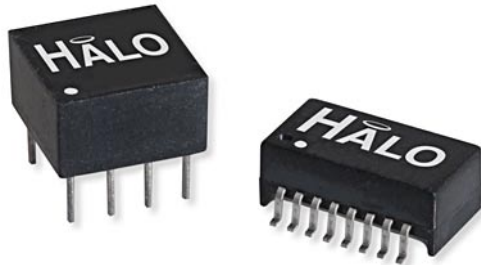


# Dual 1:1 CMC Filters

DIL and SMD Packages



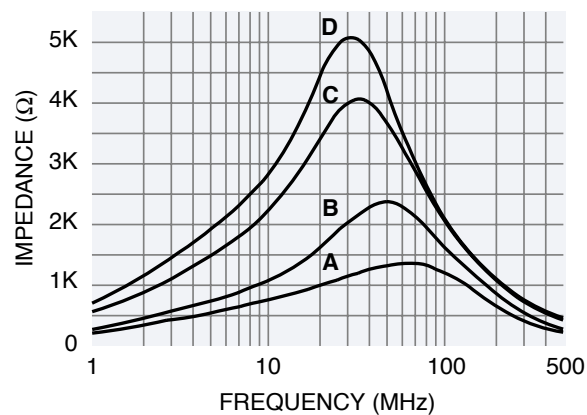
## Product Features:

- 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
LG01-0346N1LF	SMD	35 Min.	15	0.30	B	-40 to +85 °C
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

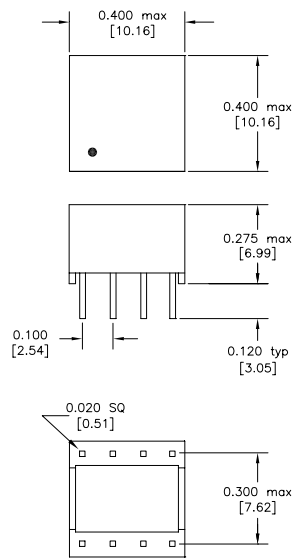
## Notes:

1. Not recommended for applications providing remote power feed.
2. LF suffix is RoHS compliant and Pb-Free. RL suffix is RoHS compliant (exemption 7a, expected to expire July 2016)



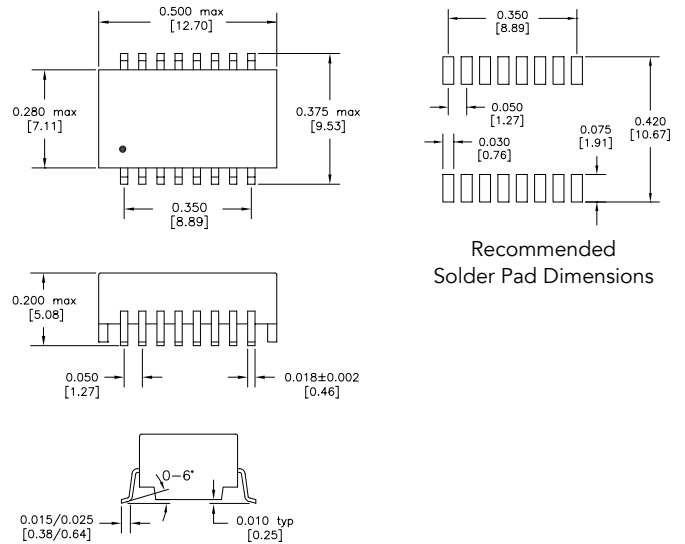
# Dual 1:1 CMC Filters

## DIL Package (F4)



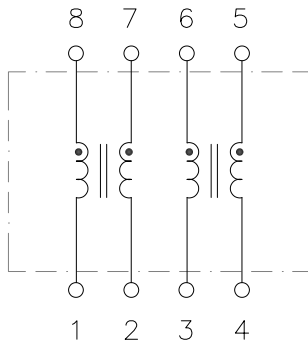
Dimensions: inches [mm]

## SMD Package (N)

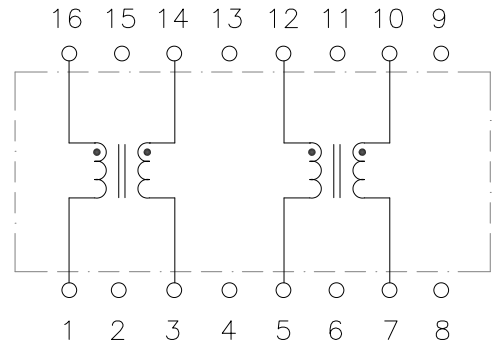


Dimensions: inches [mm]  
Co-Planarity: 0.004 [0.10]

## 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



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