

10/100 Base-X Module for SEEQ 80220 Multi-Port Applications

EPF8067S



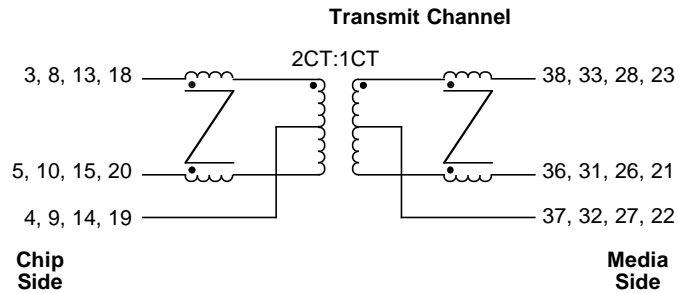
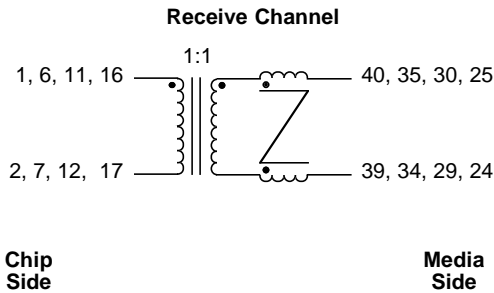
- Also recommended for MICRO LINEAR ML 6692/94 PHY Chip •
- Significantly improved common mode attenuation •
- Guaranteed to operate with 8 mA DC bias at 70°C •
- Complies with or exceeds IEEE 802.3, 10 BT/100 BX Standards •

Electrical Parameters @ 25° C

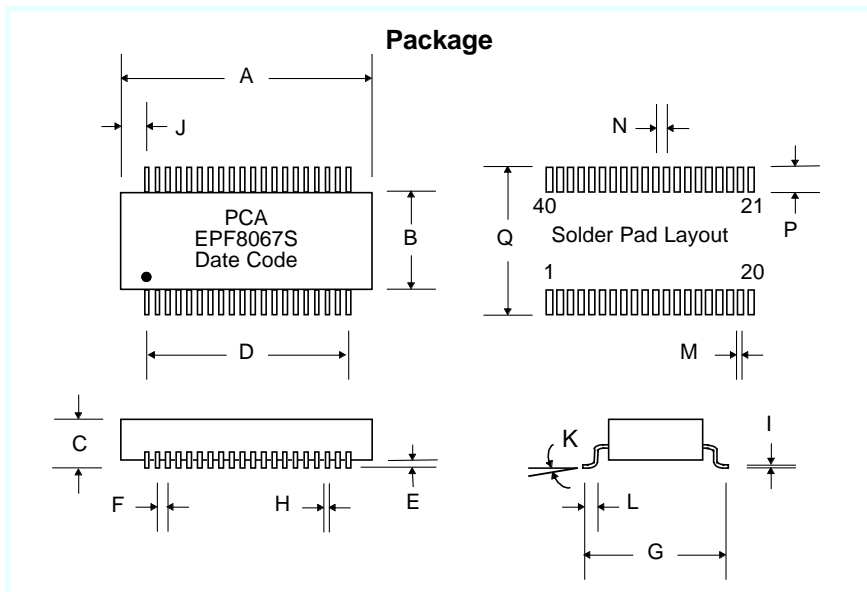
OCL @ 70°C	Insertion Loss (dB Max.)						Return Loss (dB Min.)						Common Mode Rejection (dB Min.)						Crosstalk (dB Min.)		
	0.1-80 MHz		100 MHz		150 MHz		1-20 MHz		60 MHz		100 MHz		30-100 MHz		200 MHz		300 MHz			500 MHz	
Media Side	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	
350μH	-1	-1	-1	-1	-3	-3	-18	-18	-12	-10	-8	-10	-30	-25	-25	-20	-20	-10	-15	---	-35

• 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	.008	.012		.203	.305	
F	.050	Typ.		1.27	Typ.	
G	.620	.640		15.75	16.26	
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			.050			1.27
P			.090			2.29
Q			.670			17.02