



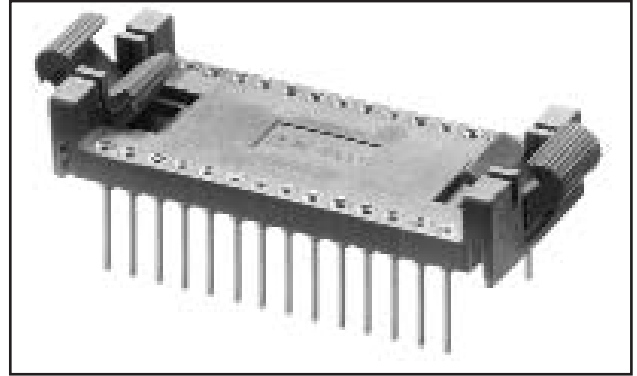
EJECT-A-DIP® Lock/Eject DIP Collet Sockets with Wire Wrap Pins

FEATURES:

- Aries EJECT-A-DIP® is a rugged, solderable socket with a unique ejector/latch for fast in-field board maintenance.
- The latch locks in the connector or device, making it ideal for high vibration environments.
- The latch, when used as an ejector, removes DIP packages without pin damage.

SPECIFICATIONS:

- Latch and body are 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 10µ [.25µm] min. Gold per MIL-G-45204 or 200µ [5.08µm] min. 93/7 Tin/Lead per ASTM B545 or 200µ [5.08µm] min. Tin per ASTM B545 Type 1 over 100µ [2.54µm] min. Nickel per SAE-AMS-QQ-N-290.
- 6-fingered collet contact is Beryllium Copper Alloy per UNS C17200 ASTM-B194-01.
- Contact plating is 30µ [.76µm] min. Gold per MIL-G-45204 over 50µ [1.27µm] min. Nickel per SAE-AMS-QQ-N-290.
- Contact current rating=3 Amps.
- Insulation resistance=10,000 MOhms @ 500 VDC.
- Withstanding voltage=1000 V RMS.
- Operating temp.= -67°F to 221°F [-55°C to 105°C] Tin plating, = -67°F to 257°F [-55°C to 125°C] Gold.
- Insertion Force= 67g/pin; Withdrawal Force=30g/pin; Normal Force=45g/pin; based on .018 [.46] dia. test lead.



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

XX-CXXX-XXXX

No. of pins

Dim. "H" (see table)

2=2 level wire wrap

3=3 level wire wrap

Plating:

0=Gold collet/Tin

Body

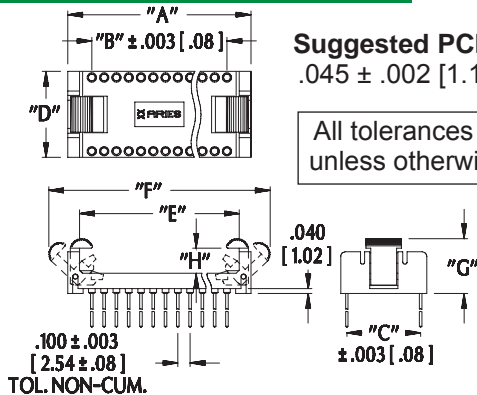
0TL=Gold collet/

Tin/Lead Body

1=Gold collet/Gold

Body

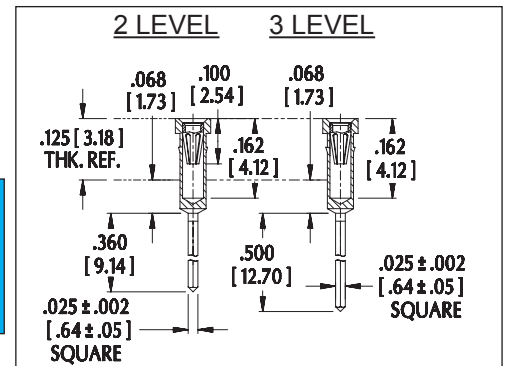
ALL DIMENSIONS: INCHES [MILLIMETERS]



Suggested PCB hole size= .045 ± .002 [1.15 ± .05] dia.

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

Consult Data Sheet No. 12024 for EJECT-A-DIP® collet sockets with solder tail pins.



No. of Pins	Catalog No.	Dim. "A"	Dim. "B"	Centers "C"	Dim. "D"	Dim. "E"	Dim. "F"	Dim. "G"	Dim. "H"
14	14-C280-XX	.950 [24.10]	.600 [15.24]	.300 [7.62]	.400 [10.16]	.770 [19.56]	1.300 [33.02]	.490 [12.45]	.280 [7.11]
14	14-C195-XX	.950 [24.10]	.600 [15.24]	.300 [7.62]	.400 [10.16]	.770 [19.56]	1.300 [33.02]	.450 [11.43]	.195 [4.95]
16	16-C280-XX	1.050 [26.70]	.700 [17.78]	.300 [7.62]	.400 [10.16]	.870 [22.10]	1.540 [39.12]	.490 [12.45]	.280 [7.11]
16	16-C195-XX	1.050 [26.70]	.700 [17.78]	.300 [7.62]	.400 [10.16]	.870 [22.10]	1.390 [35.31]	.450 [11.43]	.195 [4.95]
24	24-C300-XX	1.490 [37.85]	1.100 [27.94]	.600 [15.24]	.700 [17.78]	1.300 [33.02]	1.970 [50.04]	.570 [14.48]	.300 [7.62]
24	24-C212-XX	1.490 [37.85]	1.100 [27.94]	.600 [15.24]	.700 [17.78]	1.300 [33.02]	1.850 [47.00]	.490 [12.45]	.212 [5.39]
24	24-C182-XX	1.490 [37.85]	1.100 [27.94]	.600 [15.24]	.700 [17.78]	1.300 [33.02]	1.800 [45.72]	.460 [11.68]	.182 [4.62]
28	28-C300-XX	1.690 [42.90]	1.300 [33.02]	.600 [15.24]	.700 [17.78]	1.500 [38.10]	2.170 [55.12]	.570 [14.48]	.300 [7.62]
28	28-C212-XX	1.690 [42.90]	1.300 [33.02]	.600 [15.24]	.700 [17.78]	1.500 [38.10]	2.050 [52.07]	.490 [12.45]	.212 [5.39]
28	28-C182-XX	1.690 [42.90]	1.300 [33.02]	.600 [15.24]	.700 [17.78]	1.500 [38.10]	2.000 [50.80]	.460 [11.68]	.182 [4.62]
32	32-C300-XX	1.890 [48.00]	1.500 [38.10]	.600 [15.24]	.700 [17.78]	1.700 [43.18]	2.540 [64.52]	.570 [14.48]	.300 [7.62]
32	32-C212-XX	1.890 [48.00]	1.500 [38.10]	.600 [15.24]	.700 [17.78]	1.700 [43.18]	2.070 [52.58]	.490 [12.45]	.212 [5.39]
32	32-C182-XX	1.890 [48.00]	1.500 [38.10]	.600 [15.24]	.700 [17.78]	1.700 [43.18]	2.200 [55.88]	.460 [11.68]	.182 [4.62]
40	40-C300-XX	2.290 [58.20]	1.900 [48.26]	.600 [15.24]	.700 [17.78]	2.100 [53.34]	2.780 [70.61]	.570 [14.48]	.300 [7.62]
40	40-C212-XX	2.290 [58.20]	1.900 [48.26]	.600 [15.24]	.700 [17.78]	2.100 [53.34]	2.650 [67.31]	.490 [12.45]	.212 [5.39]
40	40-C182-XX	2.290 [58.20]	1.900 [48.26]	.600 [15.24]	.700 [17.78]	2.100 [53.34]	2.600 [66.04]	.460 [11.68]	.182 [4.62]



http://www.arieselec.com • info@arieselec.com

Bristol, PA USA
TEL: (215) 781-9956
FAX: (215) 781-9845



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