

# 2.54mm HEADER MALE

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- DOUBLE ROW
- SMT TYPE

## SPECIFICATION:

**INSULATOR MATERIAL:**  
NYLON 6 T

**FLAMMABILITY RATING:**  
UL94V-0

**INSULATION RESISTANCE:**  
5000 MEGOHMS MIN.  
PER MIL-STD-1344A METHOD 3003.1

**OPERATING TEMPERATURE RANGE:**  
-55° C TO +105° C

**DIELECTRIC STRENGTH:**  
1000V AC MIN.  
PER MIL-STD-1344A METHOD 3001.1

**CONTACT MATERIAL:**  
COPPER ALLOYS

**PLATING:**  
REFER TO ORDER INFORMATION

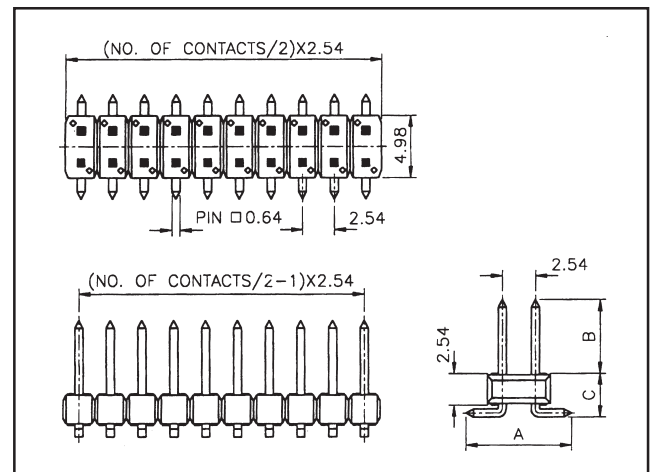
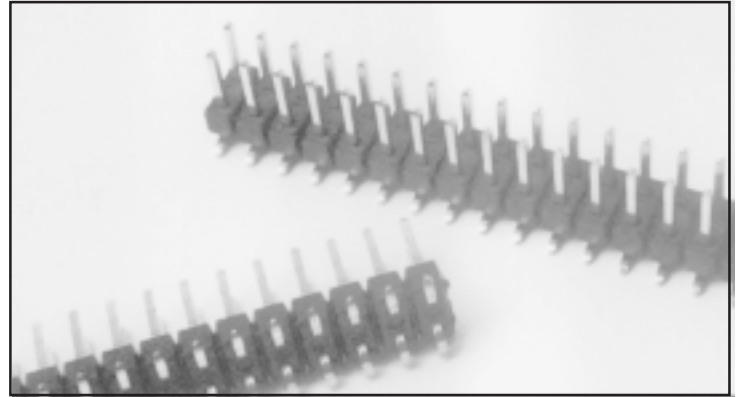
**CURRENT RATING:**  
3 A

**CONTACT RESISTANCE:**  
20 MILLIOHMS MAX.  
PER MIL-STD-1344A METHOD 3002.1

**DURABILITY:**  
100 CYCLES  
PER MIL-STD-1344A METHOD 2016

**SOLDERABILITY:**  
PER MIL-STD-202F METHOD 208D

**MAXIMUM PROCESSING TEMPERATURE:**  
260° C FOR 10 SECONDS

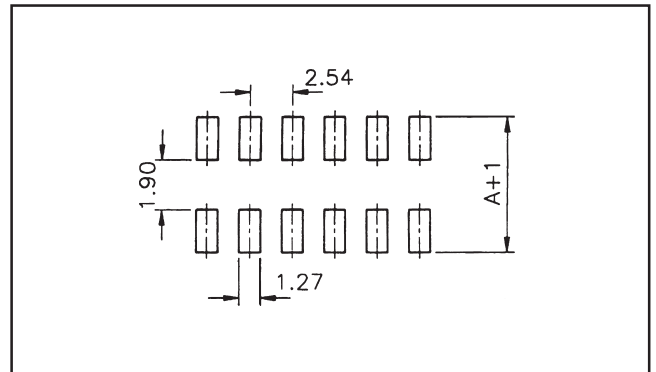


DRAWING

## ORDER INFORMATION:

**C21H D M XX - 1 - XX - X**  
1 2 3 4 5 6 7

- 1: **SERIES** C21H DUAL ROW HEADER, SURFACE MOUNT, 2.54mm SPACING
- 2: **CONTACT ARRANGEMENT CODE**  
D...DUAL ROW
- 3: **SOLDER TAIL**  
M...SURFACE MOUNT
- 4: **NUMBER OF CONTACTS**  
04 TO 80 CONTACTS
- 5: **INSULATOR COLOR CODE**  
1...BLACK
- 6: **DIMENSIONAL CODE NUMBER**  
SEE CHART ON THIS PAGE
- 7: **CONTACT PLATING**  
0...TIN  
6...SELECTIVE GOLD FLASH  
8...SELECTIVE 15u" GOLD  
9...SELECTIVE 30u" GOLD



P.C.B. LAYOUT

CODE NO.	DIMENSION (mm)		
	A	B	C
01	7.49	5.84	4.50
02	7.49	8.08	4.50
03	7.40	6.10	4.50
04	7.12	10.45	4.50
05	7.40	5.84	4.19
06	7.37	5.97	4.50
07	7.40	5.59	4.50

DIMENSION INFORMATION