



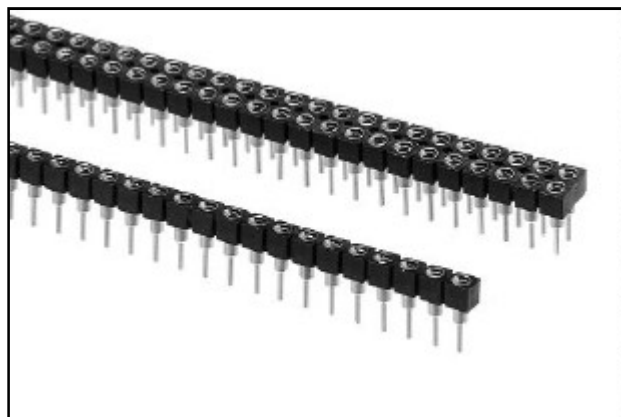
- Arries collet sockets are available in single or dual rows.
- Cuttable to the number of pins desired to fit the application.
- Side-to-side and end-to-end stackable.

- Body material is black UL 94V-0 Nylon 4/6.
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Pin body plating is either 10μ [25μm] min. Gold per MIL-G-45204 or 200μ [5.08μm] min. 93/7 Tin/Lead per MIL-P-81728 over 100μ [2.54μm] min. Nickel per QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-92.
- Contact plating is either 150μ [3.81μm] min. 93/7 Tin/Lead per MIL-P-81728 or 10μ [25μm] min. Gold per MIL-G-45204 over 50μ [1.27μm] min. Nickel per QQ-N-290. Heavy 30μ [76μm] Gold plating also available.
- Contact current rating=3 Amps.
- Operating temperature=221°F [105°C] Tin plating,
=257°F [125°C] Gold plating.
- Insertion Force=180 grams/pin; Withdrawal Force=90 grams/pin; Normal Force=140 grams/pin; based on a .018 [46] dia. test lead.
- Accepts leads .015-.025 [.38-.64] in diameter.
- Accepts lead lengths from .100 [2.54] min.

- Suggested PCB hole size=.030 ± .002 [.76 ± .05] dia.

All tolerances $\pm .005$ [.13]
unless otherwise specified

"A"=(NO. OF PINS PER ROW) X .100 [2.54]
 "B"=(NO. OF PINS PER ROW - 1) X .100 [2.54]



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.

XX-X518-1XX

No. of pins: _____
Single row: 1-40 pins
Dual row: 2-60 pins

0=Single row
1=Dual row

Series _____
Solder tail pin _____

Optional suffix:
H=Heavy Gold
 plating on collet
T=Tin plating on
 collet
E=Extra long solder
 tail pin

Plating:
0=Gold collet/Tin shell
1=Gold collet/Gold shell

Consult Data Sheet No. 12021
for Series X518 Collet Sockets
with wire wrap pins.



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