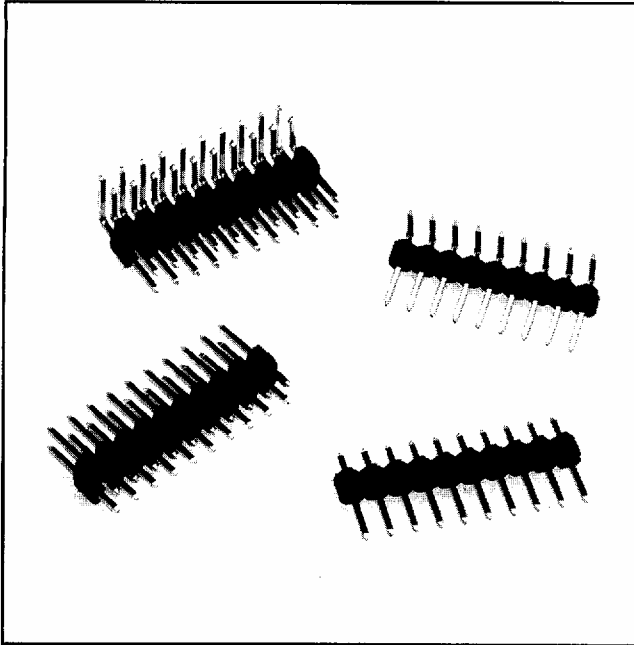


.100" and .100" × .100" Pin Strip Header

Straight & Right Angle, Solder Tail

2300 Series



- One and two row versions
- Straight and right angle versions
- Tin lead or gold plating available
- Tapered tip does not cut the socket wipe during insertion, reducing operational failure and repairs
- Board retention feature available

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Sheet 1 of 3

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Physical

Insulation

Material: Glass Filled Polyester (PBT)
Flammability: UL 94V-0
Color: Black

Contact

Material: Phosphor Bronze
Plating
Underplate: Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 100 μ " [2.54 μ m] 90/10 Tin Lead —MIL-P-81728

Electrical

Current Rating: 1 A
Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 Vdc
Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

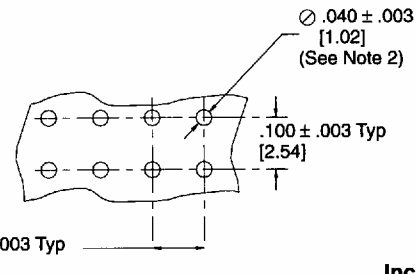
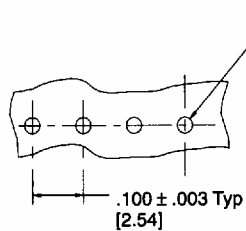
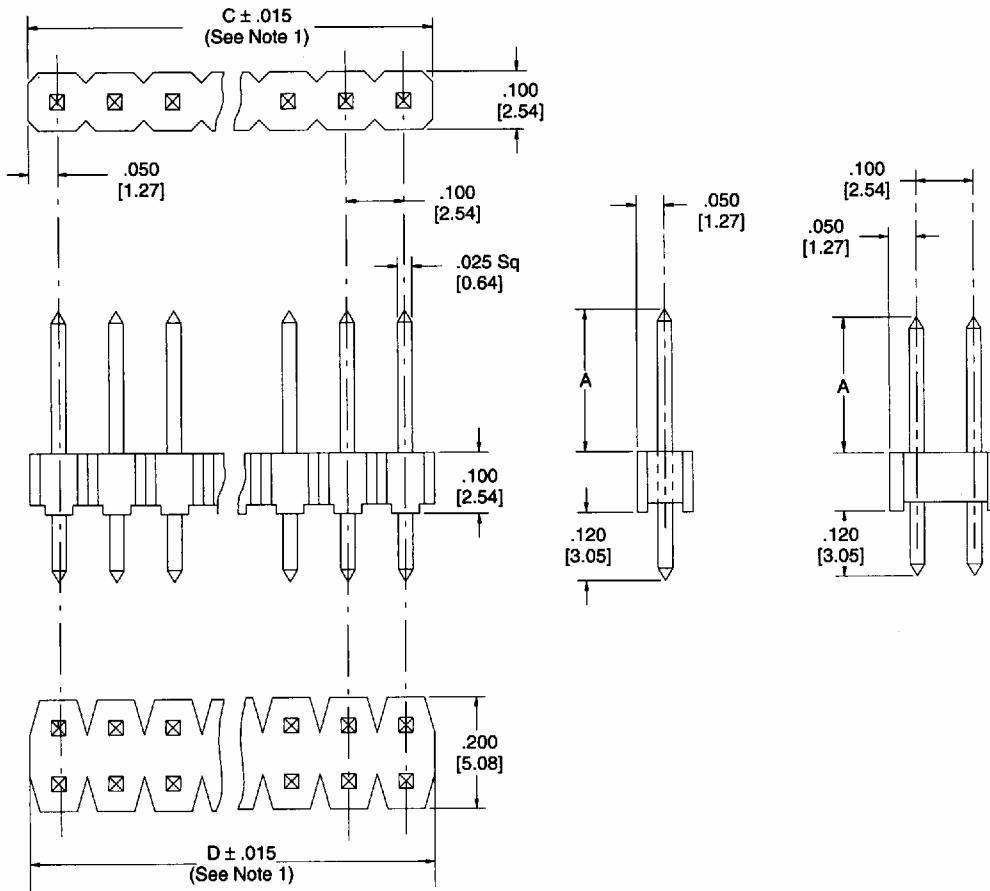
Operating Temperature Rating: -55°C to $+105^\circ\text{C}$

.100" and .100" × .100" Pin Strip Header

Straight & Right Angle, Solder Tail

2300 Series

Straight



Recommended Mounting Hole Pattern

Inch
[mm]

| Tolerance Unless Noted | | | |
|------------------------|------|-------|--------|
| | .0 | .00 | .000 |
| Inch | ± .1 | ± .01 | ± .005 |

Notes:

- "C" = .100" X pin quantity per row.
- The recommended PCB hole size for the kinked tail positions on the .120" solder tail connector is .040" ± .002.

[] Dimensions for Reference only

Ordering Information

23XX-5XXTX

Pin Quantity
One Row (02-40)
Two Row (04-80)

Pin Length
(Dim A)
1 = .230"
2 = .318"

Tail
One Row
11 = .120" Solder Tails
51 = .120" Kinked Solder Tails

Two Row
21 = .120" Solder Tails
81 = .120" Kinked Solder Tails

Plating
G = 10μ Gold / 50μ Nickel
N = Gold Flash / 30μ Nickel

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Sheet 2 of 3