

10/100 Base-X Module for Multi-Port Applications

EPF8088S



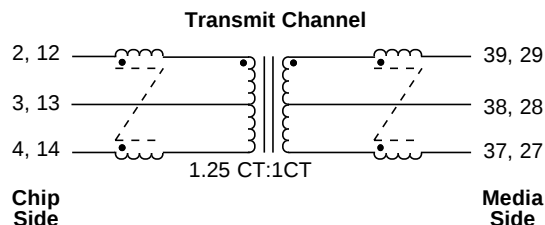
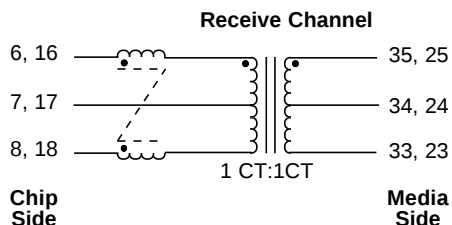
- Recommended for SEEQ 80221 •
- Significantly improved common mode attenuation •
- Transfer molded part with improved lead integrity for SMD processing •
- Guaranteed to operate with 8 mA DC bias at 70°C •
- Complies with or exceeds IEEE 802.3, 10 BT/100 BX Standards •

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]	
	0.1-80 MHz		80-100 MHz		150 MHz		1-30 MHz		30-60 MHz		100 MHz		30-100 MHz		200-300 MHz		400-500 MHz		0.1-60 MHz	100 MHz
100 KHz, 0.1 Vrms 8 mA DC Bias	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv		
Media Side																				
350µH	-1	-1	-1	-1	-2	-2	-18	-18	-12	-12	-10	-10	-40	-40	-30	-20	-20	-15	-35	-30

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

Schematic



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.110	1.130		28.19	28.70	
B	.470	.490		11.94	12.45	
C	.235	.255		5.97	6.48	
D	.950	Typ.		24.13	Typ.	
E	.010	.015		.254	.381	
F	.050	Typ.		1.27	Typ.	
G	.590	.610		14.97	15.49	
H	.016	.022		.203	.559	
I	.008	.012		2.16	.305	
J	.085	Typ.		0°	Typ.	
K	0°	8°		.635	8°	
L	.025	.045			1.14	
M			.030			.762
N			.050			1.27
P			.090			2.29
Q			.670			17.02

Package

