



Series C84/93 LO-PRO® file Dual Beam Solder Tail Edge-Grip Sockets

FEATURES:

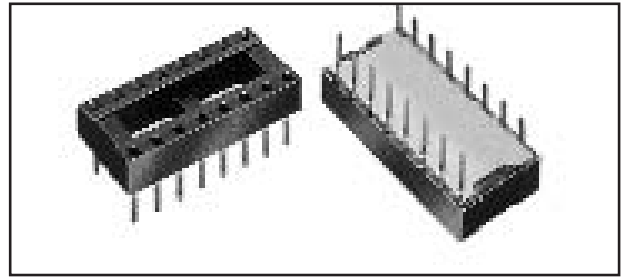
- Anti-wicking design on LO-PRO® file sockets eliminates flux or solder contamination.
- Dual beam, edge-grip contacts provide high retention and positive contact.
- End-to-end and side-to-side stackable.

SPECIFICATIONS:

- Body is black UL-94V-0 Glass-filled Nylon 4/6.
- Dual beam contact is Phosphor Bronze Alloy 521.
- Contact plating: (all over 50µ" [1.27µm] Nickel per SAE-AMS-QQ-N-290)
Tin = 200µ" [5.08µm] min Matte Tin per ASTM B545-97.
Tin/Lead = 100-150µ" [2.54-3.81µm] min. 90/10 Tin/Lead per MIL-P-81728.
Gold = 10µ" [0.25µm] min. Gold per MIL-G-45204 in contact area and 100-150µ" [2.54-3.81µm] min 90/10 Tin/Lead per MIL-P-81728 on Solder Tail
- Wafer is Nomex, .005 [.13] thick.
- Contact current rating=1 Amp.
- Contact resistance=20 mOhms initial.
- Insulation resistance=100 MOhms @ 500 VDC per MIL-STD-1344, method 3003.1.
- Dielectric withstanding voltage=1000 VAC.
- Operating temperature= -67°F to 221°F [-55°C to 105°C] Tin
= -67°F to 257°F [-55°C to 125°C] Gold
- Accepts leads up to .011 x .018 ± .003 [.28 x .46 ± .08] or .021 [.53] diameter.
- Accepts leads .070-.135 [1.78-3.43] long.

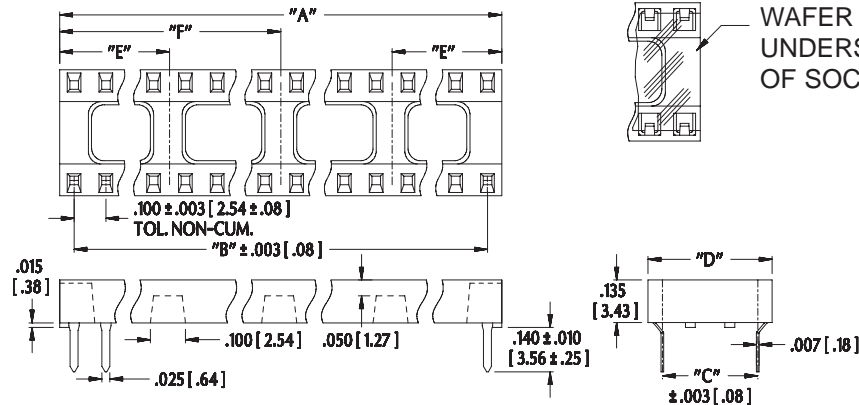
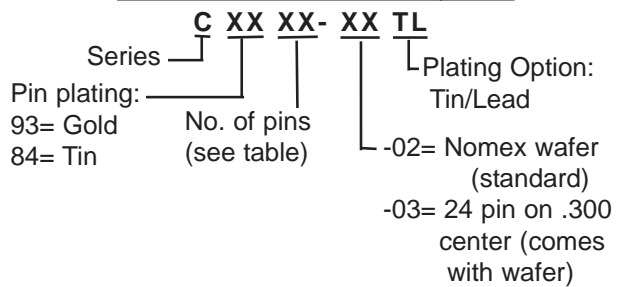
Mounting Considerations:

- Suggested PCB hole size=.036± .002 [.91 ± .05] dia.

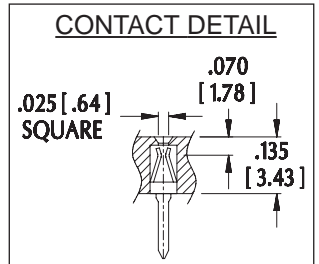


Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

ORDERING INFORMATION



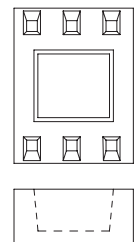
WAFER ON UNDERSIDE OF SOCKET



ALL DIMENSIONS: INCHES [MILLIMETERS]

All tolerances ± .005 [.13] unless otherwise specified

No. of Pins	Dim "A"	Dim "B"	Centers "C"	Dim "D"	Dim "E"	Dim "F"
6	.290 [7.37]	.200 [5.08]	.300 [7.62]	.395 [10.03]	---	---
8	.390 [9.91]	.300 [7.62]	.300 [7.62]	.395 [10.03]	---	---
14	.690 [17.53]	.600 [15.24]	.300 [7.62]	.395 [10.03]	---	.350 [8.89]
16	.790 [20.07]	.700 [17.78]	.300 [7.62]	.395 [10.03]	---	.400 [10.16]
18	.890 [22.61]	.800 [20.32]	.300 [7.62]	.395 [10.03]	---	.450 [11.43]
20	.990 [25.15]	.900 [22.86]	.300 [7.62]	.395 [10.03]	---	.500 [12.70]
24	1.190 [30.23]	1.100 [27.94]	.300 [7.62]	.395 [10.03]	.400 [10.16]	---
24	1.190 [30.23]	1.100 [27.94]	.600 [15.24]	.695 [17.65]	.400 [10.16]	---
28	1.390 [35.31]	1.300 [33.02]	.600 [15.24]	.695 [17.65]	.500 [12.70]	---
40	1.990 [50.55]	1.900 [48.26]	.600 [15.24]	.695 [17.65]	.500 [12.70]	1.000 [25.40]



6 pin socket is closed frame as shown

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