

1000 Base-T Module

EPG4005



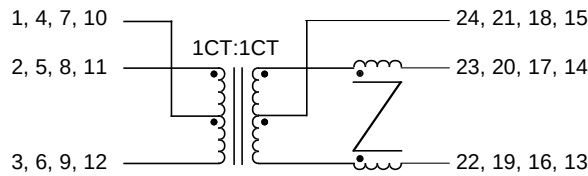
- Guaranteed to operate with 100 Base-X •
- Complies with or exceeds IEEE 802.3ab 1000 Base-T •
- 1500 Vrms Isolation •

Electrical Parameters @ 25° C

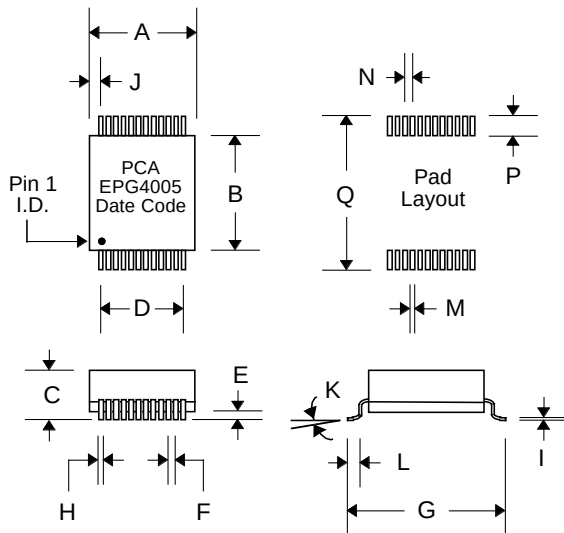
OCL (μ H Min.)	Insertion Loss (dB Max.)			Return Loss (dB Min.)				CMRR (dB Min.)	Common to Differential (dB Min.)				Cross talk (dB Min.)		
@ 100 KHz, 0.1 Vrms 8 mA DC bias	1-65 MHz	65-100 MHz	100-125 MHz	1-40 MHz	60 MHz	80 MHz	100 MHz	1-80 MHz	1 MHz	30 MHz	50 MHz	100 MHz	1-40 MHz	60 MHz	100 MHz
350 (Media Side)	-1	-1.1	-1.5	-18	-15	-12	-10	-30	-60	-40	-35	-30	-40	-35	-30

Rise Time : 1.75 nS Max. • Impedance : 100 Ω

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.530	.550	.540	13.46	13.97	13.72
B	.590	.610	.600	14.99	15.49	15.24
C	.215	.235	.225	5.46	5.97	5.72
D	---	---	.429	---	---	10.90
E	.010	.015	.012	.254	3.81	.305
F	---	---	.039	---	---	.991
G	.710	.730	.720	18.03	18.54	18.29
H	.013	.019	.016	.330	.483	.406
I	.008	.013	.010	.203	.330	.254
(J)	---	---	.056	---	---	1.41
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.025	---	---	.635
N	---	---	.039	---	---	.991
P	---	---	.080	---	---	2.03
Q	---	---	.760	---	---	19.30