



Series 508 Open Frame Collet Sockets with Wire Wrap Pins

FEATURES:

- Open frame allows for more efficient utilization of board space and better cooling.
- 2 and 3 level wire wrap pins available.
- Compatible with automatic insertion equipment.
- Side-to-side and end-to-end stackable.

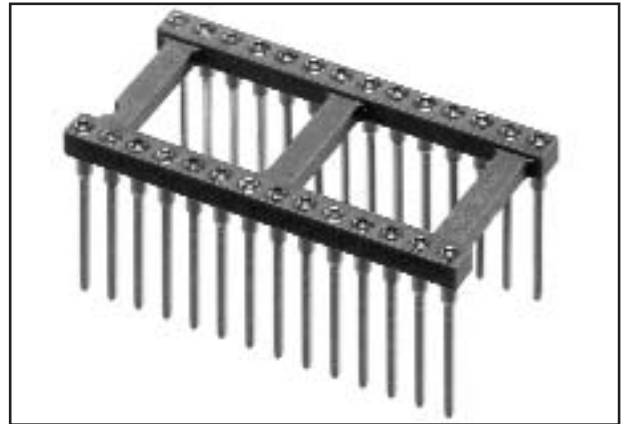
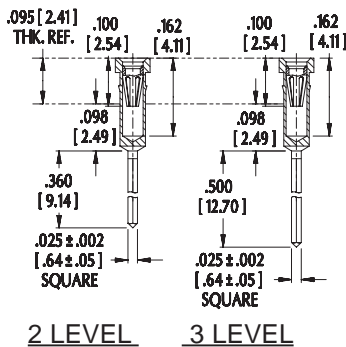
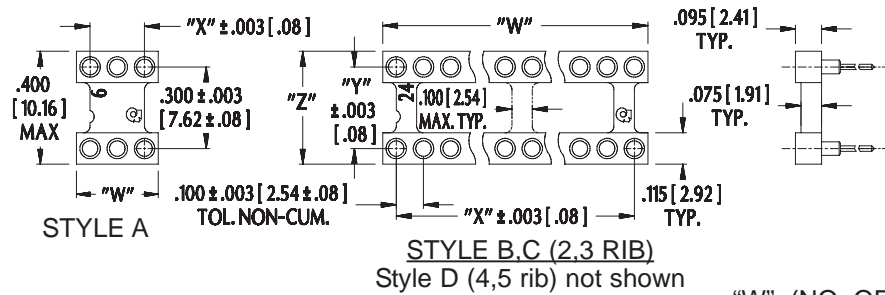
SPECIFICATIONS:

- Body material is black UL 94V-0 Glass-filled 4/6 Nylon.
- Pin body is Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-00.
- Pin body plating is either 10 μ [2.54 μ m] min. Gold per MIL-G-45204 or 200 μ [5.08 μ m] min. 93/7 Tin/Lead per ASTM B545 or 200 μ [5.08 μ m] min. Tin per ASTM B545 Type 1 over 100 μ [2.54 μ m] min. Nickel per SAE-AMS-QQ-N-290.
- 4-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Contact plating is 30 μ [7.62 μ m] min. Gold per MIL-G-45204 over 50 μ [1.27 μ m] min. Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=3 Amps.
- Operating Temp.= -67°F to 221°F [-55°C to 105°C] Tin = -67°F to 257°F [-55°C to 125°C] Gold
- 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, .110-.160 [2.79-4.06] long.

MOUNTING CONSIDERATIONS:

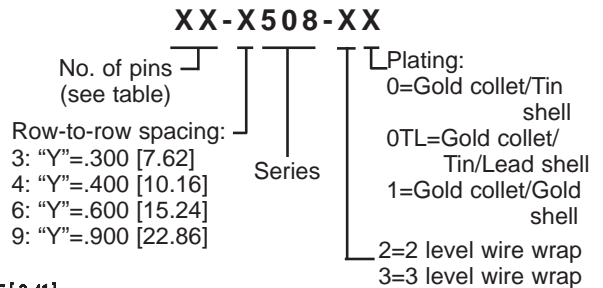
- Suggested PCB hole size=.045 \pm .002 [1.14 \pm .05] dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]



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



Other collet pins are available. Consult Data Sheet No. 12016 for solder tail pins and 12018 for surface mount pins.

Open Frame Capacitor Sockets also available. Consult Data Sheet Nos. 12026 and 12027.

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

Frame Style	No. of Ribs	Centers "Y"	Dim. "Z"	Available Sizes
A	1	.300 [7.62]	.400 [10.16]	6
B	2	.300 [7.62]	.400 [10.16]	8, 14, 16, 18, 20, 24
		.400 [10.16]	.500 [12.70]	20,22
C	3	.300 [7.62]	.400 [10.16]	28
		.400 [10.16]	.500 [12.70]	24
		.600 [15.24]	.700 [17.78]	24, 28, 32, 40, 48
D	4,5	.900 [22.86]	1.000 [25.40]	50, 64

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



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