

10/100 LAN Interface Module for NIC/HUB Applications

EPF8084S



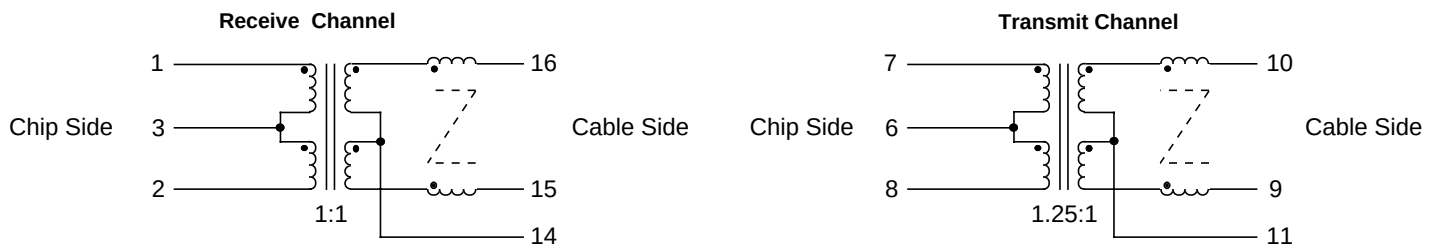
- Recommended for use with QSI66 11/12 •
- Guaranteed to operate with 8 mA DC bias at 70°C •
- Complies with or exceeds IEEE 802.3, 10 BT/100 BX Standards •

Electrical Parameters @ 25° C

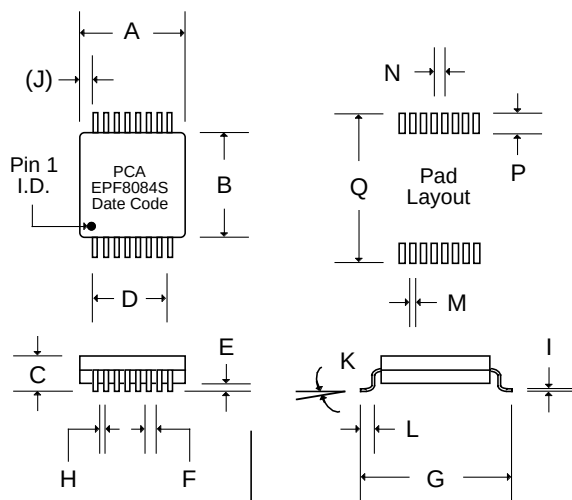
OCL @ 70°C	Insertion Loss (dB Max.)						Return Loss (dB Min.)						Common Mode Rejection (dB Min.)						Crosstalk (dB Min.) [Between Channels]	
	1-80 MHz		100 MHz		150 MHz		30 MHz		60 MHz		100 MHz		1-30 MHz		100 MHz		500 MHz		5-10 MHz	100 MHz
	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv		
350μH	-1	-1	-1	-1	-1.5	-1.5	-18	-18	-12	-12	-10	-10	-50	-50	-40	-40	-10	-10	-40	-40

• Isolation : 1500 Vrms • Impedance : 100 Ω • Rise Time : 3.0 nS Max. •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.550	.570		13.97	14.48	
B	.550	.570		13.97	14.48	
C	.165	.175		4.19	4.45	
D	.350	.360		8.89	9.14	
E	.003	.020		.076	.508	
F	.050	Typ.		1.27	Typ.	
G	.680	.690		17.27	17.53	
H	.016	.022		.406	.559	
I	.008	.012		.203	.305	
(J)	.100	.110		2.54	2.79	
K	0°	8°		0°	8°	
L	.025	.045		.635	1.14	
M			.030			.762
N			.050			1.27
P			.090			2.29
Q			.750			19.05