

Quad Transformer Module

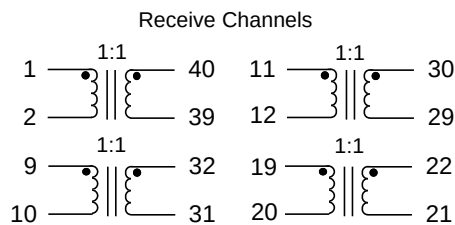
EPE6279S



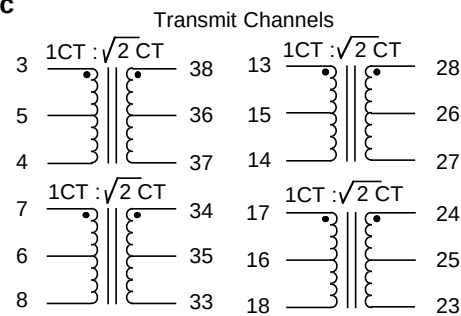
- Optimized for Level One LXT901/944 and Quad PHY • (TNETE 2004)
- Complies with or exceeds IEEE Requirements •

Electrical Parameters @ 25° C

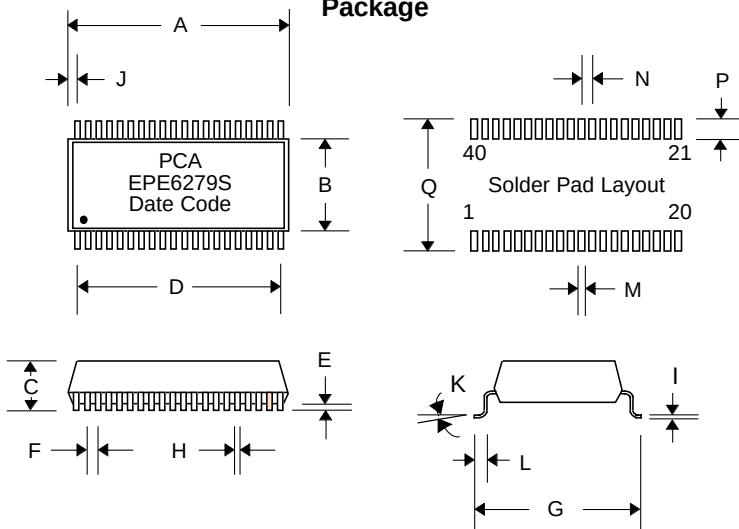
Inductance (μH Min.)	Interwinding Capacitance (pF Max.)		Leakage Inductance (μH Max.)		CMRR (dB) (XMIT)				Return Loss (dB Min.)				Hipot (Vrms)	Crosstalk (dB Min.)
@ 100 KHz, 0.1 Vrms	@ 100 KHz, 0.1 Vrms		@ 100 KHz, 0.1 Vrms		10 MHz	50 MHz	100 MHz	200 MHz	5MHz-10MHz @ 100Ω		5MHz-10MHz @ 85Ω, 115Ω			5-10 MHz
cable side	Xmit	Rcv	Xmit	Rcv	Xmit	Xmit	Xmit	Xmit	Xmit	Rcv	Xmit	Rcv		
200	12	12	0.3	0.3	-40	-30	-15	-10	-20	-20	-15	-15	1500	-45



Schematic



Package



Dimensions

Dim.	(Inches)			(millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	1.110	1.13		28.19	28.70	
B	.470	.490		11.94	12.45	
C	.205	.225		5.21	5.72	
D	.950	Typ.		24.13	Typ.	
E	.008	.020		.203	.508	
F	.050	Typ.		1.27	Typ.	
G	.620	.640		15.75	16.26	
H	.016	.022		.406	.559	
I	.008	.012		.203	.305	
J	.090	Typ.		2.29	Typ.	
K	0°	8°		0°	8°	
L	.025	.045		.635	1.14	
M			.030			.762
N			.050			1.27
P			.090			2.29
Q			.670			17.02