

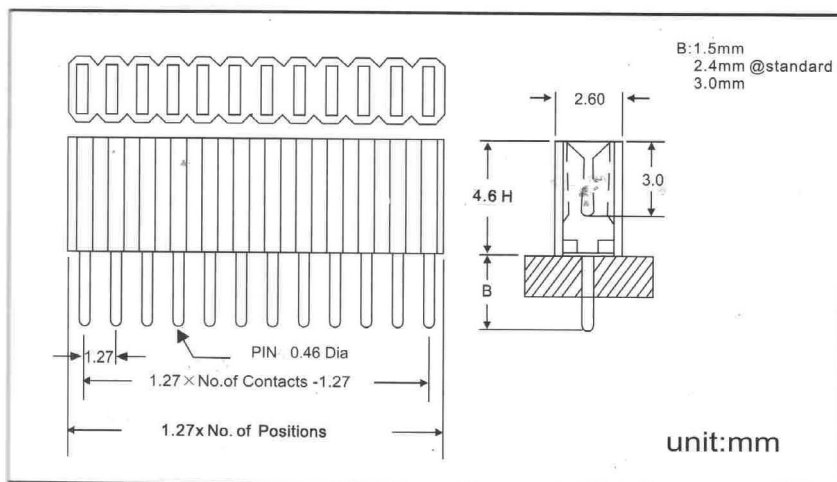
FEMALE PCB CONNECTOR SINGLE ROW(1.27mm)

203-1 Series

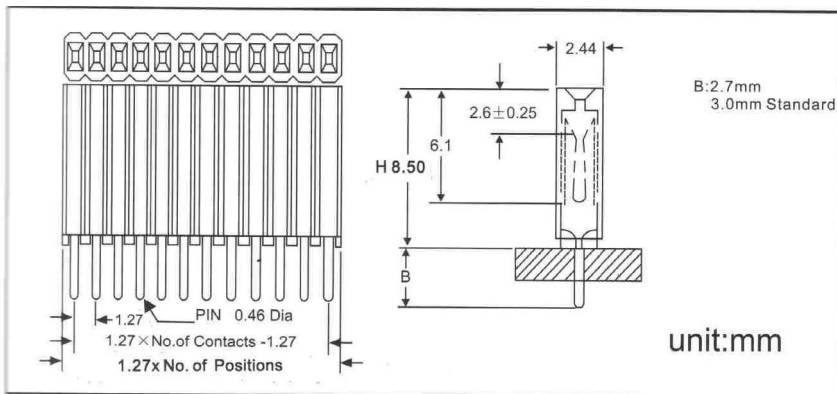
SPECIFICATION

Current Rating: 1A
 Insulator resistance: 5000 M Ω min
 Contact resistance: 20m Ω Max
 Dielectric withstanding Voltage: AC 500V
 Operating Temperature: -40° -+105°C
 Max Processing Temp: 230°C for 30~60 seconds
 260°C for 10 seconds
 Contact Material: Phosphor Bronze or Brass
 Insulator Material: Polyester:UL 94V-0
 ◎Standard:Nylon-6T

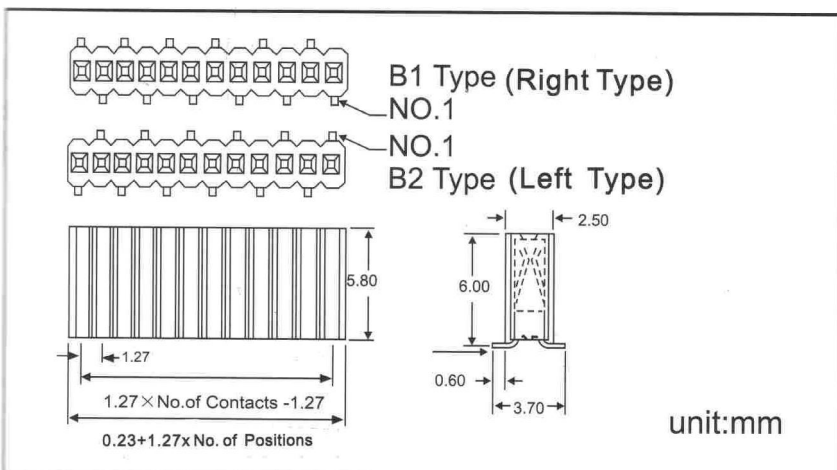
Contact Plating:
 ◎Tin plated
 ◎Gold plated
 flash ◎ Standard
 10 μ "
 30 μ "
 ◎Optional plating on request. advise
 microinch thickness.



0.05" (1.27mm) Female Header
 Single Row 06 to 40 Contacts
 Profile:4.6mm
 How to order:
 203-1S-Y-1 $\times$ $\square$ P- 4.6/2.4



0.05" (1.27mm) Female Header
 Profile:8.5mm
 Single Row 03 to 36 Contacts
 How to Order:
 203-1S-Y-1 $\times$ $\square$ P-8.5/3.0



0.05" (1.27mm) SMT Female Header
 Single Row Board to Board
 Contacts:03 to 50 Contacts
 How to Order
 203-1SMT-3C-1 $\times$ $\square$ P-5.9

Pitch:1.27mm(0.05")

Female Header Single Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

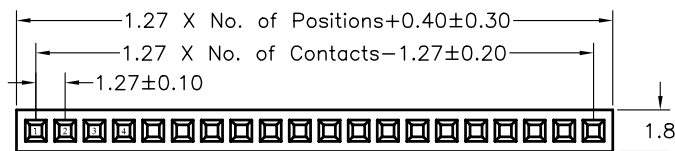
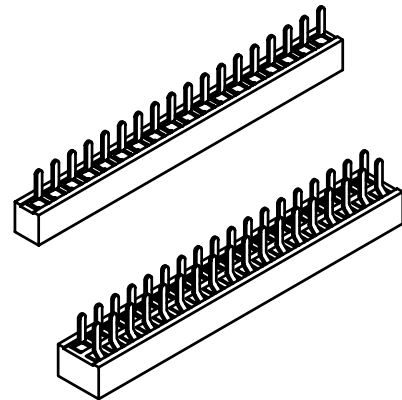
Withstanding Voltage:300V AC/minute

Mechanical:

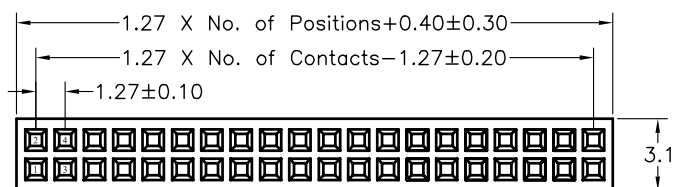
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

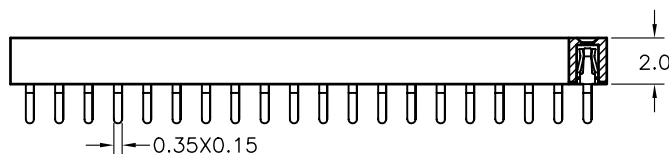
Soldering temperature: +260° C,10s max.



203-1S-3C-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm

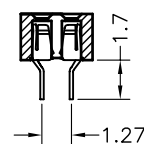
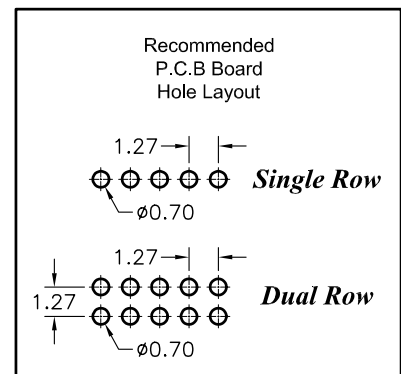


203-1S/B-3C-2*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



Single Row

Dual Row



Dual Row



Single Row



Pitch:1.27mm(0.05")

Female Header Single Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

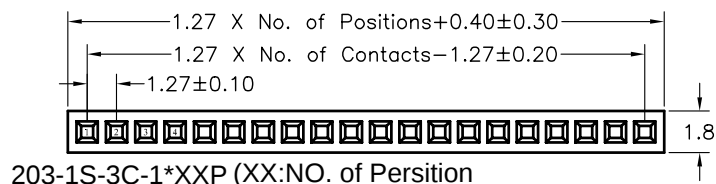
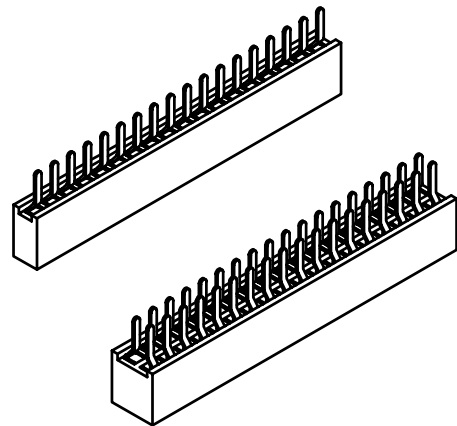
Withstanding Voltage:300V AC/minute

Mechanical:

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

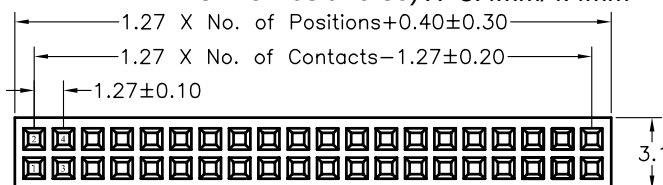
Tin plated:-40° C to+105° C

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



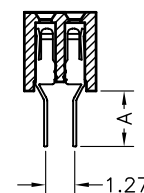
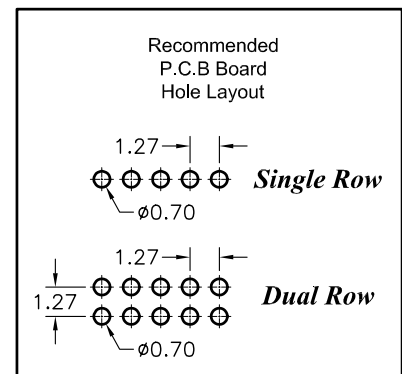
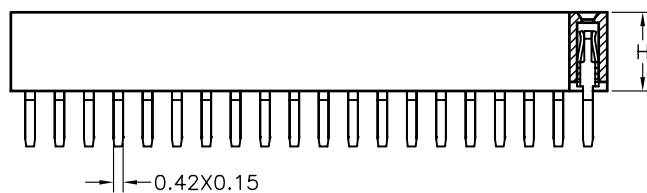
Single Row

203-1S-3C-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=3.4mm/4.4mm

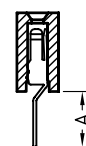


Dual Row

203-1S/B-3C-2*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=3.4mm/4.4mm



Dual Row



Single Row

A=2.4mm/2.8mm

Pitch:1.27mm(0.05") And 1.27*2.54mm(0.05"*0.1") Female Header Single/Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

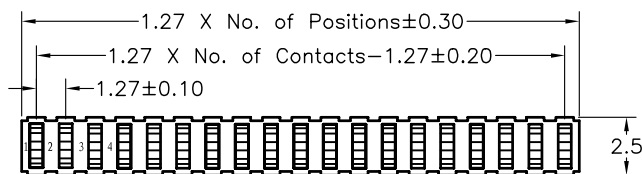
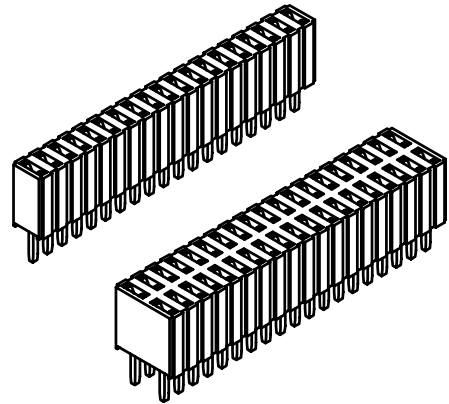
Withstanding Voltage:300V AC/minute

Mechanical:

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

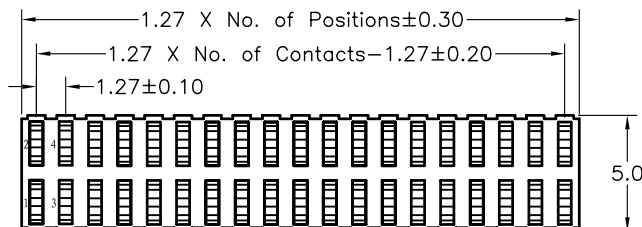
Tin plated:-40° C to+105° C

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



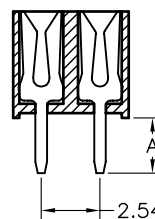
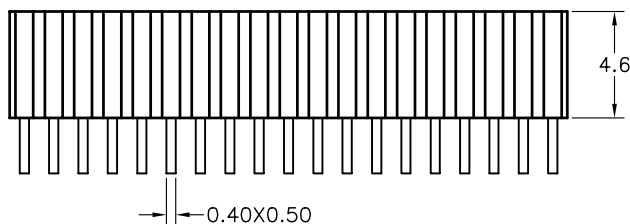
203-1S-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=4.6mm

Single Row

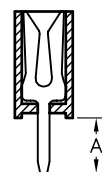


203-1S/A-2*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=4.6mm

Dual Row

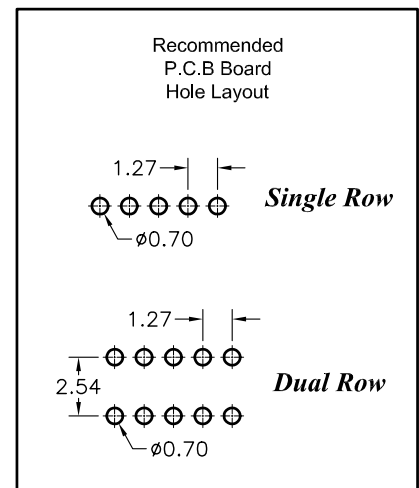


Dual Row



Single Row

A=1.6mm/2.4mm/3.0mm



Single Row

Dual Row

Pitch:1.27mm(0.05") And 1.27*2.54mm(0.05"*0.1") Female Header Single/Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

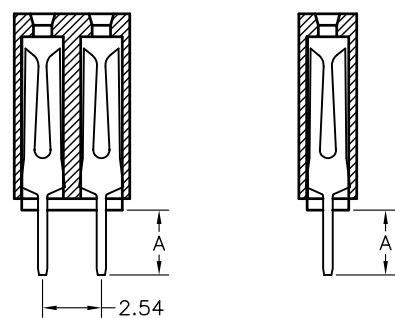
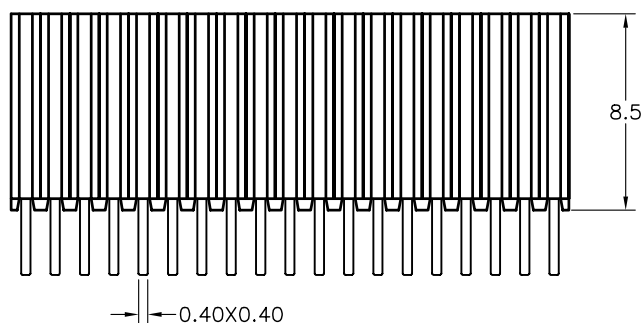
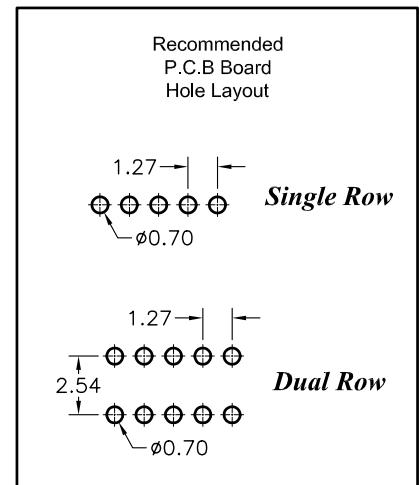
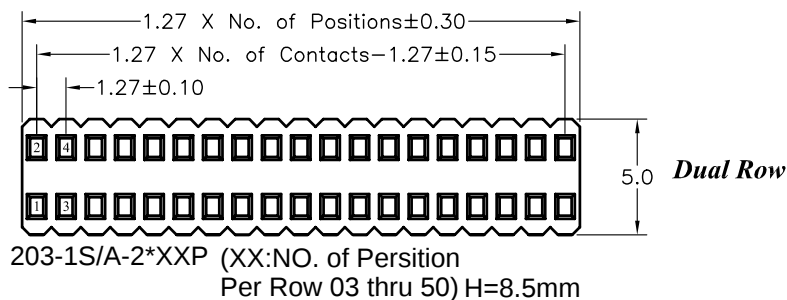
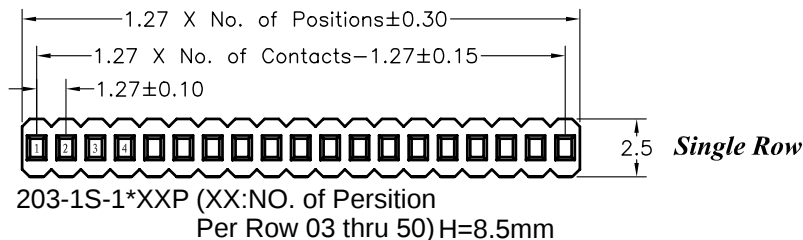
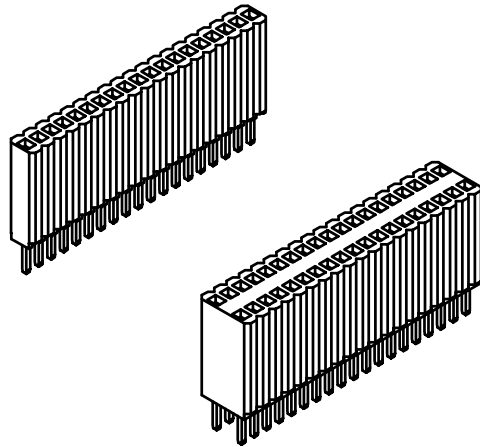
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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



Dual Row Single Row
A=2.8mm/3.0mm

Pitch:1.27mm(0.05")

Female Header Single Row Right Angle Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

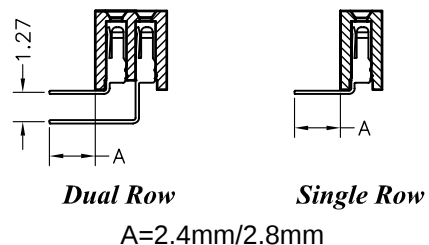
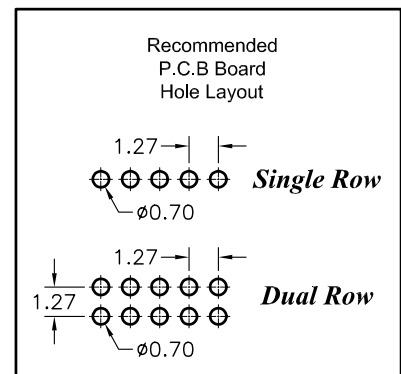
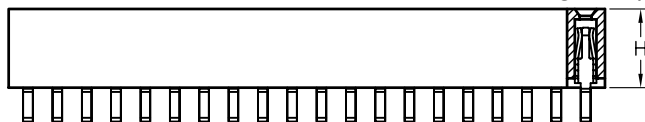
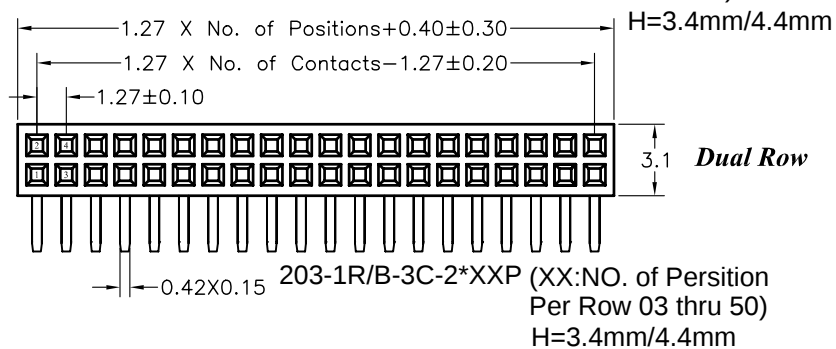
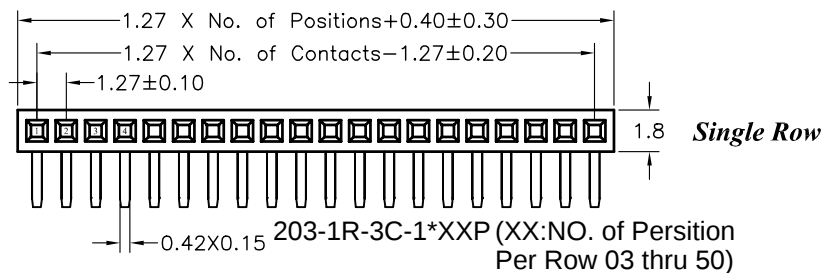
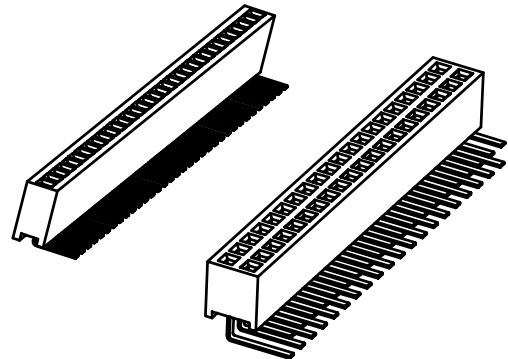
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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



Pitch:1.27mm(0.05")

Female Header Single Row S.M.T Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

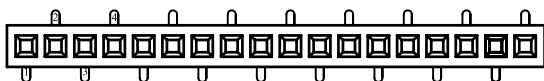
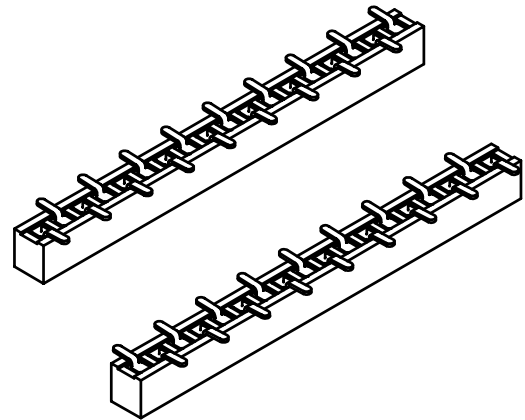
Withstanding Voltage:300V AC/minute

Mechanical:

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

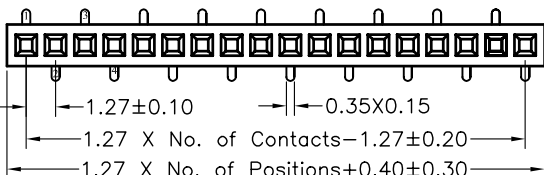
Tin plated:-40° C to+105° C

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



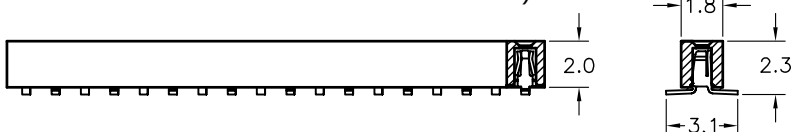
**R1 Type
B2 Type**

203-1SMT-B2-3C-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm

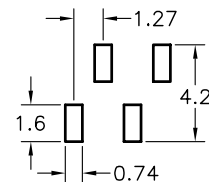


**R2 Type
B1 Type**

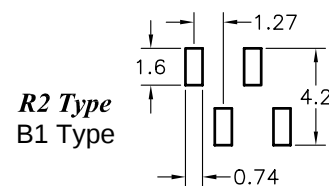
203-1SMT-B1-3C-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



Recommended
P.C.B Board
Layout



**R1 Type
B2 Type**



**R2 Type
B1 Type**

Pitch:1.27mm(0.05")

Female Header Single Row S.M.T Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

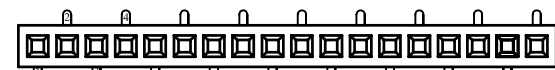
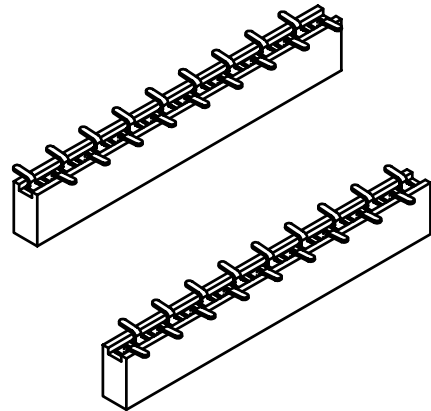
Withstanding Voltage:300V AC/minute

Mechanical:

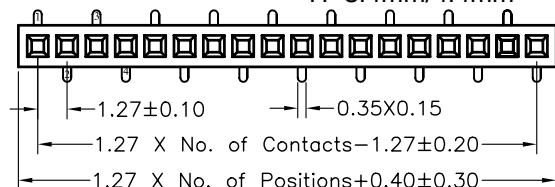
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

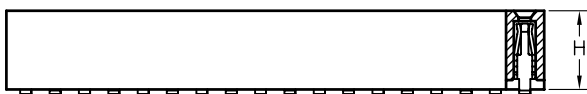
Soldering temperature: +260° C,10s max.



203-1SMT-B2--3C1*XXP (XX:NO. of Persition
Per Row 03 thru 50)
H=3.4mm/4.4mm

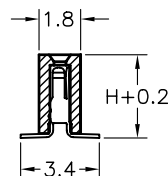


203-1SMT-B1-3C-1*XXP (XX:NO. of Persition
Per Row 03 thru 50)
H=3.4mm/4.4mm

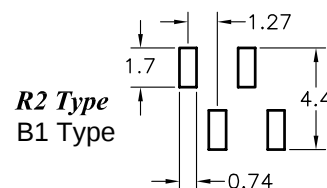
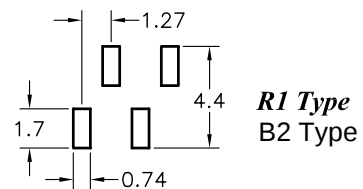


R1 Type
B2 Type

R2 Type
B1 Type



Recommended
P.C.B Board
Layout



Pitch:1.27mm(0.05") Female Header Single Row S.M.T Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PA6T+30%G.F

Electrical:

Current rating: 1.0Amps/contact max.

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

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

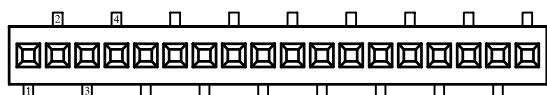
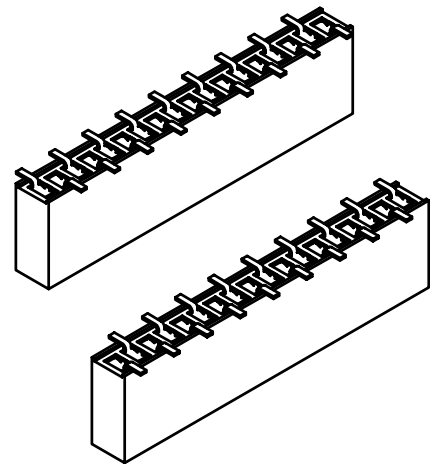
Withstanding Voltage:300V AC/minute

Mechanical:

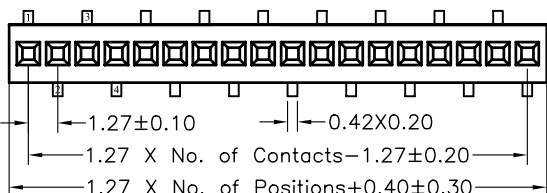
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

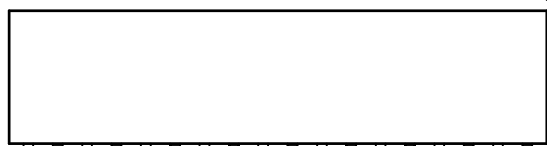
Soldering temperature: +260° C,10s max.



203-1SMT-B2-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=5.75mm



203-1SMT-B1-1*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=5.75mm



R1 Type
B2 Type

R2 Type
B1 Type

