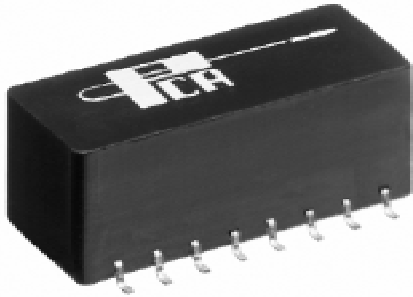


## EPF8007M



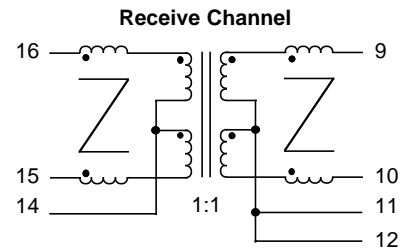
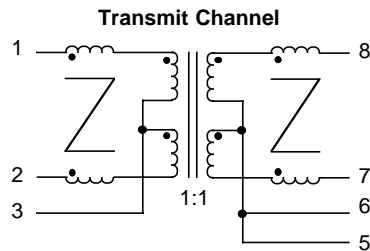
- Recommended for 10/100, 100 BX, 155 Mb/s applications •  
(requiring 1:1 magnetics)
- Guaranteed to operate with 8 mA DC Bias •
- Complies with or exceeds IEEE 802.3, 10 BT/100 BX Standards •

### Electrical Parameters @ 25° C

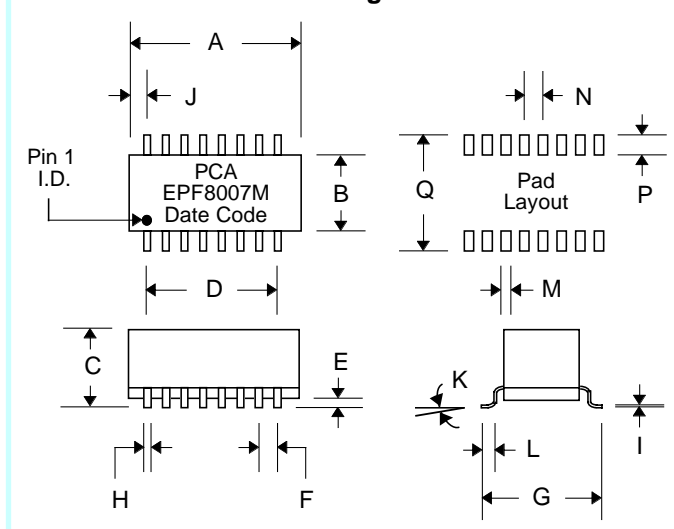
OCL	Insertion Loss (dB Max.)				Return Loss (dB Min.)						Common Mode Rejection (dB Min.)										Crosstalk (dB Min.)*		
100 KHz, 0.1 Vrms 8 mA DC Bias	1-100 MHz		100-150 MHz		1-32 MHz		32-62 MHz		62-100 MHz		1-50 MHz		50-100 MHz		100-200 MHz		200-300 MHz		300-400 MHz		400-500 MHz		1-100 MHz
Cable Side	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	
350μH	-1.0	-1.0	-3.0	-3.0	-20	-20	-17	-17	-12	-12	-60	-55	-55	-50	-50	-45	-45	-40	-40	-35	-35	-30	40

Isolation : 1500 Vrms • Impedance : 100 Ω • Rise Time : 3.0 nS Max. • \*Between Channels

### Schematic



### Package



### Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.880	.900		22.35	22.86	
B	.365	.385		9.27	9.78	
C	.355	.375		9.02	9.52	
D	.700	Typ.		17.78	Typ.	
E	.005	.015		.127	.381	
F	.100	Typ.		2.54	Typ.	
G	.490	.510		12.45	12.95	
H	.016	.022		.406	.559	
I	.008	.012		.203	.305	
J	.085	Typ.		2.16	Typ.	
K	0°	8°		0°	8°	
L	.025	.045		.635	1.14	
M			.030			.762
N			.100			2.54
P			.055			1.40
Q			.540			13.72

