

# LOW PROFILE SHROUDED POLARIZED HEADER(2.00mm)

302-2 Series

## MATERIAL

Insulator: Nylon,UL 94V-0

@STANDARD NYLON66

Contact:bronze or phosphor bronze

## SPECIFICATION:

Current Rating: 1A

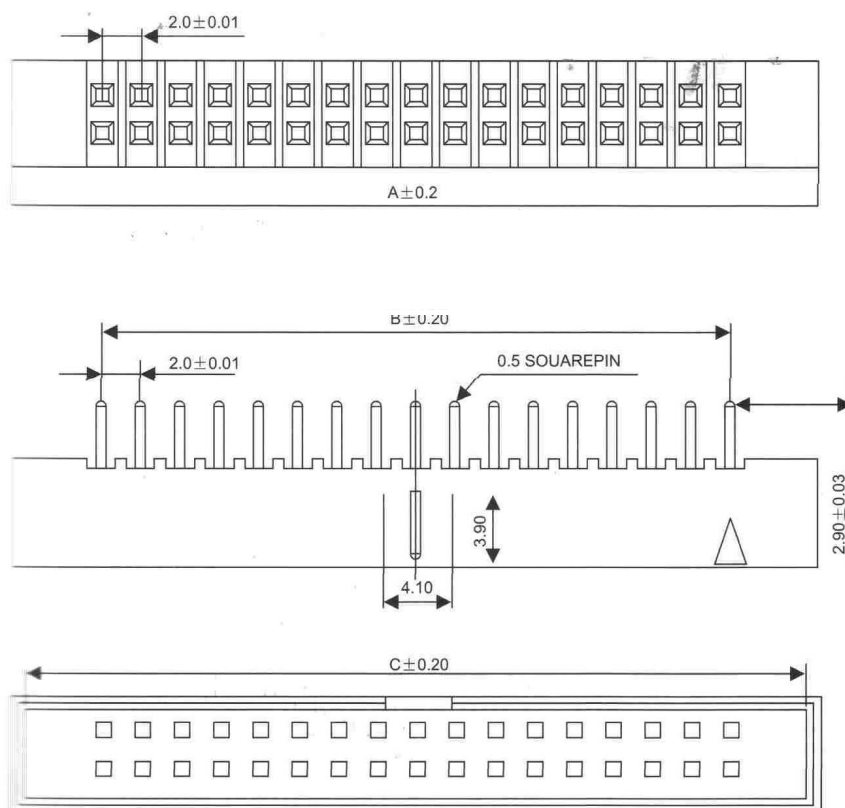
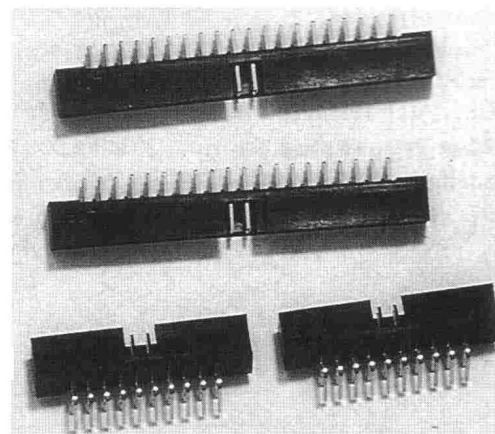
Contact Resistance: 15mΩ min

Operating Temperature:-40℃ TO + 105℃

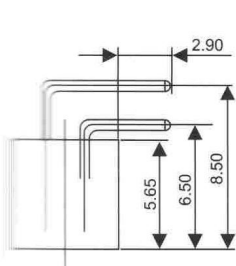
Insulation Resistance:5.000MΩ MINI.AT500V DC

Dielectric Withstanding Voltage: AC 500V/min

Dimension=  $\frac{\text{mm}}{\text{inch}}$

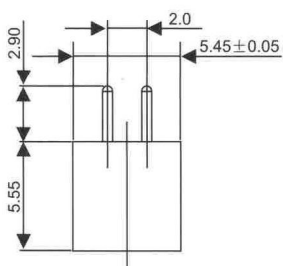


| PIN | A     | B     | C      |
|-----|-------|-------|--------|
| 4   | 11.02 | 2.00  | 10.00  |
| 6   | 13.07 | 4.00  | 12.00  |
| 8   | 15.08 | 6.00  | 14.08  |
| 10  | 17.05 | 8.00  | 16.08  |
| 12  | 19.03 | 10.00 | 18.085 |
| 14  | 21.06 | 12.00 | 20.08  |
| 20  | 27.14 | 18.00 | 26.15  |
| 24  | 31.20 | 22.00 | 30.20  |
| 26  | 33.09 | 24.00 | 32.16  |
| 30  | 37.20 | 28.00 | 36.18  |
| 32  | 39.20 | 30.00 | 38.20  |
| 36  | 43.21 | 34.00 | 42.22  |
| 40  | 47.26 | 38.00 | 46.20  |
| 44  | 51.26 | 42.00 | 50.26  |
| 50  | 57.29 | 48.00 | 56.25  |



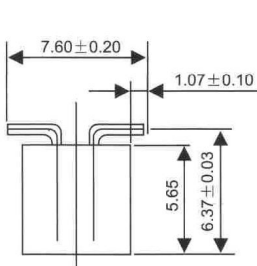
### RIGHT ANGLE

NS 302-2R-XXP  
(XX:NO. of Positions  
Per Row 04 thru 50)



### STRAIGHT

NS 302-2S-XXP  
(XX:NO. of Positions  
Per Row 04 thru 50)



### SMT TYPE

NS 302-2SMT-XXP  
(XX:NO. of Positions  
Per Row 04 thru 50)

Pitch:2.00\*2.00mm(0.0787"\*0.0787")

## Box Header Straight Dip Type

### Technical Data

#### Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA66+30%G.F

#### Electrical:

Current rating: 1.5Amps/contact max.

Contact resistance:  $\leq 20\text{m}\Omega/\text{contact}$

Insulation resistance:  $\geq 1000\text{M}\Omega$  at  $V=100\text{V}$

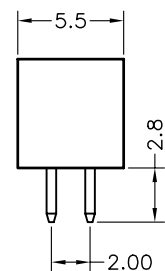
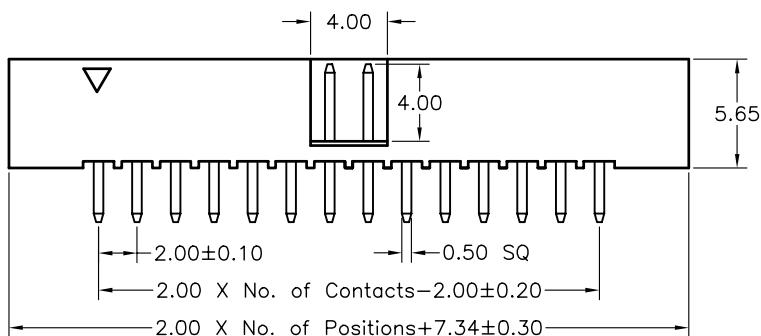
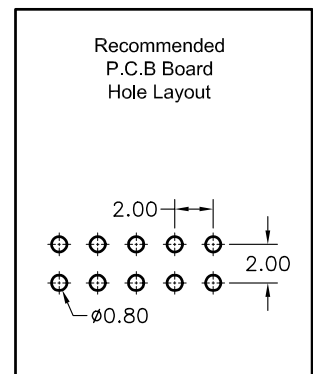
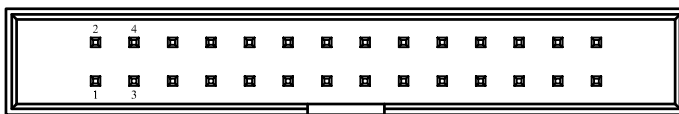
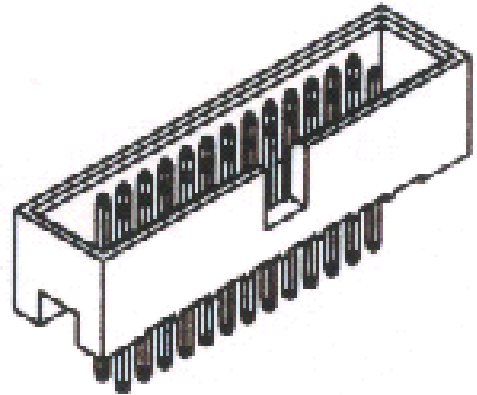
Withstanding Voltage:450V AC/minute

#### Mechanical:

Operaing temperatures: Gold Plsted:-55° C to+105° C

Tin plated:-40° C to+105° C

Soldering temperature: +260° C,10s max.



NTC 302-2S-XXP (XX:NO. of Persition  
Per Row 10 thru 50)

Pitch:2.00\*2.00mm(0.0787"\*0.0787")

## Box Header Right Angle Dip Type

### Technical Data

#### Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA66+30%G.F

#### Electrical:

Current rating: 1.5Amps/contact max.

Contact resistance:  $\leq 20\text{m}\Omega/\text{contact}$

Insulation resistance:  $\geq 1000\text{M}\Omega$  at  $V=100\text{V}$

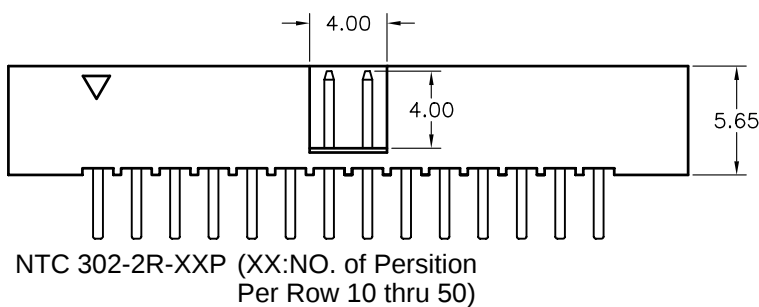
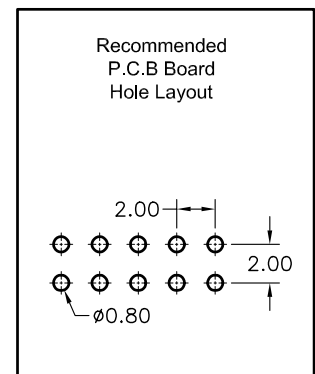
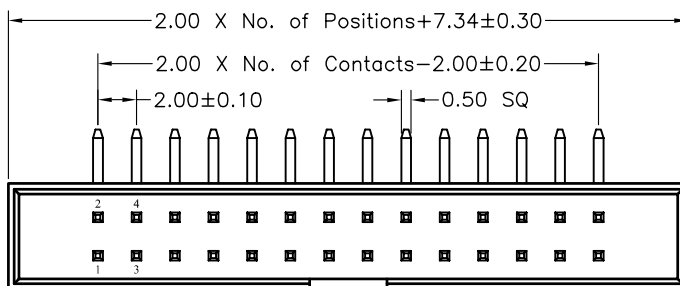
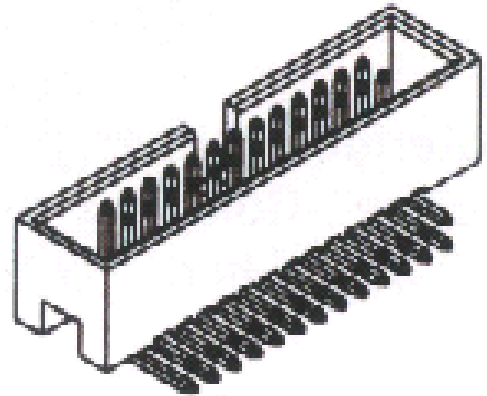
Withstanding Voltage:450V AC/minute

#### Mechanical:

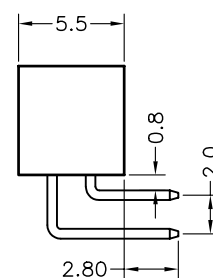
Operaing temperatures: Gold Plsted:-55° C to+105° C

Tin plated:-40° C to+105° C

Soldering temperature: +260° C,10s max.



NTC 302-2R-XXP (XX:NO. of Persition  
Per Row 10 thru 50)



Pitch:2.00\*2.00mm(0.0787"\*0.0787")

## Box Header S.M.T Type

### Technical Data

#### Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

#### Electrical:

Current rating: 1.5Amps/contact max.

Contact resistance:  $\leq 20\text{m}\Omega/\text{contact}$

Insulation resistance:  $\geq 1000\text{M}\Omega$  at  $V=100\text{V}$

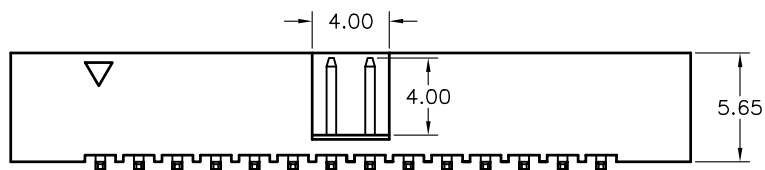
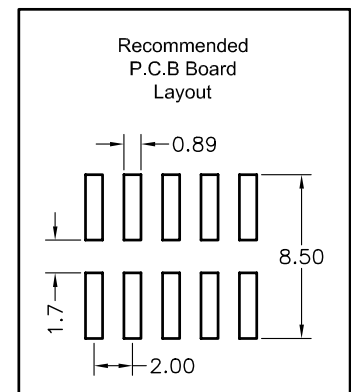
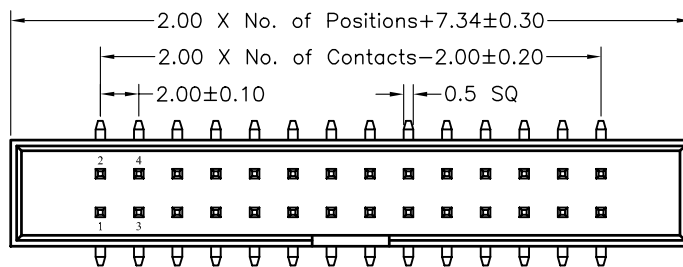
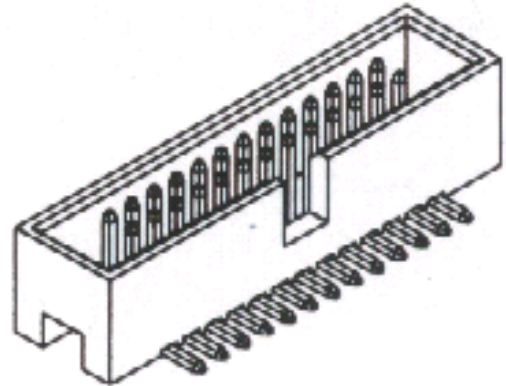
Withstanding Voltage:450V AC/minute

#### Mechanical:

Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

Soldering temperature: +260° C,10s max.



NTC 302-2SMT-XXP (XX:NO. of Persition  
Per Row 10 thru 50)

