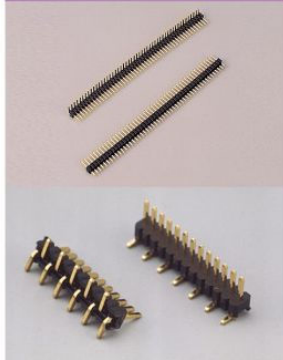


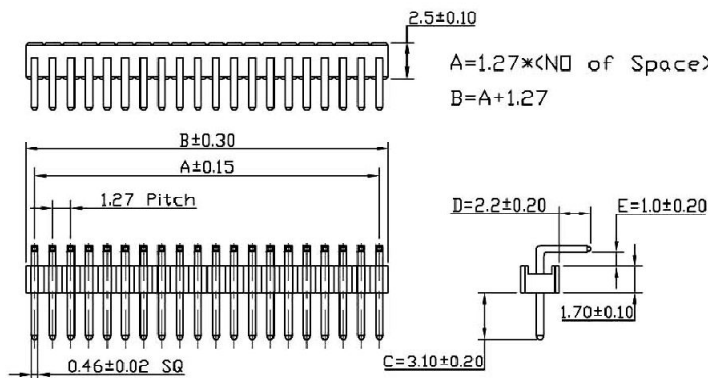
C1171 Series 1.27mm Pin Header H:1.7mm Single Row



C	1171	—	20	A	S	G	AS	0
1	2		3	4	5	6	7	8

- | | | | |
|---|---|--|---|
| <p>1. PRODUCTS:
C: Connector</p> <p>2. SERIES NO.:
1171</p> <p>3. CONTACT NO.:
02(1x2)-50(1x50)</p> <p>4. ROW TYPE:
A: Single Row
E: Single Row/
Dual Insulator</p> | <p>5. CONTACT TYPE:
S: Straight
R: Right Angle
D: S.M.T. A Type
T: S.M.T. B Type</p> <p>6. CONTACT PLATING:
T: Tin
S: Selective Gold
G: Gold Flash
A: Gold 50"
B: Gold 100"
C: Gold 150"
D: Gold 300"</p> | <p>7. PIN LENGTH(mm):
AS(180°)—C: 3.10mm
 —D: 2.00mm
AR(90°)—C: 3.1mm
 —D: 2.2mm
 —E: 1.0mm
AT(S.M.T.)—C: 3.10mm
 —D: 5.04mm
 —E: 2.20mm</p> | <p>AD(Dual Insulator):
—C: 4.57mm
—D: 4.57mm
—E: 7.36mm
—F: 16.5mm</p> <p>8. OTHERS:
0: No Option
T: Tube Packing
R: Reel Packing
P: PAD+Tube Packing
Q: PAD+Reel Packing</p> |
|---|---|--|---|

1 C1171-XXARXAR0R 1.27mm PIN HEADER H=1.7mm 90° SINGLE ROW(C=3.1 D=2.2 E=1.0)

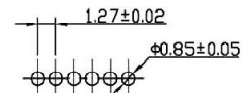


SPECIFICATIONS

Current Rating: 1 Amps
Dielectric Withstanding: AC 500V
Operating Temperature: -40°C to +105°C
Max Processing Temp: 230° for 30~60 seconds
(260° for 10 seconds)

MATERIAL & FINISH

Contact: Brass
Insulator Material: Nylon 6T
Color: Black
Finish: Gold Flash Plated Over Nickel



P.C. Board Layout

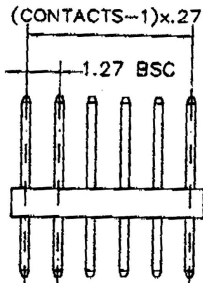
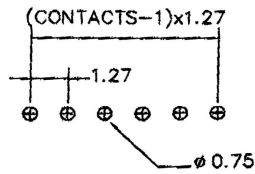
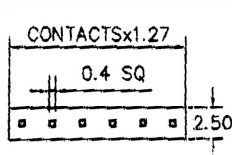
ORDER INFORMATION

C1171	—	50	A	R	G	A	R	0	R
		02(1x2)-50(1x50)	A: Single Row	R: Right Angle	T: Tin S: Selective Gold G: Gold Flash A: Gold 50" B: Gold 100" C: Gold 150" D: Gold 300"	AR(90°) C: 3.10mm D: 2.20mm E: 1.00mm		0: No Option T: Tube Packing R: Reel Packing P: PAD+Tube Packing Q: PAD+Reel Packing	R: ROHS LOW-LEAD

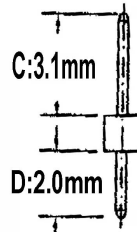
RoHS Compliant

ELECTRONIC COMPONENTS

2 C1171-XXASXAS0R 1.27mm PIN HEADER H=1.7mm 180° (C=3.1 D=2.2)



RECOMMENDED P.C.B LAYOUT



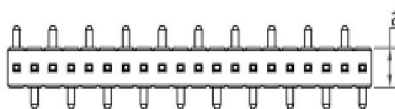
CONTACTS	1X26
1X2	1X27
1X3	1X28
1X4	1X29
1X5	1X30
1X6	1X31
1X7	1X32
1X8	1X33
1X9	1X34
1X10	1X35
1X11	1X36
1X12	1X37
1X13	1X38
1X14	1X39
1X15	1X40
1X16	1X41
1X17	1X42
1X18	1X43
1X19	1X44
1X20	1X45
1X21	1X46
1X22	1X47
1X23	1X48
1X24	1X49
1X25	1X50

MATERIAL
 HOUSING : THERMOPLASTIC UL94V-0
 CONTACT : COPPER ALLOYS

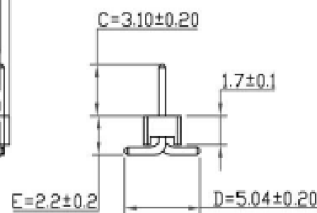
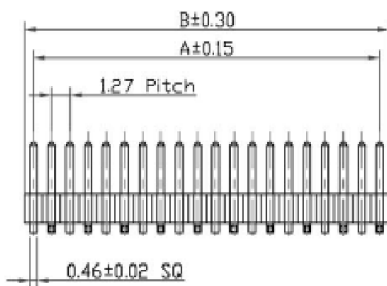
SPECIFICATION
 CURRENT: 1A
 OPERATING TEMPERATURE: -55°C TO +105°C
 CONTACT RESISTANCE : 30 MILLIOHMS MAX
 INSULATION RESISTANCE : 5000 MEGAOHMS MIN
 DIELECTRIC STRENGTH : 600 VAC MIN
 DURABILITY : 50 CYCLES
 RETENTION FORCE : 454g MIN

FINISH
 CONTACT PLATING SEE ORDER INFORMATION

3 C1171-XXATXAT0R 1.27mm PIN HEADER SMT SINGLE ROW H=1.7mm 180° (C=3.1 D=5.04 E=2.2)



$A = 1.27 * (\text{NO of Space})$
 $B = A + 1.27$

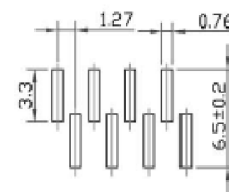


SPECIFICATIONS

Current Rating: 1 Amps
 Dielectric Withstanding: AC 500V
 Operating Temperature: -40°C to +105°C
 Max Processing Temp: 230° for 30-60 seconds
 (260° for 10 seconds)

MATERIAL&FINISH

Contact: Brass
 Insulator Material: Nylon 6T
 Color: Black
 Finish: Gold Flash Plated Over Nickel



P.C.Board Layout
 Type B

ORDER INFORMATION

C1171 -

②(1X2)-50(1X50) A: Single Row T: SMT B Type

T: Tin
 S: Selective Gold
 G: Gold Flash
 A: Gold 50"
 B: Gold 100"
 C: Gold 150"
 D: Gold 300"

Pin Length (mm)
 A: C=3.0mm
 T: D=5.04mm
 E=2.20mm

Others

D: No Option
 T: Tube Packing
 R: Reel Packing
 P: PAD+Tube Packing
 D: PAD+Reel Packing