

# 2.54mm HEADER MALE

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- SINGLE, DOUBLE, TRIPLE ROW
- DIP TYPE
- STRAIGHT, RIGHT ANGLE

## SPECIFICATION:

### INSULATOR MATERIAL:

GLASS FILLED THERMOPLASTIC POLYESTER,  
SELF EXTINGUISHING - SINGLE AND DUAL ROW  
NYLON 6 T - TRIPLE ROW ONLY

### FLAMMABILITY RATING:

UL94V-0

### INSULATION RESISTANCE:

1000 MEGOHMS MIN. - SINGLE AND DUAL ROW  
5000 MEGOHMS MIN. - TRIPLE ROW

### OPERATING TEMPERATURE RANGE:

-40° C TO +105° C - SINGLE AND DUAL ROW  
-55° C TO +105° C - TRIPLE ROW

### DIELECTRIC STRENGTH:

1000V AC MIN.

### CONTACT MATERIAL:

BRASS

### CONTACT PLATING:

REFER TO ORDER INFORMATION

### CURRENT RATING:

3 AMPS

### CONTACT RESISTANCE:

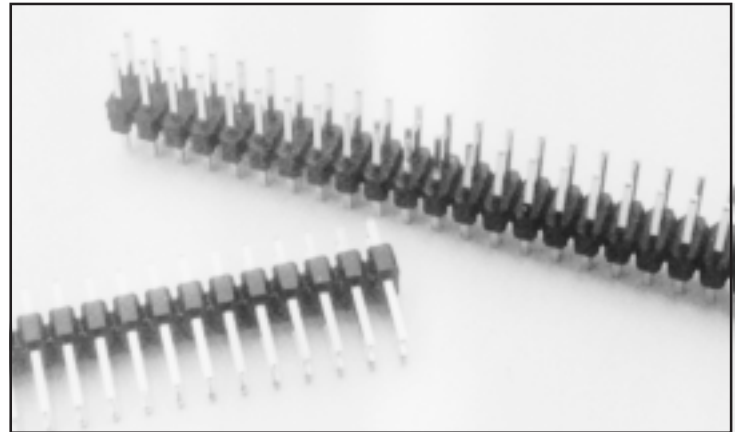
20 MILLIOHMS MAX.

### DURABILITY:

100 CYCLES

### SOLDERABILITY:

PER MIL-STD-202F METHOD 208D



## ORDER INFORMATION:

**C3H X X XXX - X - XX - X - X**  
1 2 3 4 5 6 7 8

1: **SERIES** C3H BREAKAWAY STRIP HEADERS, 2.54mm SPACING

2: **CONTACT ARRANGEMENT CODE**

S...SINGLE ROW  
D...DUAL ROW  
T...TRIPLE ROW

3: **SOLDER TAIL**

S...STRAIGHT  
L...RIGHT ANGLE

4: **NUMBER OF CONTACTS**

01 TO 40 - SINGLE ROW  
02 TO 80 - DUAL ROW  
09 TO 120 - TRIPLE ROW

5: **INSULATOR COLOR CODE**

1...BLACK (NYLON 6 T, TRIPLE ROW OR HIGH TEMPERATURE INSULATOR)  
3...BLACK (THERMOPLASTIC, SINGLE AND DUAL ROW ONLY)

6: **DIMENSIONAL CODE NUMBER**

SEE CHART ON THIS PAGE

7: **CONTACT PLATING**

BLANK...10u" GOLD  
SP...SELECTIVE 10u" GOLD  
30...30u" GOLD  
SP30...SELECTIVE 30u" GOLD  
T...TIN

8: **RETENTION CRIMP**

BLANK...NO RETENTION CRIMP  
R...RETENTION CRIMP

CODE NO.	B	C	CODE NO.	B	C
0*	.232	.125	26	.235	.110
1	.242	.120	27**	.235	.110
2	.242	.134	28	.295	.135
3**	.230	.120	29	.318	.110
4	.230	.120	30	.430	.100
5	.318	.120	31	.230	.200
6	.320	.110	32**	.230	.110
7	.520	.110	33	.320	.910
8	.720	.110	34	.240	.090
9	.820	.110	35**	.230	.180
10	.230	.100	36	.400	.130
11	.280	.126	37**	.318	.112
12	.625	.125	38	.235	.910
13	.230	.125	39	.240	.110
14	1.000	.125	40	.290	.070
15**	.125	.366	41	.318	.125
16**	.230	.090	42	.235	.145
17	.310	.310	43	.230	.090
18	.300	.110	44	.500	.120
19	.430	.110	45	.318	.040
20	.180	.100	46**	.500	.110
21	.180	.150	47	.630	.1150
22	.500	.130	48	.500	.130
23	.425	.085	49	.425	.065
24	.150	.100	50**	.244	.180
25	.235	.110	51	.150	.180

### DIMENSION INFORMATION

\*TRIPLE ROW ONLY

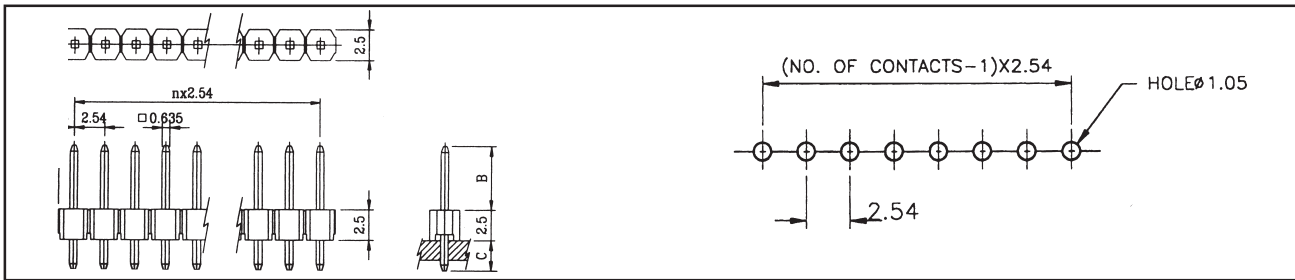
\*\*RIGHT ANGLE ONLY

CONSULT FACTORY FOR PIN LENGTHS NOT SHOWN

THE STANDARD RETENTION CRIMP OPTION CONSISTS OF TWO CONTACTS CRIMPED IN OPPOSITE DIRECTIONS ON OR NEAR THE CENTER.

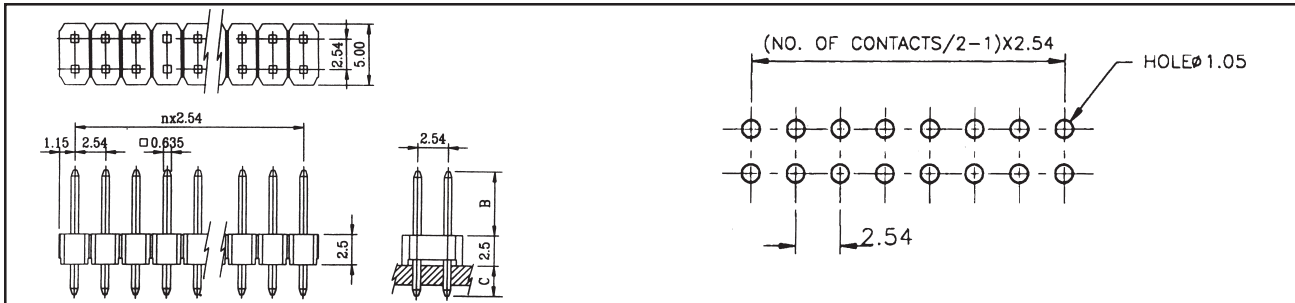
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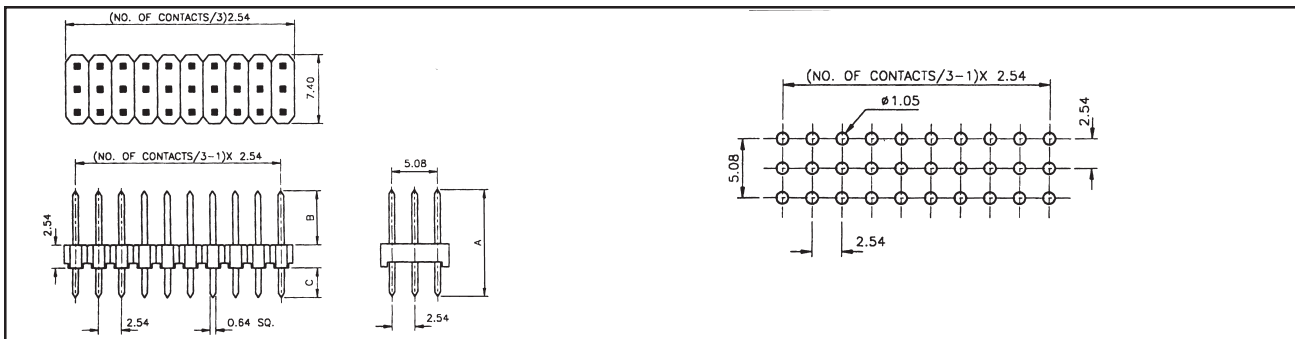
**DRAWING - SINGLE ROW, STRAIGHT**

**P.C.B. LAYOUT**



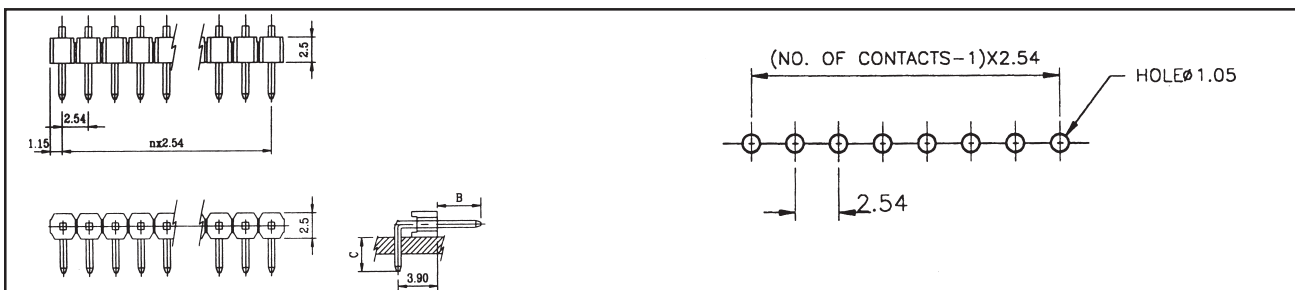
**DRAWING - DUAL ROW, STRAIGHT**

**P.C.B. LAYOUT**



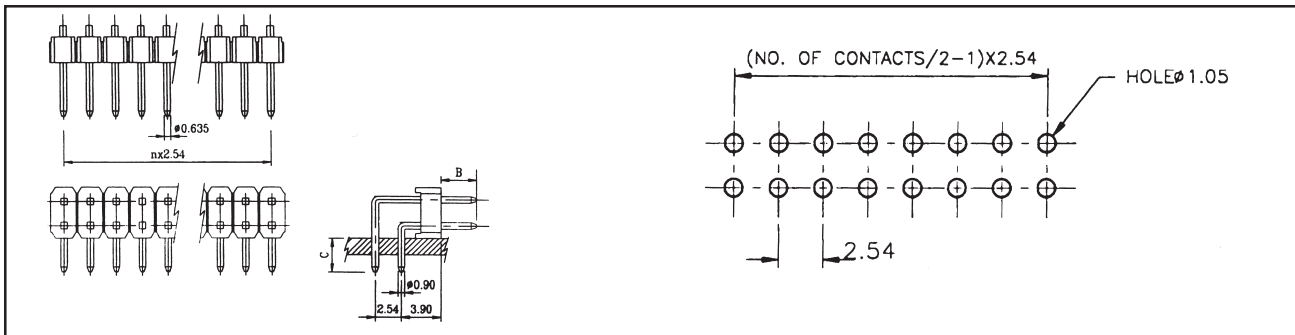
**DRAWING - TRIPLE ROW, STRAIGHT**

**P.C.B. LAYOUT**



**DRAWING - SINGLE ROW, RIGHT ANGLE**

**P.C.B. LAYOUT**



**DRAWING - DUAL ROW, RIGHT ANGLE**

**P.C.B. LAYOUT**