

1000 Base-T Module

EPG4006F



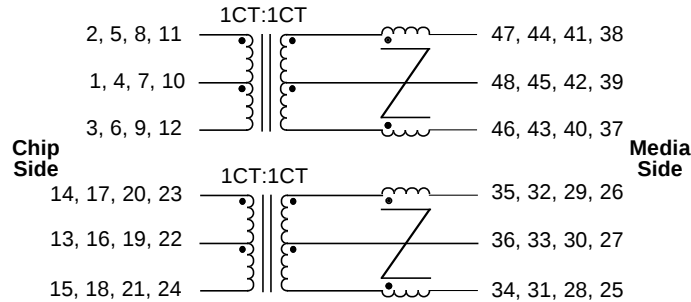
- Guaranteed to operate with 8 mA DC bias at 70°C •
- Transfer molded part •
- Complies with or exceeds IEEE 802.3, Gigabit Standards •
- 1500 Vrms Isolation •

Electrical Parameters @ 25° C

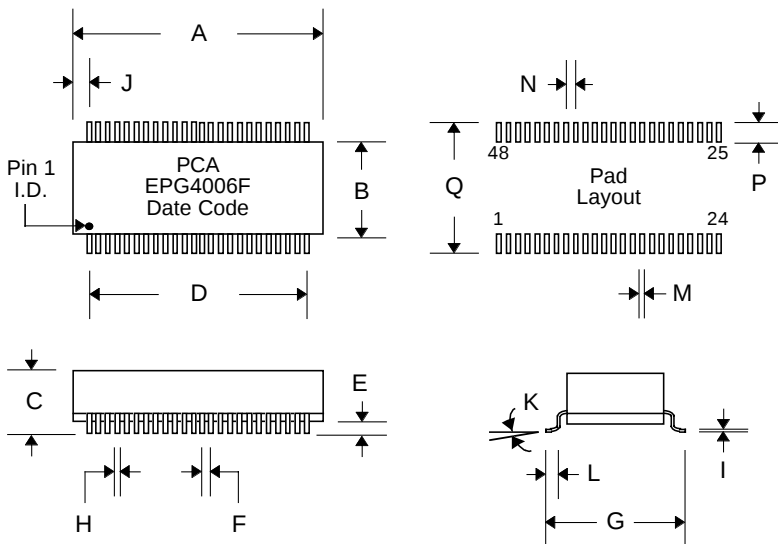
OCL (@ 70°C)	Insertion Loss (dB Max.)				Return Loss (dB Min.)				CMRR (dB Min.)			Crosstalk (dB Min.)		
@ 100 KHz, 0.1 Vrms 8 mA DC bias	1-80 MHz	100 MHz	150 MHz	200 MHz	1-80 MHz	100 MHz	150 MHz	200 MHz	1-80 MHz	80-200 MHz	500 MHz	1-100 MHz	150 MHz	200 MHz
350μH (Media Side)	-1.0	-1.1	-1.5	-2.0	-18	-15	-10	-8	-35	-30	-25	-40	-38	-35

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

Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.050	1.150	1.100	26.67	29.21	27.94
B	.470	.490	.480	11.94	12.45	12.45
C	.250	.270	.260	6.35	6.86	6.60
D	---	---	.906	---	---	23.00
E	.010	.015	.012	.254	3.81	.305
F	---	---	.039	---	---	1.00
G	.590	.610	.600	14.99	15.49	15.24
H	.016	.022	.019	.406	.559	.483
I	.008	.013	.010	.203	.330	.254
(J)	---	---	.100	---	---	2.54
K	0°	8°	4°	0°	8°	4°
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.039	---	---	1.00
P	---	---	.090	---	---	2.29
Q	---	---	.670	---	---	17.02