

SINGLE ROW PIN STRIP HEADERS (STRAIGHT)

.100" CENTERS



LR49571 E60980

PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass reinforced thermoplastic,
rated 94V-0

COLOR: Black

OXYGEN INDEX: 32

CONTACT MATERIAL: Copper alloy, gold or tin/lead
plating over nickel

ELECTRICAL PROPERTIES

CURRENT RATING: 3 Amps/pin

INSULATION RESISTANCE: $>1 \times 10^9$ Ohms

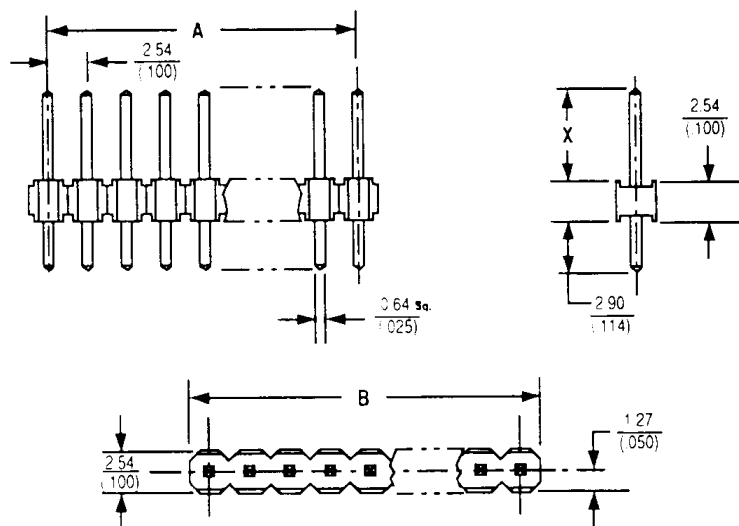
DIELECTRIC STRENGTH: >1000 VAC

ENVIRONMENTAL PROPERTIES

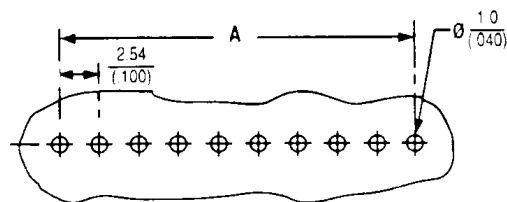
TEMPERATURE RATING: -55°C to 125°C

W	INTERFACE PLATING
G	10 μ " gold over nickel
H	30 μ " gold over nickel
T	100 μ " tin/lead over nickel

X	MATING LENGTH
A	8.1 (.318)
B	5.8 (.230)



Recommended Printed Circuit Board Layout



Ordering Information

NUMBER OF POSITIONS	CATALOG NO. SPECIFY W, X	A	B
1	PS-01SS-WXA	—	2.54 (.100)
2	PS-02SS-WXA	2.54 (.100)	5.01 (.200)
3	PS-03SS-WXA	5.08 (.200)	7.62 (.300)
4	PS-04SS-WXA	7.62 (.300)	10.16 (.400)
5	PS-05SS-WXA	10.16 (.400)	12.70 (.500)
6	PS-06SS-WXA	12.70 (.500)	15.24 (.600)
7	PS-07SS-WXA	15.24 (.600)	17.78 (.700)
8	PS-08SS-WXA	17.78 (.700)	20.32 (.800)
9	PS-09SS-WXA	20.32 (.800)	22.86 (.900)
10	PS-10SS-WXA	22.86 (.900)	25.40 (1.000)
11	PS-11SS-WXA	25.40 (1.000)	27.94 (1.100)
12	PS-12SS-WXA	27.94 (1.100)	30.48 (1.200)
13	PS-13SS-WXA	30.48 (1.200)	33.02 (1.300)
14	PS-14SS-WXA	33.02 (1.300)	35.56 (1.400)
15	PS-15SS-WXA	35.56 (1.400)	38.10 (1.500)
16	PS-16SS-WXA	38.10 (1.500)	40.64 (1.600)
17	PS-17SS-WXA	40.64 (1.600)	43.18 (1.700)
18	PS-18SS-WXA	43.18 (1.700)	45.72 (1.800)
19	PS-19SS-WXA	45.72 (1.800)	48.26 (1.900)
20	PS-20SS-WXA	48.26 (1.900)	50.80 (2.000)
21	PS-21SS-WXA	50.80 (2.000)	53.34 (2.100)
22	PS-22SS-WXA	53.34 (2.100)	55.88 (2.200)
23	PS-23SS-WXA	55.88 (2.200)	58.42 (2.300)
24	PS-24SS-WXA	58.42 (2.300)	60.96 (2.400)
25	PS-25SS-WXA	60.96 (2.400)	63.50 (2.500)
26	PS-26SS-WXA	63.50 (2.500)	66.04 (2.600)
27	PS-27SS-WXA	66.04 (2.600)	68.58 (2.700)
28	PS-28SS-WXA	68.58 (2.700)	71.12 (2.800)
29	PS-29SS-WXA	71.12 (2.800)	73.66 (2.900)
30	PS-30SS-WXA	73.66 (2.900)	76.20 (3.000)
31	PS-31SS-WXA	76.20 (3.000)	78.74 (3.100)
32	PS-32SS-WXA	78.74 (3.100)	81.28 (3.200)
33	PS-33SS-WXA	81.28 (3.200)	83.82 (3.300)
34	PS-34SS-WXA	83.82 (3.300)	86.36 (3.400)
35	PS-35SS-WXA	86.36 (3.400)	88.90 (3.500)
36	PS-36SS-WXA	88.90 (3.500)	91.44 (3.600)
37	PS-37SS-WXA	91.44 (3.600)	93.98 (3.700)
38	PS-38SS-WXA	93.98 (3.700)	96.52 (3.800)
39	PS-39SS-WXA	96.52 (3.800)	99.06 (3.900)
40	PS-40SS-WXA	99.06 (3.900)	101.6 (4.000)

eg. PS-40SS-TBA