Quad Interface Filter Module
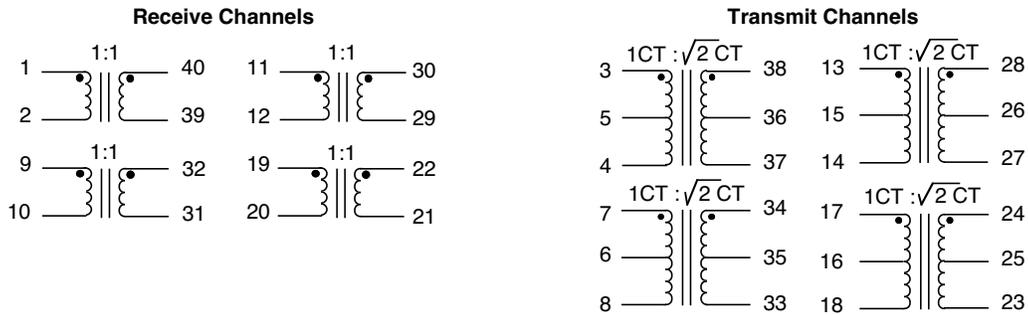
ELECTRONICS INC.

EPE6279S

- Optimized for Level One LXT901/944 and Quad PH (TNETE 2004)
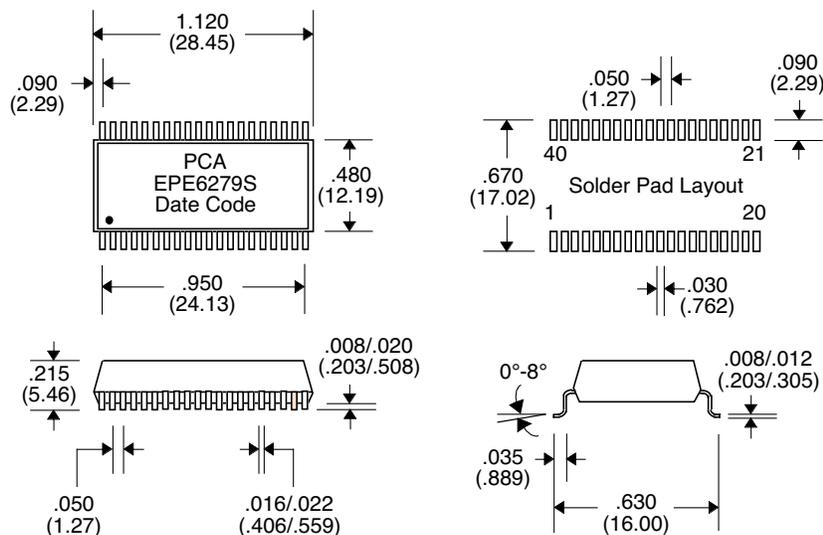- Complies with or exceeds IEEE 802.3, 10Base-T Standards

Electrical Parameters @ 25° C

Inductance (µH Min.)	Interwinding Capacitance (pF Max.)	Leakage Inductance (µH Max.)	CMRR (dB Min.) [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	5-10 MHz @ 100Ω	5-10 MHz @ 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

Receive Channels

Transmit Channels

Package

PCA EPE6279S Date Code

Solder Pad Layout

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25