



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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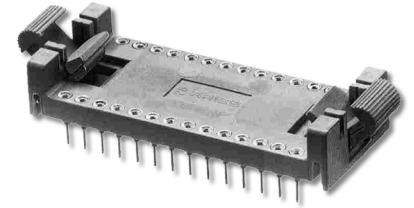




EJECT-A-DIP™ Lock/Eject DIP Socket w/Collet Contacts & Solder Pin Tails

FEATURES

- Rugged, Solderable Socket with a Unique Ejector/Latch for Fast In-field Board Maintenance
- Latch Locks-in Connector or Device for High-vibration Environments
- Ejector/Latch removes DIP Packages without Damage



GENERAL SPECIFICATIONS

- LATCH & BODY: Black UL-94V-0 Glass-filled 4/6 Nylon
- PIN BODY: Brass 360 1/2-hard per UNS C36000 ASTM B16/B16M-05
- PIN BODY PLATING: 10μ [0.25μ] min. Au per MIL-G-45204 –OR– 200μ [5.08μ] min. 93/7 Sn/Pb per ASTM B545 –OR– 200μ [5.08μ] min. Sn per ASTM B545 Type 1 over 100μ [2.54μ] min. Ni per SAE AMS-QQ-N-290B
- 6-FINGER COLLECT CONTACTS: BeCu per UNS C17200 ASTM B194-08
- CONTACT PLATING: 200μ [5.08μ] min. 93/7 Sn/Pb per ASTM B545 –OR– 200μ [5.08μ] min. Sn per ASTM B545 Type 1 –OR– 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B. Heavy 30μ [0.76μ] Au plating on contacts also available.
- CONTACT CURRENT RATING: 3 amps
- INSULATION RESISTANCE: 10,000 MΩ at 500VDC
- WITHSTANDING VOLTAGE: 1000Vrms
- OPERATING TEMPERATURE: -67°F to 221°F [-55°C to 105°C] for Sn plating; -67°F to 257°F [-55°C to 125°C] for Au plating
- INSERTION FORCE: 67g/pin, based on 0.018 [0.46] dia. test lead
- WITHDRAWAL FORCE: 30g/pin, based on 0.018 [0.46] dia. test lead
- NORMAL FORCE: 45g/pin, based on 0.018 [0.46] dia. test lead

ORDERING INFORMATION

XX-CXXX-X XXX XX

Optional Plating

- H = Heavy Au Collet
- T = Sn Collet & Shell
- TL = Sn/Pb Collet & Shell

Plating

- 0 = Au Collet, Sn Shell
- OTL = Au Collet, Sn/Pb Shell
- 1 = Au Collet & Shell

Termination

- 1 = Solder Pin Tail

Dim. "H"

(See Table)

No. of Pins

(See Table)

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.030 ±0.002 [0.76 ±0.05] dia.

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

FOR COLLECT SOCKETS w/SURFACE MOUNT PINS, SEE [DATA SHEET 12023](#)

FOR COLLET SOCKET w/WIRE WRAP PINS, SEE [DATA SHEET 12025](#)

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

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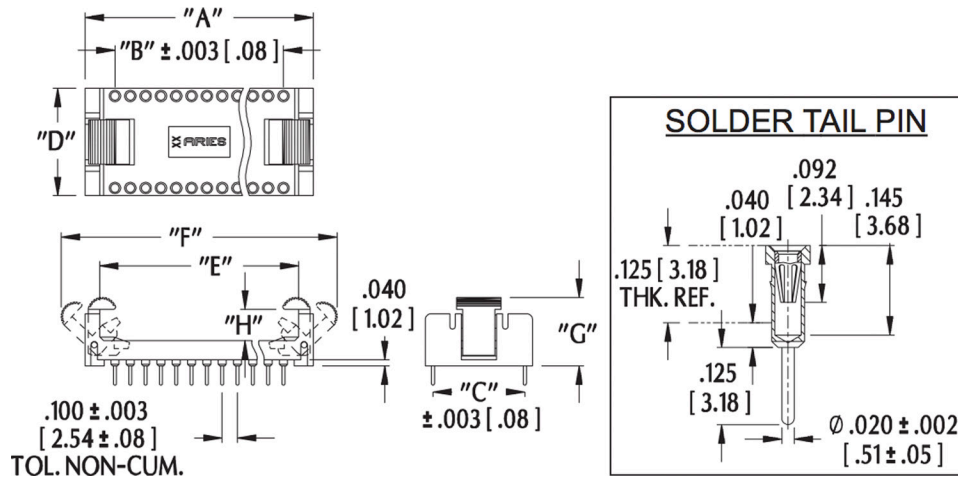
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12024
Rev. 7.2
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EJECT-A-DIP™ Lock/Eject DIP Socket w/Collet Contacts & Solder Pin Tails



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	0.950 [24.10]	0.600 [15.24]	0.300 [7.62]	0.400 [10.16]	0.770 [19.56]	1.300 [33.02]	0.490 [12.45]	0.280 [7.11]
14	14-C195-XX	0.950 [24.10]	0.600 [15.24]	0.300 [7.62]	0.400 [10.16]	0.770 [19.56]	1.300 [33.02]	0.450 [11.43]	0.195 [4.95]
16	16-C280-XX	1.050 [26.70]	0.700 [17.78]	0.300 [7.62]	0.400 [10.16]	0.870 [22.10]	1.540 [39.12]	0.490 [12.45]	0.280 [7.11]
16	16-C195-XX	1.050 [26.70]	0.700 [17.78]	0.300 [7.62]	0.400 [10.16]	0.870 [22.10]	1.390 [35.31]	0.450 [11.43]	0.195 [4.95]
24	24-C300-XX	1.490 [37.85]	1.100 [27.94]	0.600 [15.24]	0.700 [17.78]	1.300 [33.02]	1.970 [50.04]	0.570 [14.48]	0.300 [7.62]
24	24-C212-XX	1.490 [37.85]	1.100 [27.94]	0.600 [15.24]	0.700 [17.78]	1.300 [33.02]	1.850 [47.00]	0.490 [12.45]	0.212 [5.39]
24	24-C182-XX	1.490 [37.85]	1.100 [27.94]	0.600 [15.24]	0.700 [17.78]	1.300 [33.02]	1.800 [45.72]	0.460 [11.68]	0.182 [4.62]
28	28-C300-XX	1.690 [42.90]	1.300 [33.02]	0.600 [15.24]	0.700 [17.78]	1.500 [38.10]	2.170 [55.12]	0.570 [14.48]	0.300 [7.62]
28	28-C212-XX	1.690 [42.90]	1.300 [33.02]	0.600 [15.24]	0.700 [17.78]	1.500 [38.10]	2.050 [52.07]	0.490 [12.45]	0.212 [5.39]
28	28-C182-XX	1.690 [42.90]	1.300 [33.02]	0.600 [15.24]	0.700 [17.78]	1.500 [38.10]	2.000 [50.80]	0.460 [11.68]	0.182 [4.62]
32	32-C300-XX	1.890 [48.00]	1.500 [38.10]	0.600 [15.24]	0.700 [17.78]	1.700 [43.18]	2.540 [64.52]	0.570 [14.48]	0.300 [7.62]
32	32-C212-XX	1.890 [48.00]	1.500 [38.10]	0.600 [15.24]	0.700 [17.78]	1.700 [43.18]	2.070 [52.58]	0.490 [12.45]	0.212 [5.39]
32	32-C182-XX	1.890 [48.00]	1.500 [38.10]	0.600 [15.24]	0.700 [17.78]	1.700 [43.18]	2.200 [55.88]	0.460 [11.68]	0.182 [4.62]
40	40-C300-XX	2.290 [58.20]	1.900 [48.26]	0.600 [15.24]	0.700 [17.78]	2.100 [53.34]	2.780 [70.61]	0.570 [14.48]	0.300 [7.62]
40	40-C212-XX	2.290 [58.20]	1.900 [48.26]	0.600 [15.24]	0.700 [17.78]	2.100 [53.34]	2.650 [67.31]	0.490 [12.45]	0.212 [5.39]
40	40-C182-XX	2.290 [58.20]	1.900 [48.26]	0.600 [15.24]	0.700 [17.78]	2.100 [53.34]	2.600 [66.04]	0.460 [11.68]	0.182 [4.62]

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