

10 Base-T Interface Module

EPE6376S

- Optimized for Level One's LX901/7/14 Transceiver Chips •
- Available in SMD and DIP Packages •
- Isolation: 1500Vrms •

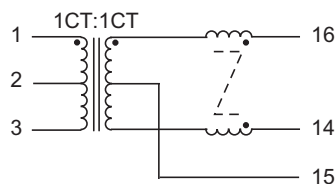
Electrical Parameters @ 25°C

OCL (μ H Min.)	Cut-Off Frequency (MHz)		Insertion Loss (dB Min.)		Return Loss (dB Min.)		Attenuation (dB Min.)						Common Mode Rejection (dB Min.)				Crosstalk (dB Min.)
@ 100 KHz 0.1Vrms	Typ.		1-10 MHz		1-10 MHz		@ 25 MHz		@ 30 MHz		@ 40 MHz		1-30 MHz		30-100 MHz		1-10 MHz
	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	
110	17	17	-1	-1	-15	-15	-5	---	-10	---	-16	---	-40	-40	-30	-30	-40

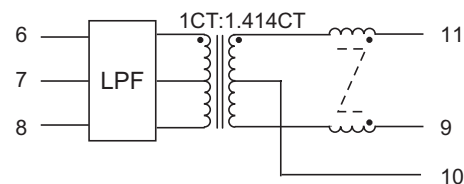
- Cable Side Impedance : 100 Ω •

Schematic

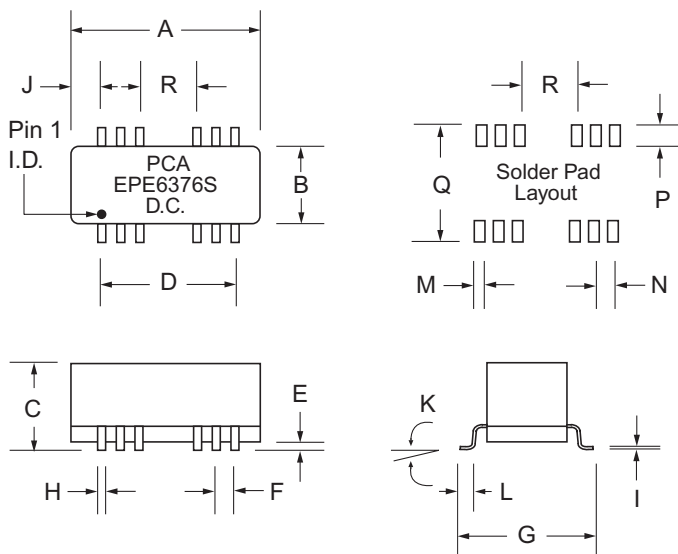
Receive



Transmit



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.480	.500	.490	12.19	12.70	12.45
B	.250	.270	.260	6.35	6.86	6.60
C	.200	.220	.210	5.08	5.59	5.33
D	---	---	.350	---	---	8.89
E	.003	.010	.008	.076	.254	.203
F	---	---	.050	---	---	1.27
G	.360	.380	.370	9.14	9.65	9.40
H	.018	.022	.020	.457	.559	.508
I	---	---	.010	---	---	.254
J	---	---	.070	---	---	1.78
K	0°	8°	4°	0°	8°	4°
L	.015	.035	.025	.381	.889	.635
M	---	---	.025	---	---	.635
N	---	---	.050	---	---	1.27
P	---	---	.070	---	---	1.78
Q	---	---	.425	---	---	10.80
R	---	---	.100	---	---	2.54