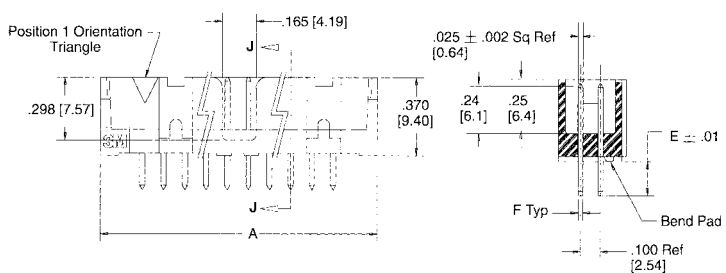
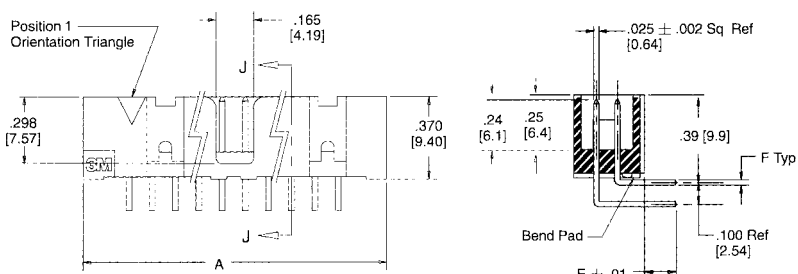


3M.100" × .100" LOW PROFILE BOX HEADERS

3M™ N2500 and 303 series low profile headers are designed to save space on and allow close stacking between PC boards. Available in 6 thru 64 pin quantities and mate to all .100 × 100-inch polarized wiremount sockets. Mating charts and detailed technical drawings available on request.



STRAIGHT



RIGHT ANGLE

ORDERING INFORMATION

X25XX-X0XXXX

Blank = Standard
N = High Temperature

Pin Quantity:

(See Table 1)

Bend Pad Option:

5 = Right angle

6 = Straight pin product with bend pad in High temp or normal plastics

7 = Straight pin product w/o bend pad in High temp only

Tail

02 = Solder Tails for .062 [1.57] Thick Board.

K2 = Kinked Solder Tails for .062 [1.57] Thick Board.

03 = Solder Tails for .094 to .125 [2.39 to 3.18] Thick Board.

05 = Wrap Tails for up to 3 Levels of Wire Wrap. (Normal temp only)

Mating Plating Thickness:

Solder Tail Versions

US = 15 μm [0.39 μm]

UB = 30 μm [0.76 μm]

Wrap Tail Versions

EB = 30 μm [0.76 μm]

(Normal temp Only)

N2500 SERIES SHROUDED HEADERS

Available in 10 thru 50 pins. Dual slot and Centre bump polarization for broader compatibility. High-temp insulation suitable for lead-free processing. Optional snap-in latches and polarizing post. Optional retainer clip for locking sockets in place in vibration-prone environments. **MATERIALS:** Insulator: Black glass-filled polyester UL94V-0 rated. Contacts: Copper alloy, plated 30μ" gold over 100μ" nickel plate >Tails 200μ" matte tin. **OPERATING TEMPERATURE:** -55°C to +105°C, process rated to 260°C, single pass per J-STD-020C. **CURRENT RATING:** 1 amp.

| Cat. No. | No. of Contacts | Dim. A | Net Price |
|----------|-----------------|--------|-----------|
|----------|-----------------|--------|-----------|

.112" (2.84mm) SOLDER TAILS FOR .062 THICK PC BOARDS, 4-WALL, STRAIGHT PINS

| | | | |
|--------------|----|---------------|--------|
| N2510-6002RB | 10 | .788 (20.02) | \$2.41 |
| N2520-6002RB | 20 | 1.288 (32.72) | 2.88 |
| N2526-6002RB | 26 | 1.588 (40.34) | 3.10 |
| N2534-6002RB | 34 | 1.988 (50.50) | 3.72 |
| N2540-6002RB | 40 | 2.288 (58.12) | 3.98 |
| N2550-6002RB | 50 | 2.788 (70.82) | 4.93 |

.112" (2.84mm) SOLDER TAILS FOR .062 THICK PC BOARDS, 4-WALL, RIGHT ANGLE PINS

| | | | |
|--------------|----|---------------|------|
| N2510-5002RB | 10 | .788 (20.02) | 2.67 |
| N2520-5002RB | 20 | 1.288 (32.72) | 3.21 |
| N2526-5002RB | 26 | 1.588 (40.34) | 3.40 |
| N2534-5002RB | 34 | 1.988 (50.50) | 4.05 |
| N2540-5002RB | 40 | 2.228 (58.12) | 4.38 |
| N2550-5002RB | 50 | 2.788 (70.82) | 5.40 |

NOTE: Additional pin quantities and longer tail options available.