

10 Base-T Interface Module

EPE6119G



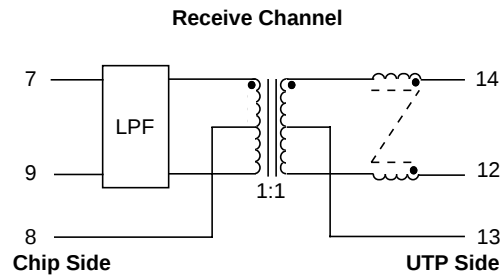
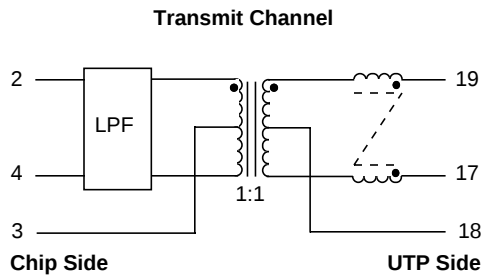
- General purpose 10 Base-T Filter Module •
- Robust construction allows toughest reflow processing •
- Complies with or exceeds IEEE 802.3, 10 Base-T Requirements •

Electrical Parameters @ 25° C

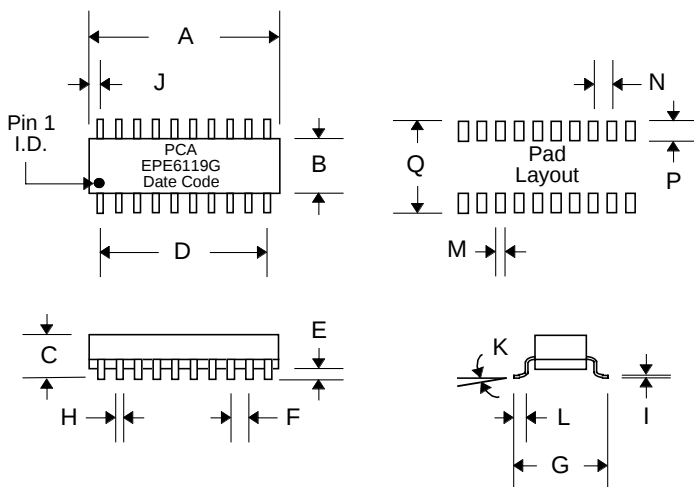
Cut-off Frequency (MHz)		Insertion Loss (dB Max.)		Return Loss (dB Min.)		Attenuation (dB Min.)								Common Mode Rejection (dB Min.)		Crosstalk (dB Min.) Between Channels
± 1.0 MHz		1-10 MHz		5-10 MHz		@ 20 MHz		@ 25 MHz		@ 30 MHz		@ 50-100 MHz		@ 1-100 MHz		@ 1-10 MHz
Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	
17	17	-1	-1	-15	-15	-7	-6	-18	-14	-30	-20	-32	-31	-30	-30	-35

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

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.985	1.005	.995	25.02	25.53	25.27
B	.260	.280	.270	6.60	7.11	6.86
C	.210	.230	.220	5.33	5.84	5.59
D	---	---	.900	---	---	22.86
E	.010	.015	.013	.254	.381	.330
F	---	---	.100	---	---	2.54
G	.360	.380	.370	9.14	9.65	9.40
H	.016	.020	.018	.406	.508	.457
I	.008	.012	.010	.203	.305	.254
J	---	---	.048	---	---	1.22
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.040	---	---	1.02
N	---	---	.100	---	---	2.54
P	---	---	.090	---	---	2.29
Q	---	---	.440	---	---	11.18