



Series 810 and 822 Thrifty Model Vertisockets™ with Bifurcated Contacts

FEATURES

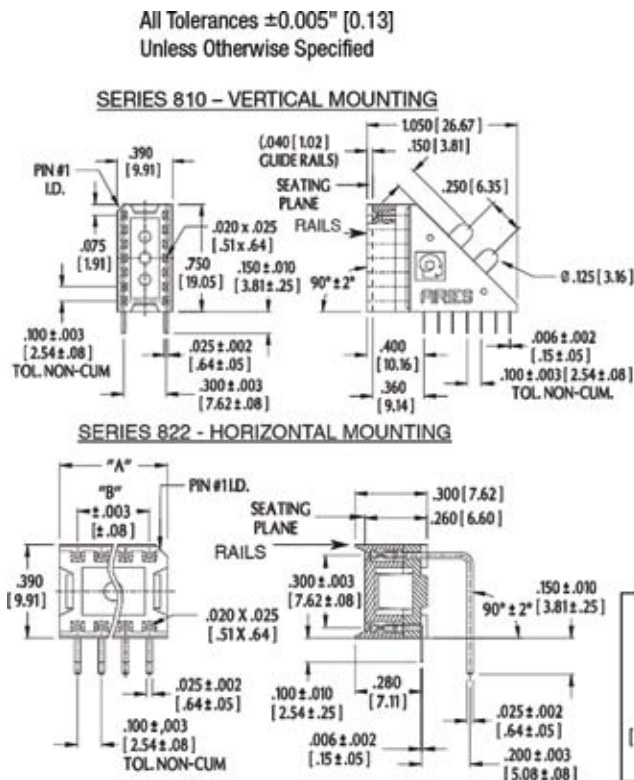
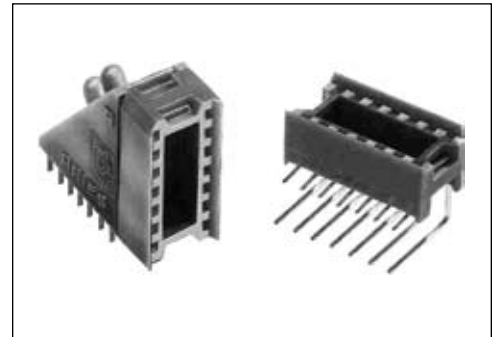
- These low-cost Vertisockets™ are recommended for high-volume vertical display mounting applications.
- Very useful for connection of board-to-board jumpers and for DIP switches, as well as LED devices.

SPECIFICATIONS

- Standard Body Material = black UL 94V-0 4/6 Nylon
- Bifurcated Contacts = Grade-A Spring-tempered Phosphor Bronze per QQ-B-750
- Standard Contact Plating = 50µ" [1.27µm] min. Matte Tin per ASTM B545-97 over 50µ" Nickel per QQ-N-290: TL = 90/10 Tin/Lead per MIL-T-10727 Type 1 over 50µ" Nickel per QQN-290
- Contact Current Rating = 1 amp
- Operating Temperature = 221°F [105°C]
- Insertion Force = 110 grams/pin average
- Withdrawal Force = 75 grams/pin average
- Accepts Flat Leads up to 0.014" [0.36] thick and 0.020" [0.51] wide; Round Leads up to 0.020" [0.51] dia.
- Accepts Lead Lengths of 0.075-0.160" [1.91-4.06]

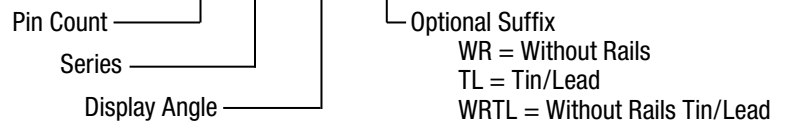
MOUNTING CONSIDERATIONS

- Suggested PCB Hole Size = P/N 14-810-90R = 0.036" ±0.002" [0.91 ±0.05] dia.
P/N XX-822-90E = 0.044" ±0.002" [1.12 ±0.05] dia.



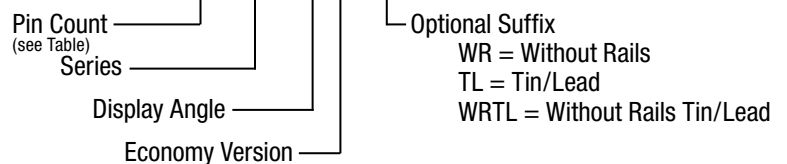
ORDERING INFORMATION

14-810-90RXXXX



ORDERING INFORMATION

XX-822-90EXXXX



OTHER SIZES AVAILABLE – CONSULT FACTORY

No. of Pins	Dim. "A"	Dim. "B"
8	8.450 [11.43]	0.300 [7.62]
14	14.750 [19.05]	0.600 [15.24]
16	16.850 [21.59]	0.700 [17.78]
18	18.950 [24.13]	0.800 [20.32]
20	20.1050 [26.67]	0.900 [22.86]



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