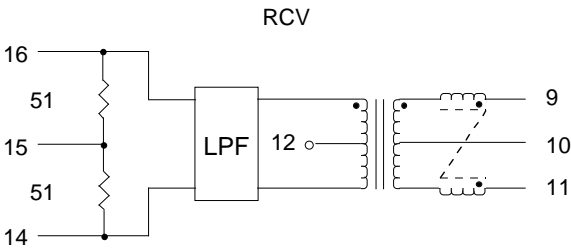
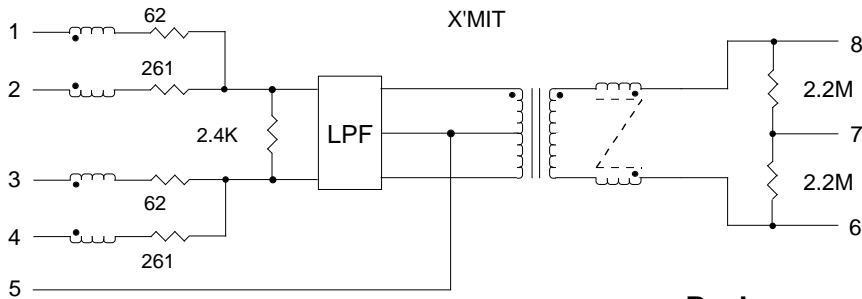


10 Base-T Interface Module

PCA Part Number(s)		EPA2352			
Electrical Specifications @ 25 °C					
Parameter	Frequency	Specification	XMIT	RCV	Unit
Cut-off Frequency		16.5 ± 1.0			MHz
Insertion Loss (See Note 1)	1-10 MHz		1.5	1.0	dB Max.
Attenuation (See Note 1)	20 MHz		7.0	5.0	dB Min.
	25 MHz		17.0	11.0	dB Min.
	30 MHz		28.0	16.0	dB Min.
	40 MHz		33.0	26.0	dB Min.
Return Loss	5-10 MHz		15.0	15.0	dB Min.
Common Mode Rejection	1-100 MHz		---	30.0	dB Min.
	1-500 MHz		38.0	---	dB Min.
Isolation	-----	1500 (for 1 Minute)			Vrms
Hipot	-----	500 (for 1 Minute) Xmit to Rcv			Vrms
Crosstalk	1-10 MHz	35 (Between Channels), Xmit to Rcv			dB Min.
Impedance Ratio			200	100	± 10%

Notes : 1. Referenced to Filter Output @ 5 MHz. Insertion Loss due to filter effects only, resistive elements not included.
Xmit : 7 Pole Balanced Low-Pass, 100 ; Rcv : 5 Pole Balanced Low-Pass, 100

Schematic



Package

