

Miniature 10 Base-T Interface Module with Enhanced CMA

ECT10

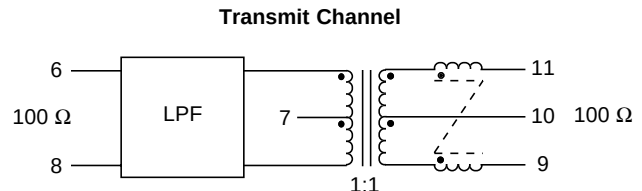
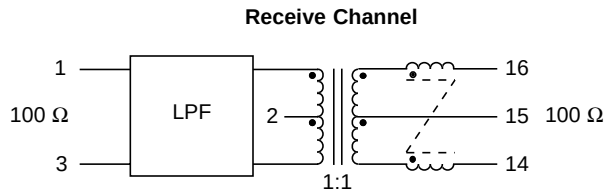
- Enhanced Common Mode Attenuation •
- 10 Base-T Filter Module •
- Robust design allows to withstand SMD soldering profiles •
- Complies with or exceeds IEEE 802.3, 10 Base-T Requirements •

Electrical Parameters @ 25° C

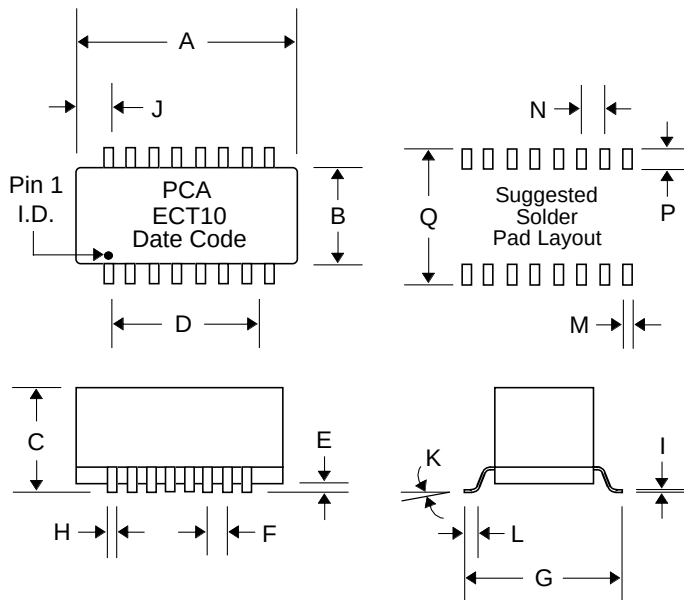
Cut-off Frequency (MHz)		Insertion Loss (1) (dB Max.)		Attenuation (dB Min.)							
± 1.0 MHz		1-10 MHz		@ 20 MHz		@ 25 MHz		@ 30 MHz		@ 40 MHz	
Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv
17	17	-1.5	-1.5	-7	-6	-19	-14	-32	-20	-35	-31

• (1) Referenced to the Output Level Fundamental Frequency @ 5 MHz •

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.490	.510	.500	12.44	12.95	12.70
B	.240	.260	.250	6.10	6.60	6.35
C	.315	.335	.325	8.00	8.50	8.25
D	---	---	.350	---	---	8.89
E	.010	.015	---	.254	.381	---
F	---	---	.050	---	---	1.27
G	.410	.430	.420	10.41	10.92	10.67
H	.016	.022	.019	.406	.558	.483
I	.008	.012	.010	.203	.304	.254
(J)	---	---	.075	---	---	1.90
K	0°	8°	---	0°	8°	---
L	.060	.065	.062	1.52	1.65	1.57
M	---	---	.030	---	---	.762
N	---	---	.050	---	---	1.27
P	---	---	.075	---	---	1.90
Q	.450	.470	.460	11.43	11.94	11.68