



- 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.

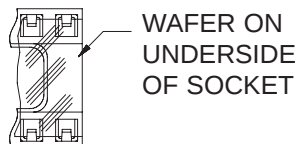
- Body is black UL-94V-0 Glass-filled Nylon 4/6.
- Dual beam contact is Phosphor Bronze Alloy 521.
- Contact plating: (all over 50μ" [1.27μm] Nickel per SAE-AMS-QQ-N-290)

Tin/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

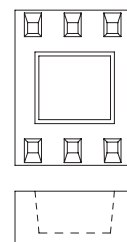
- Wafer is Nomex, .005 [.13] thick.
- Contact current rating=1 Amp.
- Contact resistance=20 mOhms initial.
- Insulation resistance=100 MOhms @ 500 VDC per MIL-STD-1344, method 3003.1.
- Dielectric withstanding voltage=1000 VAC.
- Operating temperature= -67°F to 221°F [-55°C to 105°C] Tin
= -67°F to 257°F [-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.

- Suggested PCB hole size = $.036 \pm .002$ [$.91 \pm .05$] dia.



All tolerances $\pm .005$ [.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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