

10Base-T Interface Module with Enhanced Common Mode Attenuation EPA1829C



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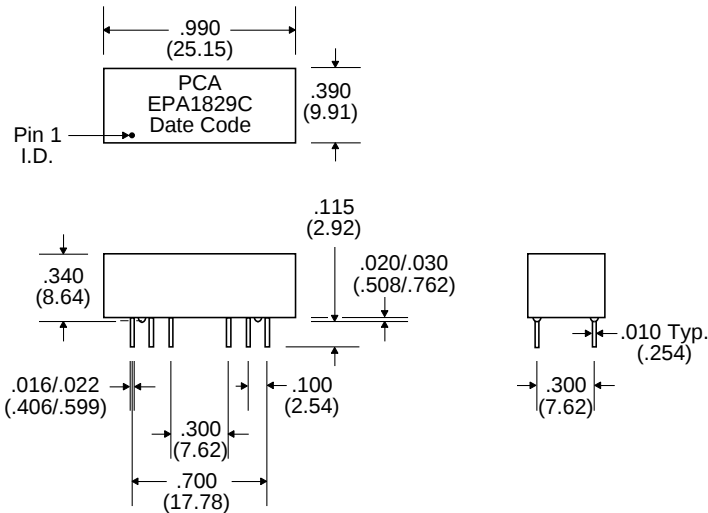
- General Purpose 10Base-T Filter Module
- Complies with or exceeds IEEE 802.3, 10Base-T Standards

Electrical Parameters @ 25° C

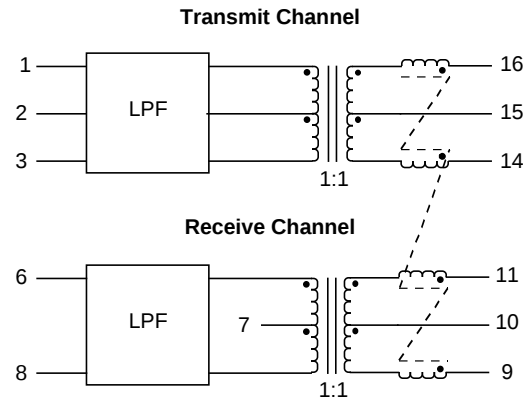
Cut-Off Frequency (MHz)	Insertion Loss (dB Max.)	Return Loss (dB Min.)	Attenuation (dB Min.)				Common Mode Rejection (dB Min.)		Crosstalk (dB Min.)
± 1.0 MHz	1-10 MHz	5-10 MHz	@ 20 MHz	@ 25 MHz	@ 30 MHz	@ 40 MHz	@ 50 MHz	@ 100 MHz	1-10 MHz
Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv	Xmit/Rcv
17/17	-1/-1	-15/-15	-6/-4	-14/-9	-20/-15	-31/-24	-30/-30	-25/-25	-30/-30

- **Isolation** : meets or exceeds 802.3 IEEE Requirements
- **Characteristic Filter Impedance** : 100 W
- Referenced to the Output Level Fundamental Frequency @ 5 MHz
- CMC is common to both channels

Package



Schematic



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 / .25