



Series 501 Strip-Line™ Socket Strip w/Bifurcated Contacts & Wire Wrap Pins

FEATURES

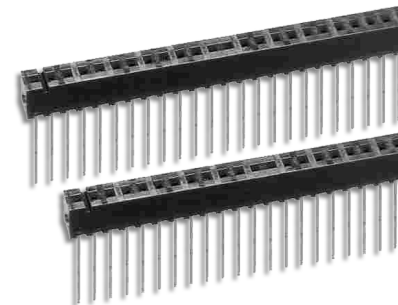
- Mount Liquid Crystal Displays or Other High Pin-count or Odd-centered Components
- Available in Several Sizes with Bifurcated Contacts in Wire Wrap or Solder Pin Tails Consult Data Sheet 12008 for Solder Pin Tails
- Optional Spacer for Mounting on 0.300 [7.62], 0.600 [15.24], 0.900 [22.86], 1.100 [27.94], and 1.300 [33.02] Centers Consult factory for other sizes.

GENERAL SPECIFICATIONS

- BODY: black UL 94V-0 glass-filled 4/6 Nylon
- PIN: Grade A Phosphor Bronze per QQ-B-750
- OPTIONAL SPACER: FR-4 0.032 [0.81] thick
- PIN PLATING: "11" 10μ [0.25μ] min. Au per MIL-G-45204 over 50μ [1.27μ] Dim. "L" min. Ni per SAE AMS-QQ-N-290B; "10" 200μ [5.08μ] min. matte Sn per ASTM B545-97(2004)e1 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B; "10TL" 200μ [5.08μ] min. 90/10 Sn/Pb per MIL-T-10727 Type 1 over 50μ [1.27μ] min. Ni per SAE AMS-QQ-N-290B
- CURRENT RATING: 1 amp
- OPERATING TEMPERATURE: -67°F to 221°F [-55°C to 105°C] Sn & Sn/Pb plating; -67°F to 257°F [-55°C to 125°C] Au
- INSERTION FORCE: 110g/pin average
- WITHDRAWAL FORCE: 75g/pin average
- ACCEPTS: flat leads up to 0.014 x 0.020 wide [0.36-0.51], Round Leads up to 0.020 [0.51] dia.
- SOCKET ACCEPTS: lead lengths from seating plane 0.080-0.160 [2.03-4.06]

MOUNTING CONSIDERATIONS

- SUGGESTED PCB HOLE SIZE: 0.045 ±0.002 [0.114 ±0.05] dia.



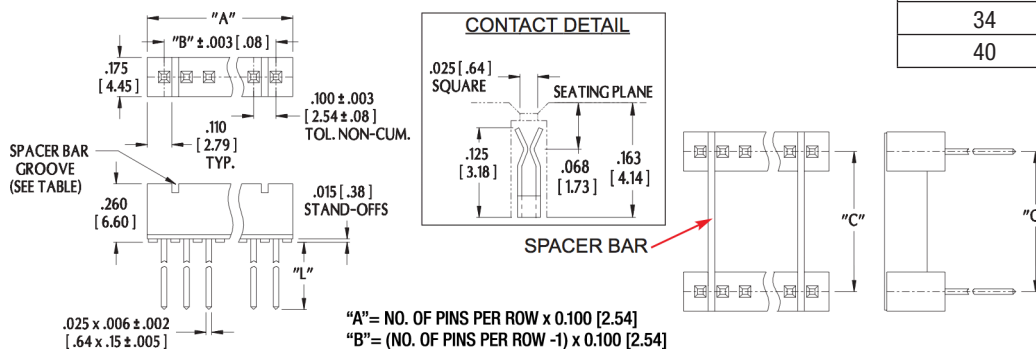
ORDERING INFORMATION

XX-0 501-X XXX

- Plating
 - 0 = Sn
 - OTL = Sn/Pb
 - 1 = Au
- Termination
 - 2 = 2-level Wire Wrap
 - 2 = 3-level Wire Wrap
- Series
- Single Row Socket
- No. of Pins
(See Table)

	Dim. "L"
2-level Wire Wrap	0.420 [10.67]
3-level Wire Wrap	0.690 [17.52]

No. of Pins	No. of Grooves
20	2
25	2
30	2
34	2
40	2



ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FOR STRIP-LINE SOCKETS w/SOLDER PIN TAILS, SEE DATA SHEETS 12008
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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12009
Rev. 5.1
1 of 1

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<u>23-0501-20</u>	<u>23-0501-21</u>	<u>23-0501-30</u>	<u>23-0501-31</u>	<u>27-0501-31</u>	<u>27-0501-30</u>	<u>27-0501-21</u>	<u>27-0501-20</u>	<u>25-0501-20</u>	<u>25-0501-21</u>	<u>25-0501-30</u>	<u>25-0501-31</u>	<u>21-0501-21</u>	<u>29-0501-31</u>	<u>21-0501-20</u>	<u>29-0501-30</u>	<u>21-0501-31</u>	<u>29-0501-21</u>	<u>21-0501-30</u>	<u>29-0501-20</u>	<u>26-0501-30</u>	<u>26-0501-31</u>	<u>26-0501-20</u>	<u>26-0501-21</u>	<u>22-0501-31</u>	<u>22-0501-30</u>	<u>22-0501-21</u>	<u>22-0501-20</u>	<u>20-0501-21</u>	<u>28-0501-31</u>	<u>20-0501-20</u>	<u>28-0501-30</u>	<u>20-0501-30</u>	<u>28-0501-20</u>	<u>20-0501-31</u>	<u>28-0501-21</u>	<u>24-0501-30</u>	<u>24-0501-20</u>	<u>24-0501-21</u>	<u>31-0501-20</u>	<u>39-0501-30</u>	<u>39-0501-31</u>	<u>31-0501-21</u>	<u>31-0501-30</u>	<u>39-0501-21</u>	<u>31-0501-31</u>	<u>35-0501-31</u>	<u>35-0501-30</u>	<u>35-0501-21</u>	<u>35-0501-20</u>	<u>33-0501-31</u>	<u>33-0501-30</u>	<u>33-0501-21</u>	<u>33-0501-20</u>	<u>37-0501-20</u>	<u>37-0501-21</u>	<u>37-0501-30</u>	<u>37-0501-31</u>	<u>34-0501-30</u>	<u>34-0501-31</u>	<u>34-0501-20</u>	<u>34-0501-21</u>	<u>30-0501-31</u>	<u>38-0501-21</u>	<u>30-0501-30</u>	<u>38-0501-20</u>	<u>30-0501-21</u>	<u>38-0501-31</u>	<u>30-0501-20</u>	<u>38-0501-30</u>	<u>36-0501-20</u>	<u>36-0501-31</u>	<u>36-0501-30</u>	<u>32-0501-20</u>	<u>32-0501-21</u>	<u>32-0501-30</u>	<u>32-0501-31</u>	<u>07-0501-21</u>	<u>07-0501-20</u>	<u>07-0501-31</u>	<u>07-0501-30</u>	<u>03-0501-20</u>	<u>03-0501-21</u>	<u>03-0501-31</u>	<u>03-0501-30</u>	<u>09-0501-21</u>	<u>09-0501-20</u>	<u>09-0501-31</u>	<u>09-0501-30</u>	<u>05-0501-20</u>	<u>05-0501-21</u>	<u>05-0501-30</u>	<u>05-0501-31</u>	<u>02-0501-21</u>	<u>02-0501-20</u>	<u>02-0501-31</u>	<u>02-0501-30</u>
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