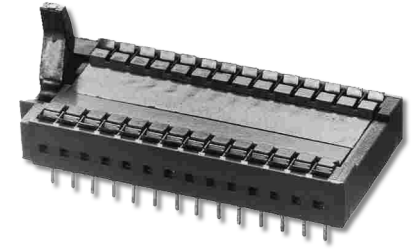




# Series 526 Lo-PRO® file Zero-Insertion-Force Socket

## FEATURES

- Choice of 24-, 28-, or 40-pin Count Devices Inserted without Bending or Damaging Device Legs
- Insert and Remove Components from Socket without Force
- Metal Cam provides Strong, Smooth Action as it moves to a Positive Stop, Compressing the Double-sided Contacts, Ensuring Gas-tight Seal
- Test Point Openings Reach All Pins



## GENERAL SPECIFICATIONS

- **PLASTIC BODY:** Black UL 94V-0 Glass-filled 4/6 Nylon
- **CONTACTS:** Spring-tempered BeCu 172
- **CONTACT PLATING:** 200μ [5.08μ] min. matte Sn per ASTM B545-97(2004) over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290 –OR– 200μ [5.08μ] min. 90/10 Sn/Pb per MIL-T-10727 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290 –OR– 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290 – consult factory for availability
- **CAM:** lightweight, strong, and rigid cast Zn
- **OPERATING TEMPERATURE:** -67°F to 221°F [-55°C to 105°C] for Sn & Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] for Au plating
- **CONTACT CURRENT RATING:** 2 amps
- **CONTACT RESISTANCE:** 10 MΩ max.
- **BREAKDOWN VOLTAGE:** 1000VAC min.
- **AVERAGE RETENTION FORCE (when closed):** 110g/Pb, based on 0.010 [0.25] dia. test lead
- **ACCEPTS LEADS:** 0.008-0.014 [0.20-0.36] thick leads, 0.075-0.200 [1.91-5.08] long

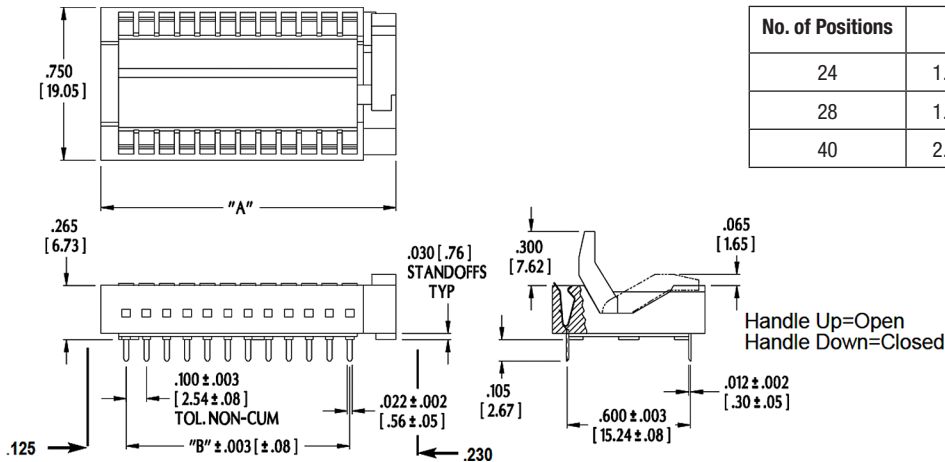
## ORDERING INFORMATION

**XX-526-1 XXX**

- Plating  
0 = Sn  
OTL = Sn/Pb  
1 = Au
- Solder Tail Only
- Series
- Pins – (See Table)

## MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.035 ±0.002 [0.89 ±0.05] dia.



No. of Positions	Dim. "A"	Dim. "B"
24	1.450 [36.83]	1.100 [27.94]
28	1.650 [41.90]	1.300 [33.02]
40	2.250 [57.15]	1.900 [48.26]

ALL DIMENSIONS: INCHES [MILLIMETERS]  
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED  
FOR SERIES 516 STANDARD ZIF SOCKET, SEE DATA SHEET 10017  
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION.  
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