



# 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

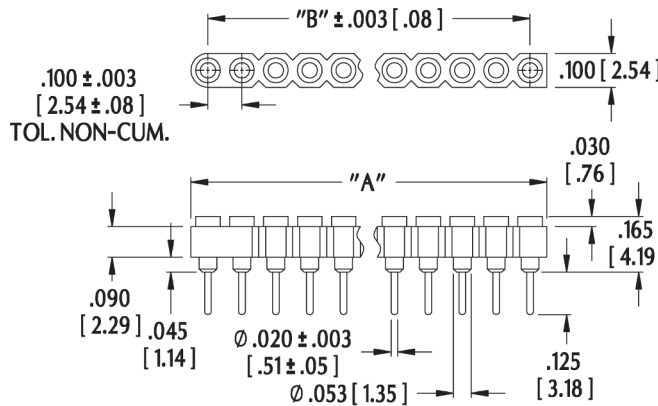
- 0 = Au Collet/Sn Shell
- OTL = Au Collet/Sn/Pb Shell
- 1 = Au Collet/Au Shell

### Termination

- 1 = Solder Pin Tail

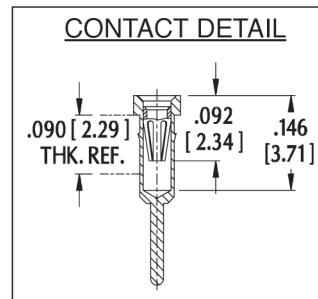
No. of Pins

(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

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