.100″ x .100″ Pin Strip Header
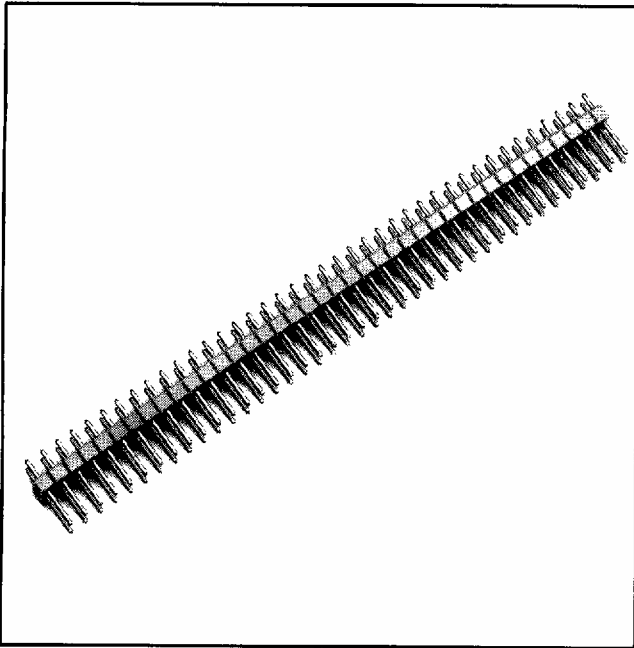
Straight Solder Tail

- Break to length for faster delivery, lower inventory costs, and faster prototyping
- Bullet nose pin tip does not cut the socket wipe during insertion reducing operational failures and repairs
- Solder standoffs are easy to wash of flux residue reducing costly rework
- Board pin retention feature available

Physical

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

Contact
Material: Phosphor Bronze (C510)
Plating
Underplate: 100 μ'' [2.54 μm] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 200 μ'' [5.08 μm] 90/10 Tin Lead — MIL-P-81728

Electrical

Current Rating: 3 A
Insulation Resistance: $>1 \times 10^9$ Ω at 500 Vdc
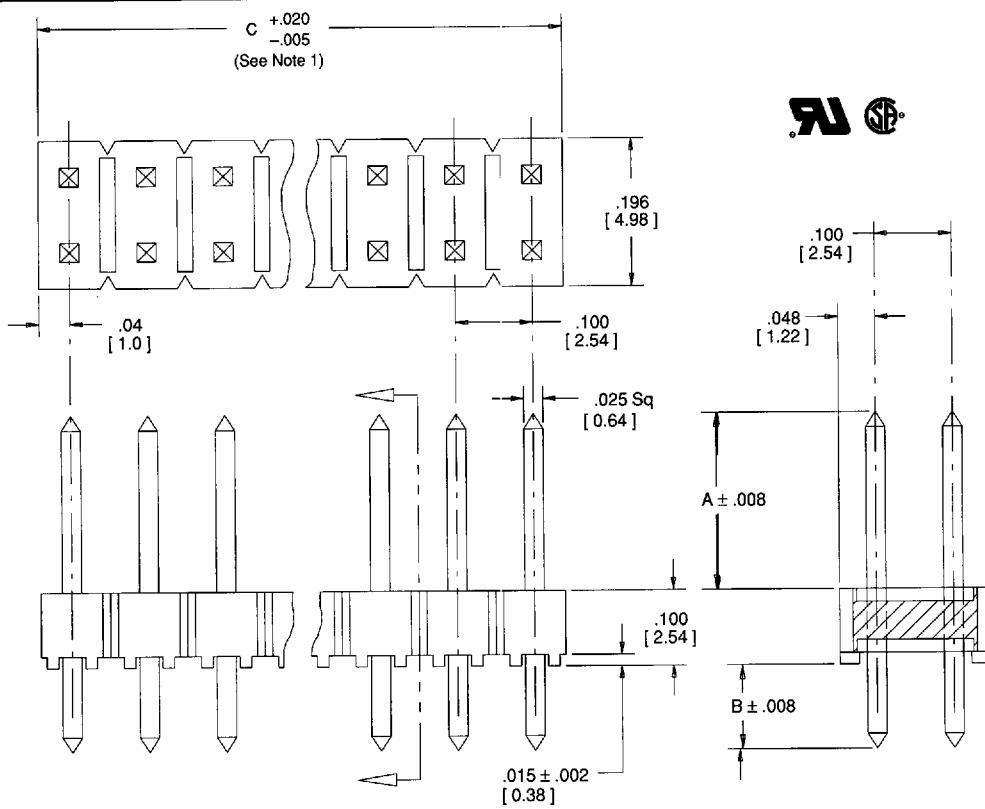Withstanding Voltage: 1000 Vac at Sea Level

Environmental

Temperature Rating: −55°C to +105°C

Contact Qty	Dimension C
02	0.09 [2.3]
04	0.19 [4.8]
06	0.29 [7.4]
08	0.39 [9.9]
10	0.49 [12.4]
12	0.59 [15.0]
14	0.69 [17.5]
16	0.79 [20.1]
18	0.89 [22.6]
20	0.99 [25.1]
22	1.09 [27.7]
24	1.19 [30.2]
26	1.29 [32.8]
28	1.39 [35.3]
30	1.49 [37.8]
32	1.59 [40.4]
34	1.69 [42.9]
36	1.79 [45.5]
38	1.89 [48.0]
40	1.99 [50.5]
42	2.09 [53.1]
44	2.19 [55.6]
46	2.29 [58.2]
48	2.39 [60.7]
50	2.49 [63.2]
52	2.59 [65.8]
54	2.69 [68.3]
56	2.79 [70.9]
58	2.89 [73.4]
60	2.99 [75.9]
62	3.09 [78.5]
64	3.19 [81.0]
66	3.29 [83.6]
68	3.39 [86.1]
70	3.49 [88.6]
72	3.59 [91.2]
74	3.69 [93.7]
76	3.79 [96.3]
78	3.89 [98.8]
80	3.98 [101.1]

Sheet 2 of 2

TS-0346-13

C +.020 −.005
(See Note 1)

.196 [4.98]

.100 [2.54]

.048

.04 [1.0]

.100 [2.54]

A ± .008

.025 Sq [0.64]

.100 [2.54]

B ± .008

.015 ± .002 [0.38]

Recommended Mounting Hole Pattern

Ø .035 ± .003 (See Note 2) [0.89]

1.00 ± .003 [2.54]

1.00 ± .003 [2.54]

Pin Cross-Section

R .0075 Ref [0.190]

.028 ± .001 [0.71]

.0245 ± .0005 [0.622]
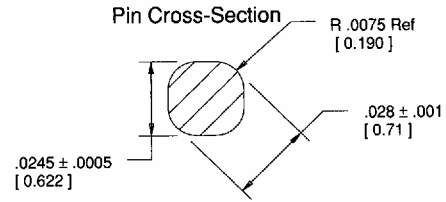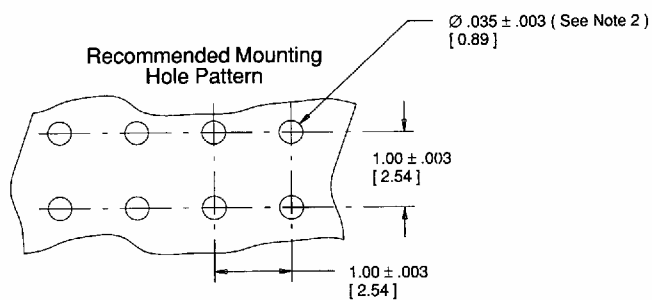
Inch
[mm]

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

[ ] Dimensions for Reference Only

Notes:
1. This part is molded in the 40 contact quantity version. Parts that require fewer contacts are broken to length. Dimension "C" is measured from a "Molded End" to the "Center of the Break Point" beyond the desired quantity. On Pin Strips, which have break points on both ends, "C" = .100" x contact quantity.

2. The recommended PCB hole size for the kinked tail positions on the .112" solder tail connector is .035" ± .002.

Ordering Information

24XX-6XXX TX

Contact Quantity
See Table

Pin Length (Dim. A)
1 = .235"
2 = .318"

Tail
22 = .112" Solder Tails
23 = .155" Solder Tails
72 = .112" Kinked Solder Tails
(for Pos. 6 thru 80)

Plating
G = 10 µ" Gold-90/10 Tin
B = 30 µ" Gold-90/10 Tin