

## DUAL ROW PIN STRIP HEADERS STRAIGHT

.100" x .100" CENTERS



### PHYSICAL PROPERTIES

INSULATION MATERIAL: Glass reinforced thermo-plastic, 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 x 10<sup>9</sup> Ohms

DIELECTRIC STRENGTH: > 1000 VAC

### ENVIRONMENTAL PROPERTIES

TEMPERATURE RATING: -55°C to 125°C

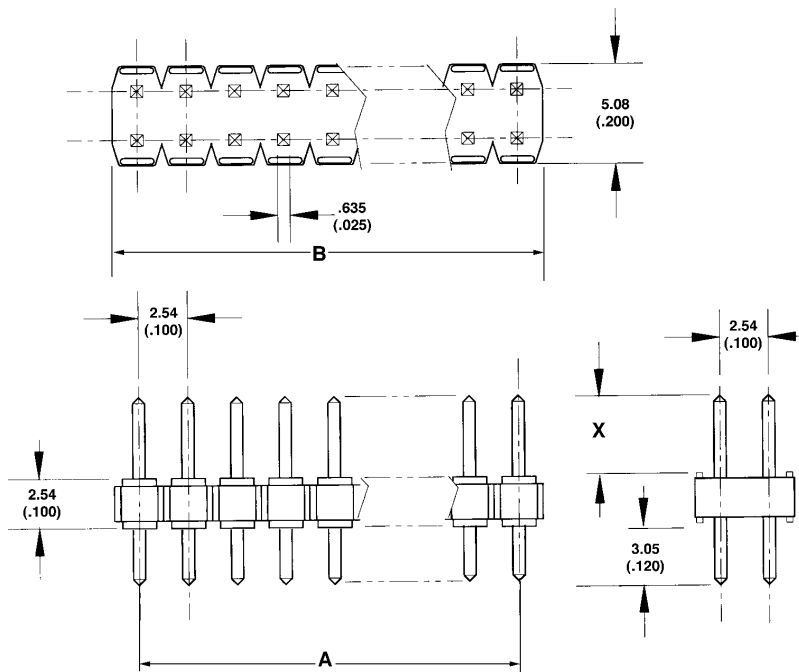
W	INTERFACE PLATING
G	10 μ" gold over nickel
H	30 μ" gold over nickel
T	100 μ" tin/lead over nickel

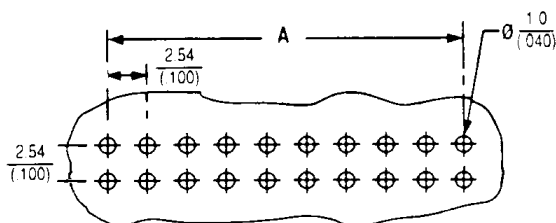
X	MATING LENGTH
A	8.1 (.318)
B	5.8 (.230)

### Ordering Information

NUMBER OF POSITIONS	CATALOG NO. SPECIFY W, & X	A	B
2	PS-02DS-WXA	2.54 (1.00)	5.08 (.200)
4	PS-04DS-WXA	7.62 (.300)	10.16 (.400)
6	PS-06DS-WXA	12.70 (.500)	15.24 (.600)
8	PS-08DS-WXA	17.78 (.700)	20.32 (.800)
10	PS-10DS-WXA	22.86 (.900)	25.40 (1.000)
12	PS-12DS-WXA	27.94 (1.100)	30.48 (1.200)
14	PS-14DS-WXA	33.02 (1.300)	35.56 (1.400)
16	PS-16DS-WXA	38.10 (1.500)	40.64 (1.600)
18	PS-18DS-WXA	43.18 (1.700)	45.72 (1.800)
20	PS-20DS-WXA	48.26 (1.900)	50.80 (2.000)
22	PS-22DS-WXA	53.34 (2.100)	55.88 (2.200)
24	PS-24DS-WXA	58.42 (2.300)	60.96 (2.400)
26	PS-26DS-WXA	63.50 (2.500)	66.04 (2.600)
28	PS-28DS-WXA	68.58 (2.700)	71.12 (2.800)
30	PS-30DS-WXA	73.66 (2.900)	76.20 (3.000)
32	PS-32DS-WXA	78.74 (3.100)	81.28 (3.200)
34	PS-34DS-WXA	83.82 (3.300)	86.36 (3.400)
36	PS-36DS-WXA	88.90 (3.500)	91.44 (3.600)
38	PS-38DS-WXA	93.98 (3.700)	96.52 (3.800)
40	PS-40DS-WXA	99.06 (3.900)	101.60 (4.000)
42	PS-42DS-WXA	104.14 (4.100)	106.68 (4.200)
44	PS-44DS-WXA	109.22 (4.300)	111.76 (4.400)
46	PS-46DS-WXA	114.30 (4.500)	116.84 (4.600)
48	PS-48DS-WXA	119.38 (4.700)	121.92 (4.800)
50	PS-50DS-WXA	124.46 (4.900)	127.00 (5.000)
52	PS-52DS-WXA	129.54 (5.100)	132.08 (5.200)
54	PS-54DS-WXA	134.62 (5.300)	137.16 (5.400)
56	PS-56DS-WXA	139.70 (5.500)	142.24 (5.600)
58	PS-58DS-WXA	144.78 (5.700)	147.32 (5.800)
60	PS-60DS-WXA	149.86 (5.900)	152.40 (6.000)
62	PS-62DS-WXA	154.94 (6.100)	157.48 (6.200)
64	PS-64DS-WXA	160.02 (6.300)	162.56 (6.400)
66	PS-66DS-WXA	165.10 (6.500)	167.64 (6.600)
68	PS-68DS-WXA	170.18 (6.700)	172.72 (6.800)
70	PS-70DS-WXA	175.26 (6.900)	177.80 (7.000)
72	PS-72DS-WXA	180.34 (7.100)	182.88 (7.200)
74	PS-74DS-WXA	185.42 (7.300)	187.96 (7.400)
76	PS-76DS-WXA	190.50 (7.500)	193.04 (7.600)
78	PS-78DS-WXA	195.58 (7.700)	198.12 (7.800)
80	PS-80DS-WXA	200.66 (7.900)	203.20 (8.000)



### Recommended Printed Circuit Board Layout



eg. PS-80DS-TBA