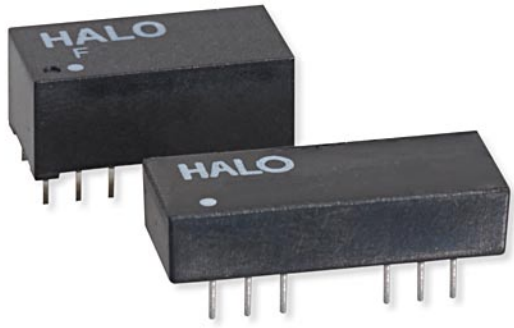


10BASE-T Filter Modules

100Ω DIL Package Isolation Modules with Optional Chokes



Product Features:

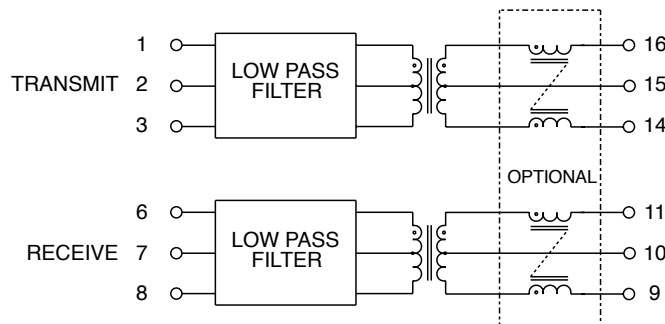
- Standard series of 100Ω filter modules to specifically address the 10BASE-T requirements of IEEE 802.3
- Choice of low or high profile packages
- Optional TX or TX/RX chokes
- Available for most LAN IC manufacturer's products
- 1500Vrms Hi-Pot

Part Number	Filter Description		Optional CMR Chokes	Package
	Transmit	Receive		
FD02-101GRL	100Ω Transformer + Filter	100Ω Transformer + Filter	–	G
FD12-101GRL	100Ω Transformer + Filter	100Ω Transformer + Filter	TX	G
FD22-101GRL	100Ω Transformer + Filter	100Ω Transformer + Filter	TX / RX	G
FD02-101HRL	100Ω Transformer + Filter	100Ω Transformer + Filter	–	H
FD12-101HRL	100Ω Transformer + Filter	100Ω Transformer + Filter	TX	H
FD22-101HRL	100Ω Transformer + Filter	100Ω Transformer + Filter	TX / RX	H

Electrical Specifications @ 25°C

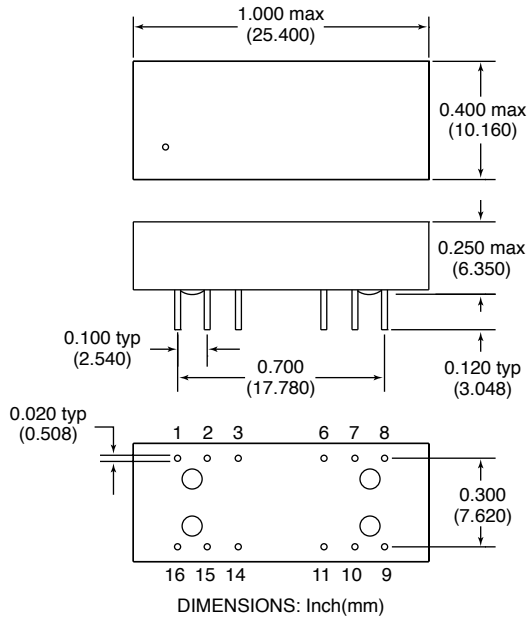
Insertion Loss (5-10MHz): -1 dB Max.
 Return Loss (5-10MHz): -15 dB Min.
 Cross Talk (1-10MHz): -30 dB Min.
 Attenuation @ 30MHz: Transmit -27 dB Min.
 Receive -18 dB Min.
 Cutoff Frequency: 17 MHz Typ.

Schematic

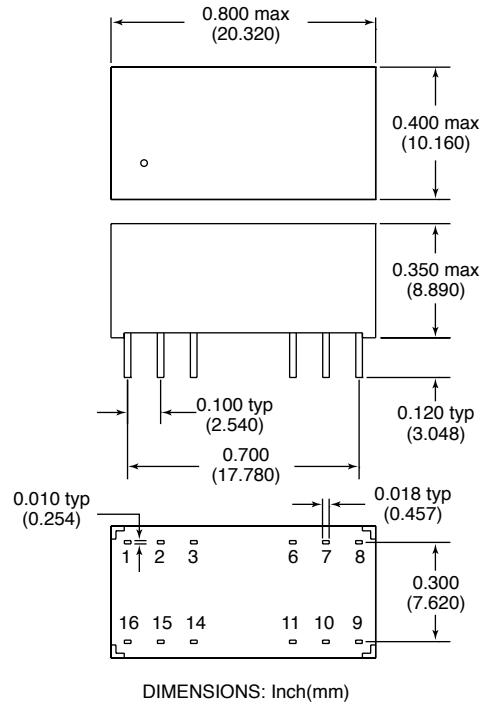


10BASE-T Filter Modules

Package G



Package H



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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.