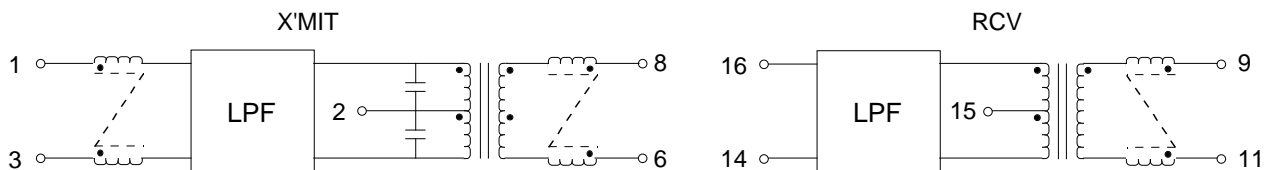


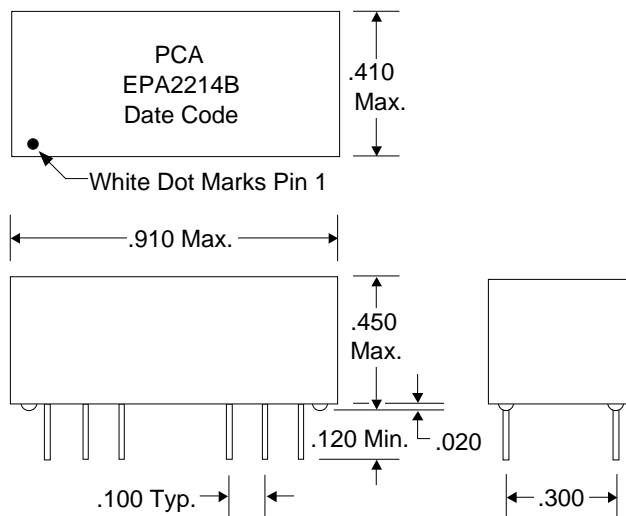
# 10Base-T Interface Module

PCA Part Number(s)		EPA2214B			
Electrical Specifications @ 25 °C					
Parameter	Frequency	Specification	XMIT	RCV	Unit
Cut-off Frequency		17 ± 1.0			MHz
Insertion Loss	1-10 MHz	Referenced to Filter Output @ 5.0 MHz	1.5	1.0	dB Max.
Attenuation	20 MHz	Referenced to Filter Output @ 5.0 MHz	7.0	5.0	dB Min.
	25 MHz	Referenced to Filter Output @ 5.0 MHz	18.0	11.0	dB Min.
	30 MHz	Referenced to Filter Output @ 5.0 MHz	30.0	16.0	dB Min.
	40 MHz	Referenced to Filter Output @ 5.0 MHz	33.0	26.0	dB Min.
Isolation (See Note 1)		1500 for 1 minute			Vrms
Hipot (See Note 2)		500 for 1 minute (Betwen Channels)			Vrms
Crosstalk	1-10 MHz	35 (Betwen Channels)			dB Min.
Impedance Ratio	Balanced Low-Pass : Xmit = 7 Pole, Rcv = 5 Pole		100	100	Nom.
<b>Notes :</b> 1. Pins 1, 2, 3 to 6, 8 & Pins to 14, 15, 16 to 9, 11 2. Pins 1, 2, 3 to 14, 15, 16					

## Schematic



## Package



Same as EPA2214A except for different potting process.