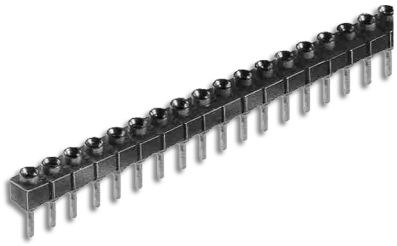
# Series 0513 Pin-Line™ Socket Strips w/Collet Contacts & Solder Pin Tails

## FEATURES

- Rows of Socket Strips may be Mounted on Any Centers and are End-to-end or Side-to-side Stackable for 0.100 [2.54] Grid or Matrix Patterns
- Available with Solder Pin Tails or Wire Wrap Pins
- Socket Strips can be Cut to the Desired Number of Positions with “break” Feature



## GENERAL SPECIFICATIONS

- **BODY MATERIAL**: 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
- **4-FINGER COLLET CONTACT**: 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] Au per MIL-G-45204 over 50µ [1.27µ] min. [1.27µ] Ni per SAE AMS-QQ-N-290 heavy 30µ [0.76µ]
- **CONTACT CURRENT RATING**: 3 amps
- **INSERTION FORCE**: 180g/pin, based on 0.018 [0.46] dia. test lead
- **WITHDRAWAL FORCE**: 90g/pin, based on 0.018 [0.46] dia. test lead
- **NORMAL FORCE**: 140g/pin, based on 0.018 [0.46] dia. test lead
- **OPERATING TEMPERATURE**: 221°F [105°C] for Sn and Sn/Pb; 257°F [125°C] for Au plating
- **ACCEPTS LEADS**: 0.015-0.025 [0.38-0.64] dia., 0.100-0.146 [2.54-3.71] long

## MOUNTING CONSIDERATIONS

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

## ORDERING INFORMATION

**XX 0513-X XX XX**

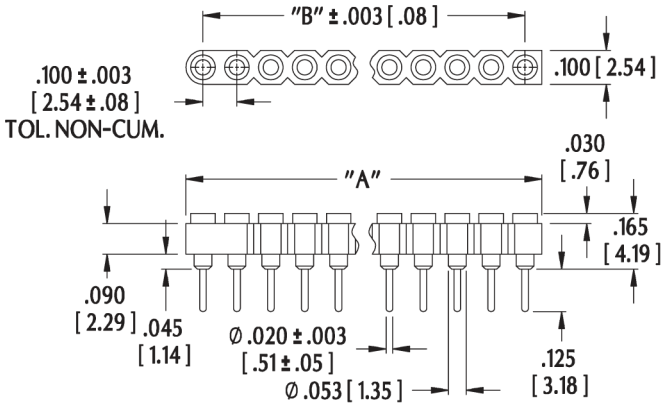
**Additional Plating**
H = heavy Au on Collet
T = Sn Collet/Sn Shell
TL = Sn/Pb Collet, Sn/Pb Shell

**Plating**
0 = Au Collet/Sn Shell
0TL = Au Collet/Sn/Pb Shell
1 = Au Collet/Au Shell

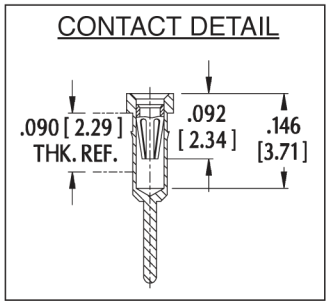
**Termination**
1 = Solder Pin Tail

**Series**
2 = 0.200 [5.08]
3 = 0.300 [7.62]
4 = 0.400 [10.16]
6 = 0.600 [15.24]
9 = 0.900 [22.86]

**No. of Pins**
(1 thru 25)




“A”= NO. OF PINS PER ROW x 0.100 [2.54]
“B”= (NO. OF PINS PER ROW -1) x 0.100 [2.54]




ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR SOCKETS WITH WIRE WRAP PINS, SEE DATA SHEETS 12014
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

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