RJ-45 Filter Port Jacks
10/100Base-TX Voice Over IP

EPJ9302-F2



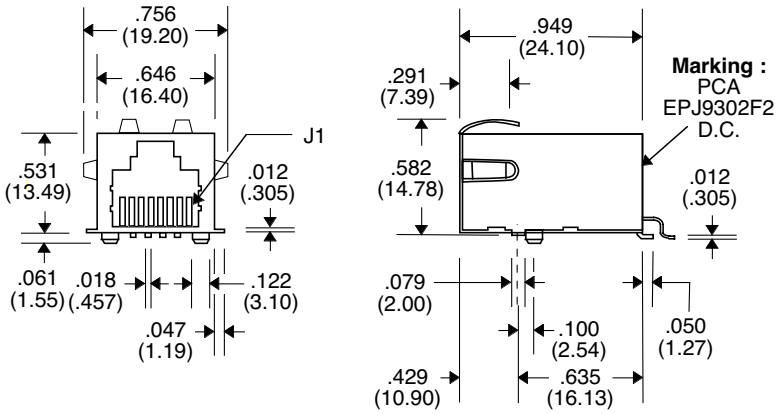
- Designed for IP Phone Applications
- Surface Mount Package
- Space Saving RJ-45 Connectors
- UL94V-0 Rated High Temp thermoplastic Housing
* Designed to meet 350 mA Balanced DC Line Current

Electrical Parameters @ 25° C

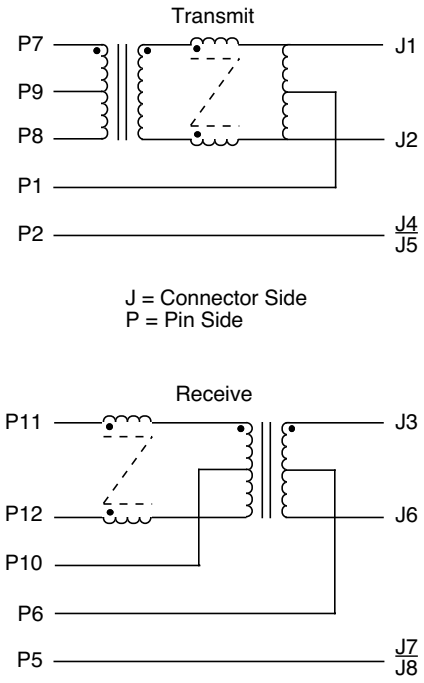
Turns Ratio (± 5%)	**OCL** (μH Min.)	**Insertion Loss** (dB Max.)		**Return Loss** (dB Min.)			**CMRR** (dB Min.)	**CMD** (dB Min.)	**Crosstalk** (dB Min.)
	@ 100 KHz, 100m Vrms	1-80 MHz	@ 100 MHz	1-30 MHz	@60 MHz	@80 MHz	100 KHz-100 MHz	100 KHz-100 MHz	100 KHz-100 MHz
Xmit/Rcv	8 mA DC Bias								Xmit & Rcv
1CT:1/1CT:1CT	350	-1.0	-1.5	-20	-15	-12	-30	-30	-35

• **Isolation :** 1500Vrms • **Cable Side Impedance :** 100 Ω •

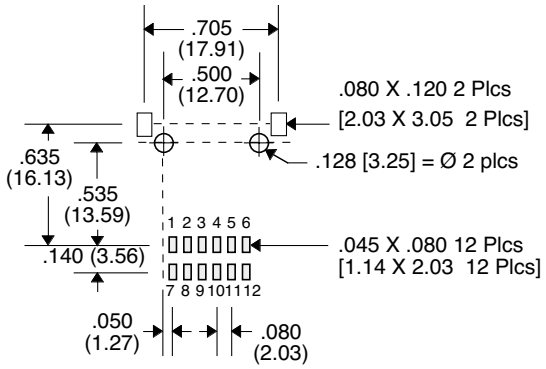
Package



Schematic



PCB Layout (Component)



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

PCA ELECTRONICS, INC.
16799 SCHOENBORN ST.
NORTH HILLS, CA 91343

Product performance is limited to specified parameters. Data is subject to change without prior notice.

TEL: (818) 892-0761
FAX: (818) 894-5791
http://www.pca.com