



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

FEATURES:

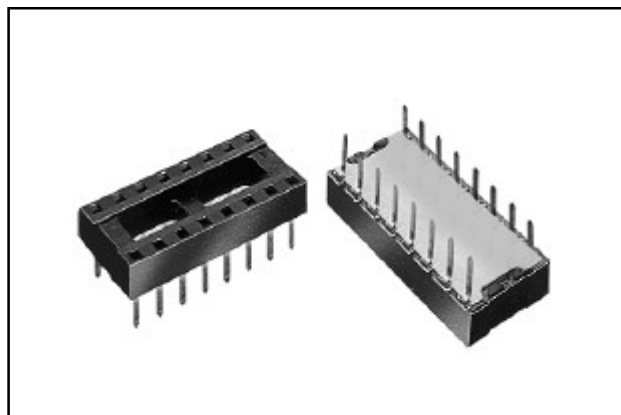
- Anti-wicking design on LO-PRO®file sockets eliminates flux or solder contamination.
- Dual beam, edge-grip contacts provide high retention and positive contact.
- End-to-end and side-to-side stackable.

SPECIFICATIONS:

- Body is black UL-94V-0 Glass-filled Thermoplastic Polyester (PBT).
- Dual beam contact is Phosphor Bronze Alloy 521.
- Contact plating is either 50-150µ [1.27-3.81µm] min. 90/10 Tin/Lead per MIL-T-10727 or 10µ [.25µm] min. Gold per MIL-G-45204 in contact area and 50-150µ [1.27-3.81µm] min. 90/10 Tin/Lead Alloy per MIL-T-81728 on solder tail, all over 50µ [1.27µm] min. Nickel per QQ-N-290.
- Mylar wafer is Polyester film, .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=221°F [105°C] Tin plating, =257°F [125°C] Gold plating.
- Solderability: MIL-STD-202, method 208 less heat aging.
- 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

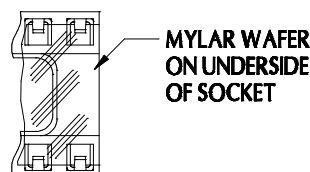
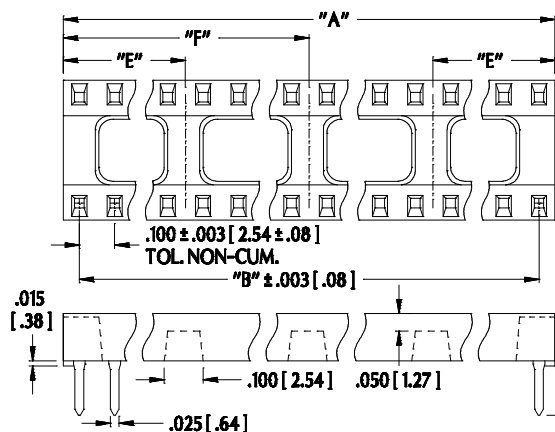
CXXXX-XX

Socket series

Pin plating:
93=Gold
84=Tin

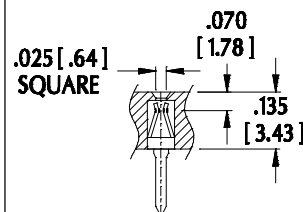
No. of pins
(see table)

-02=mylar wafer
(standard)
-03=24 pin on .300
center (comes
with wafer)



MYLAR WAFER
ON UNDERSIDE
OF SOCKET

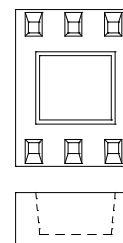
CONTACT DETAIL



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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