

10 Base-T Interface Module with Enhanced Common Mode Attenuation

EPE6092

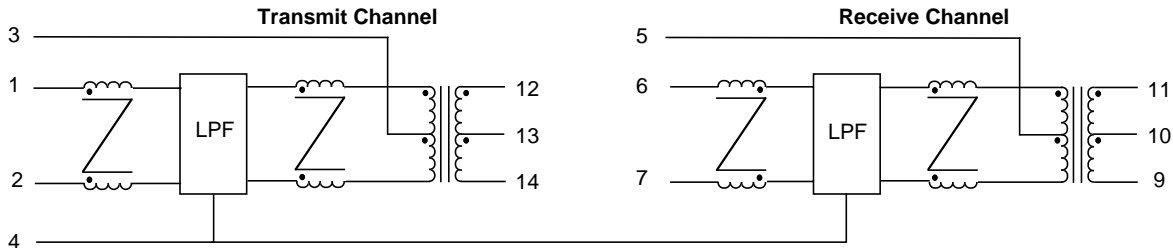
- Optimized for Lucent Technology T7241A (formerly AT&T) •
- Integrates all resistors also used with DP83950B •
- Robust construction allows toughest reflow processing •
- Complies with or exceeds IEEE 802.3, 10 Base-T Requirements •

Electrical Parameters @

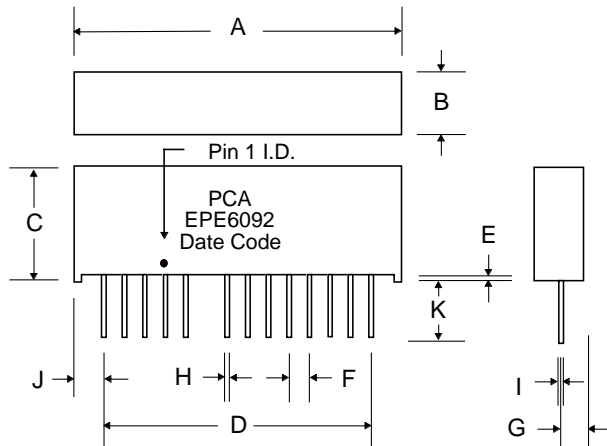
Cut-off Frequency (MHz)	Insertion Loss (dB Max.)		Return Loss (dB Min.)		Attenuation (dB Min.)								Common Mode Rejection (dB Min.)				Crosstalk (dB Min.)					
	± 1.0 MHz	1-10 MHz	5-10 MHz		@ 20 MHz	@ 25 MHz	@ 30 MHz	@ 40 MHz	@ 50 MHz	@ 100 MHz	@ 200 MHz	@ 1-10 MHz										
	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv		
	17	17	-1	-1	-15	-15	-7	-6	-19	-14	-30	-20	-35	-31	-30	-30	-25	-25	-25	-25	-30	-30

- Isolation : meets or exceeds 802.3 IEEE Requirements •
- Characteristic Filter Impedance : 100 Ω •

Schemati



Packag



Dimensio

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.680	1.700		42.67	43.18	
B	.310	.330		7.87	8.38	
C	.580	.600		14.73	15.24	
D	1.300	Typ.		33.02	Typ.	
E	.010	.030		.254	.762	
F	.300	Typ.		7.62	Typ.	
G	.125	.175		3.18	4.45	
H	.600	Typ.		15.24	Typ.	
I	.010°	Typ.		.254	Typ.	
J	.200	Typ.		5.08	Typ.	
K	.125	.150		3.18	3.81	