



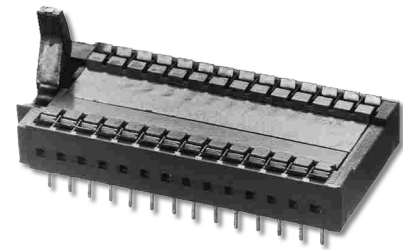
Series 526 Lo-PRO® file Zero-Insertion-Force Socket

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:** 200 μ [5.08 μ] min. matte Sn per ASTM B545-97(2004) over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290 –OR– 200 μ [5.08 μ] min. 90/10 Sn/Pb per MIL-T-10727 over 50 μ [1.27 μ] min. Ni per SAE AMS-QQ-N-290 –OR– 10 μ [0.25 μ] min. Au per MIL-G-45204 over 50 μ [1.27 μ] 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 M Ω 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



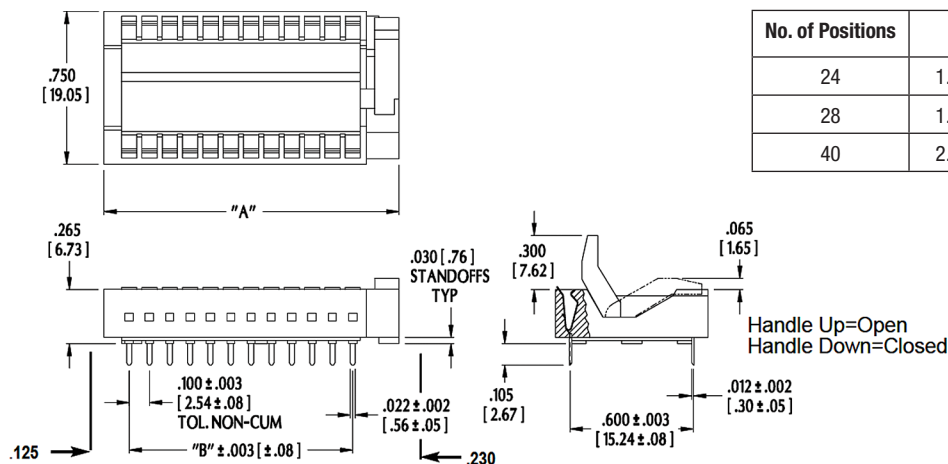
ORDERING INFORMATION

XX-526-1 XXX

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

MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.035 $\pm$ 0.002 [0.89 $\pm$ 0.05] dia.



ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: $\pm$ 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.
SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE
FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS
WITHOUT NOTICE

PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE
CONSIDERED UNCONTROLLED



ARIES
ELECTRONICS, INC.

2609 Bartram Road • Bristol, PA 19007-6810 USA
TEL 215-781-9956 • FAX 215-781-9845
WWW.ARIESELEC.COM • INFO@ARIESELEC.COM



10018
Rev. 2.2
1 of 1