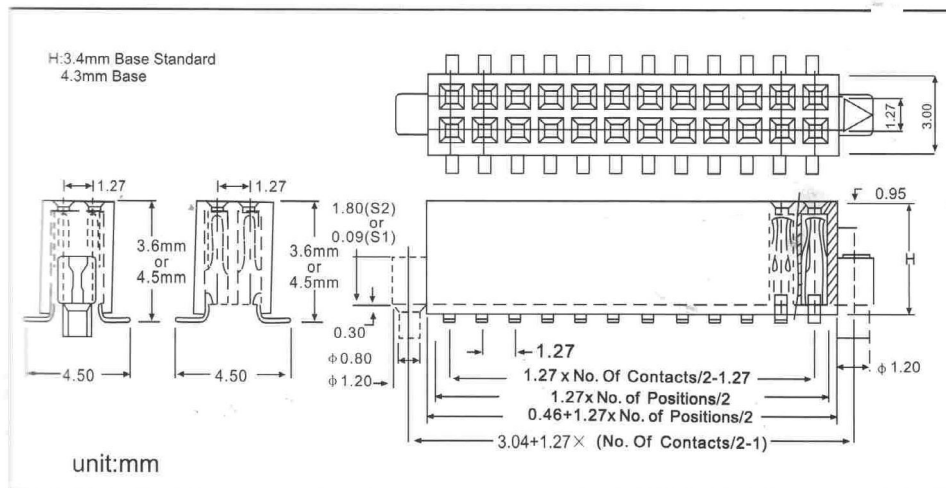


FEMALE PCB CONNECTOR DUAL ROW(1.27×1.27mm) 203-1/B Series

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 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" X0.05" (1.27X1.27mm)

Female Header SMT Type

Dual Row 06to 100 contacts

For Square Post Mating

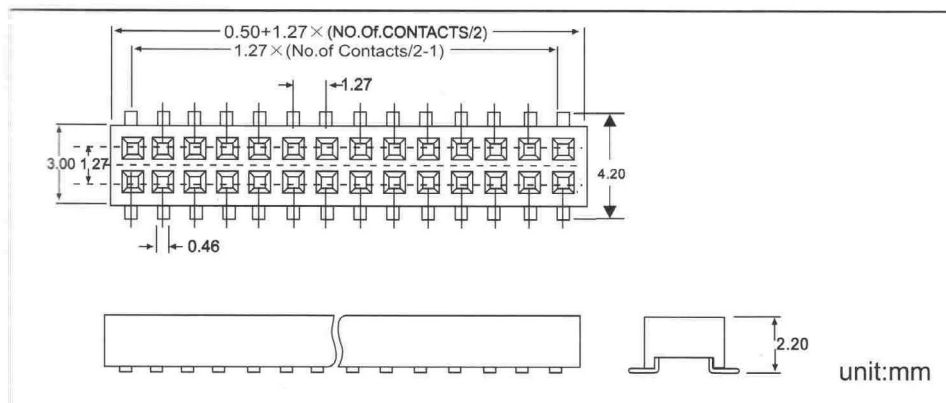
W0: W/O Locating peg

W1: with Locating peg

How to order;

203-1/B-SMT-3C-2X□P-3.4-W₁

203-1/B-SMT-3C-2X□P-3.4-W₀



0.05" X0.05" (1.27X1.27mm)

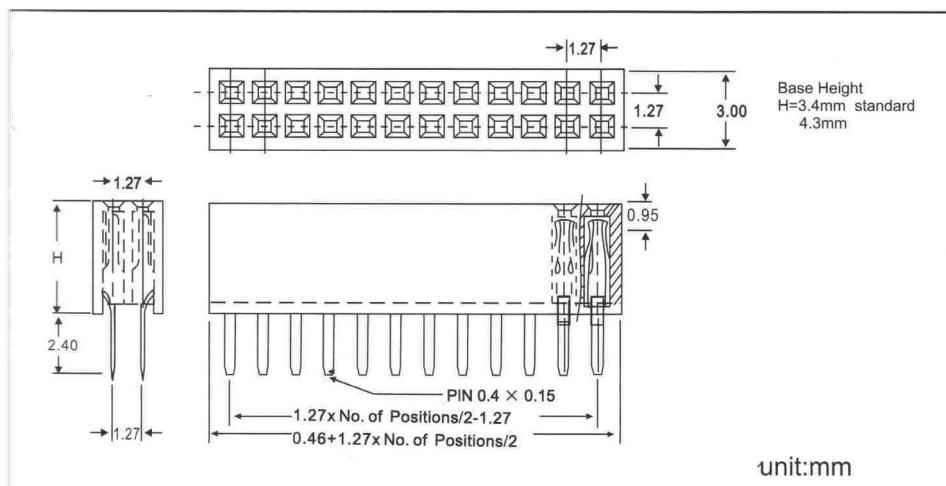
Female Header

Profile :2.2mm

Dual Row SMT Type

For Square Post Mating

How to Order

203-1/B -SMT-3C-2X ☐ P - 2.2

0.05"×0.05"(1.27× 1.27mm)

Female Header

Dual Row 06 to 100 Contacts

For Square Post Mating

How to order:

203- 1/B-S-3C-2x ☐ P-3.4/2.4

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 $V=100\text{V}$

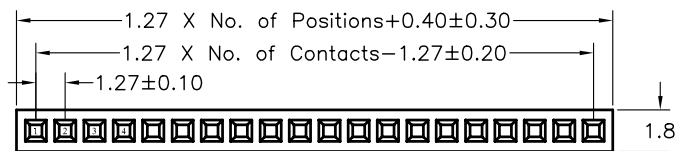
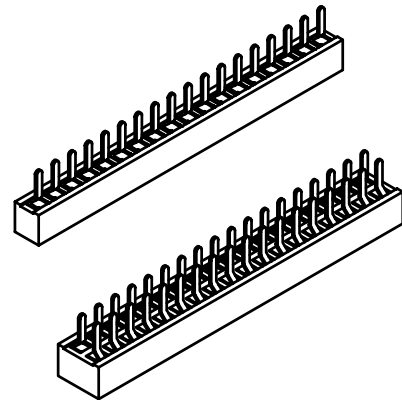
Withstanding Voltage:300V AC/minute

Mechanical:

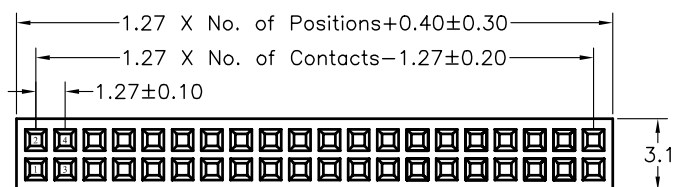
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

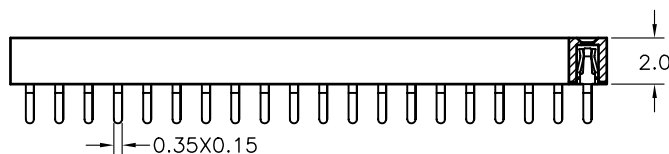
Soldering temperature: +260° C,10s max.



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

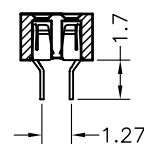
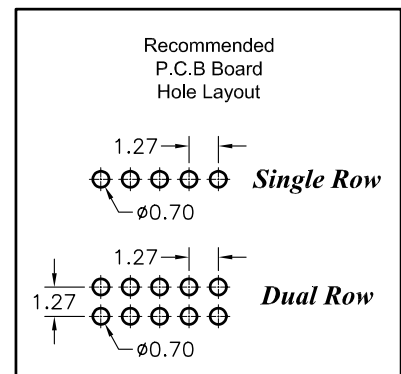


203-1S/B-3C-2*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



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 $V=100\text{V}$

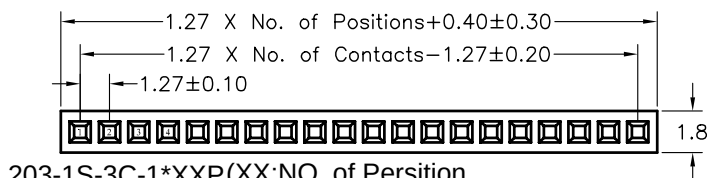
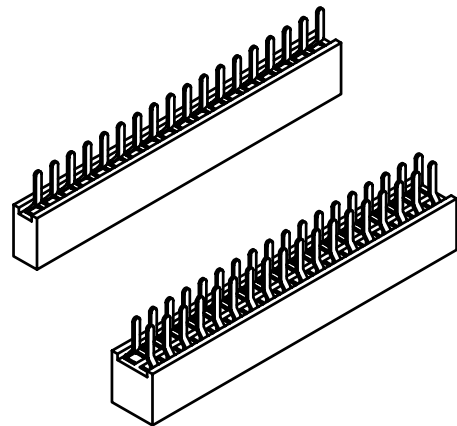
Withstanding Voltage:300V AC/minute

Mechanical:

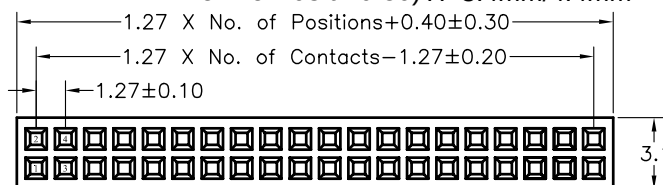
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

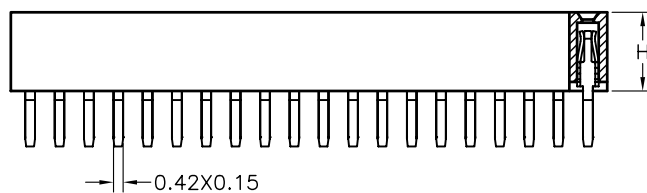
Soldering temperature: +260° C,10s max.



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

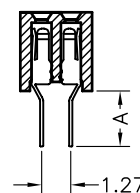
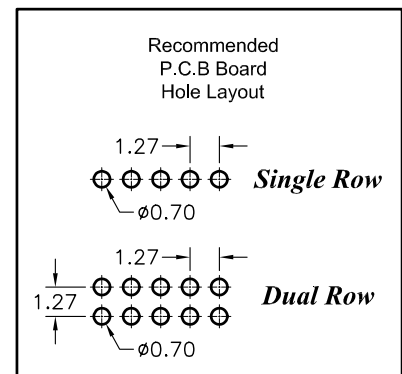


203-1S/B-2*XXP (XX:NO. of Persition
Per Row 03 thru 50) H=3.4mm/4.4mm

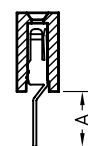


Single Row

Dual Row



Dual Row



Single Row

A=2.4mm/2.8mm

Female Header Single Row Right Angle Dip Type

Material:

Insulator Material:Black

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 $V=100\text{V}$

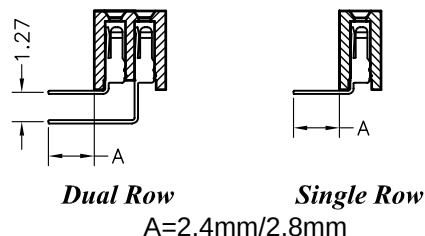
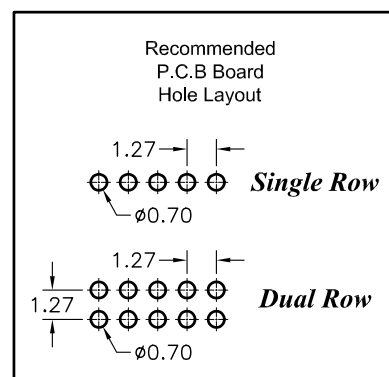
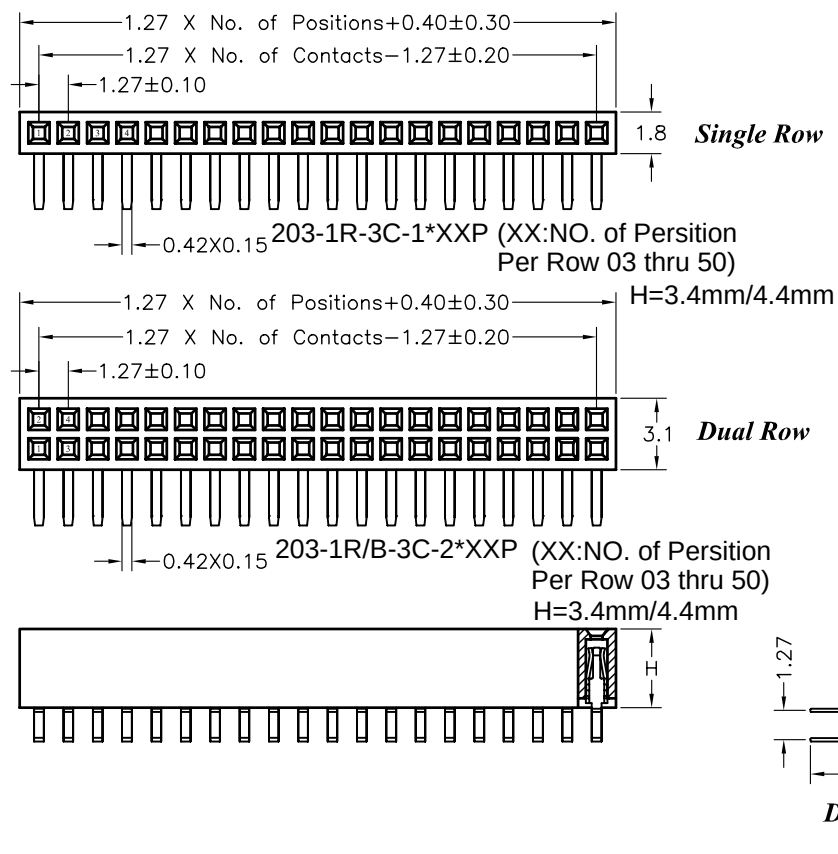
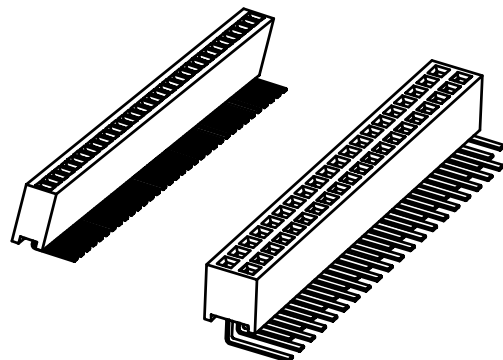
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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



Pitch:1.27*1.27mm(0.05"*0.05")

Female Header Without Polarizing Straddle

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 $V=100\text{V}$

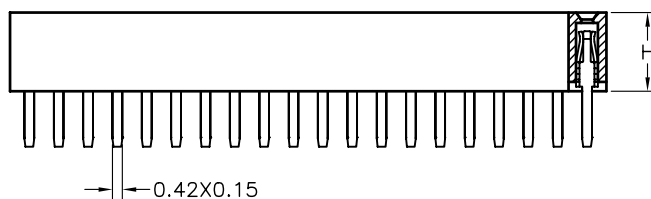
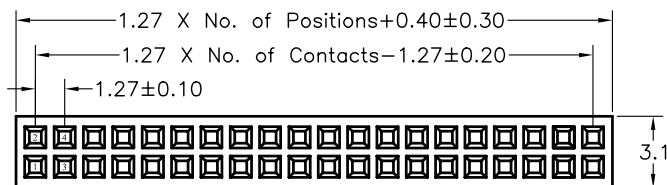
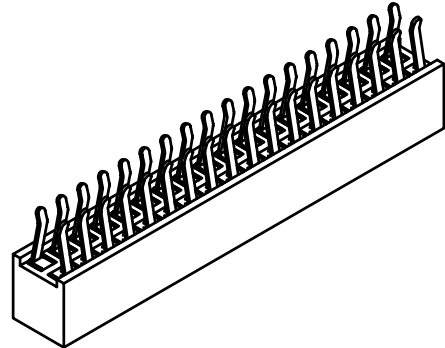
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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

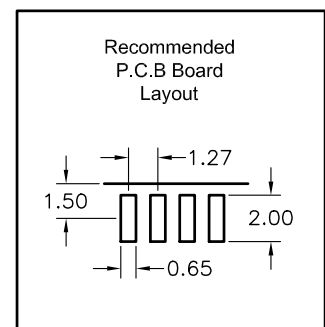
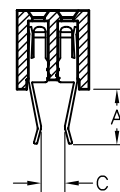


203-1S/B-3C-2*XXP 夹板型 (Without Polarizing Straddle)

(XX:NO. of Persition

Per Row 03 thru 50)

H=3.4mm/4.4mm



Pitch:1.27*1.27mm(0.05"*0.05") Female Header Dual 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 $V=100\text{V}$

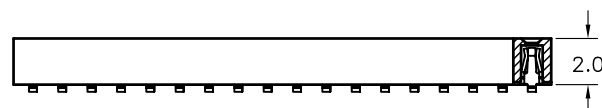
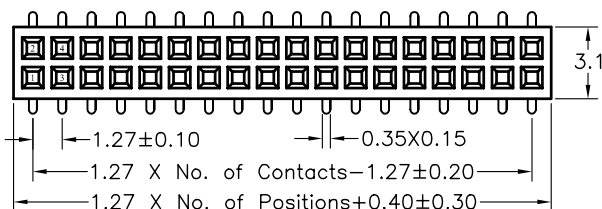
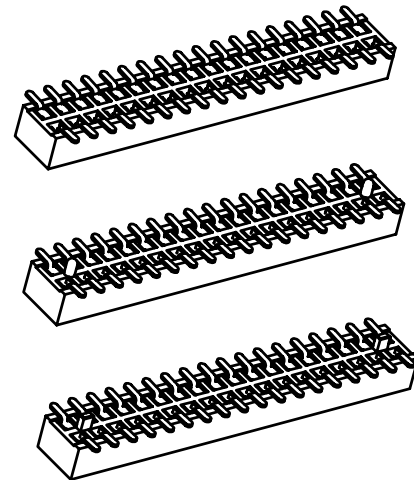
Withstanding Voltage:300V AC/minute

Mechanical:

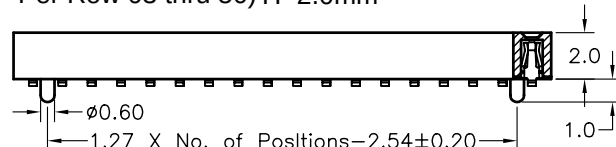
Operaing temperatures: Gold Plsted:-55° C to+105° C

Tin plated:-40° C to+105° C

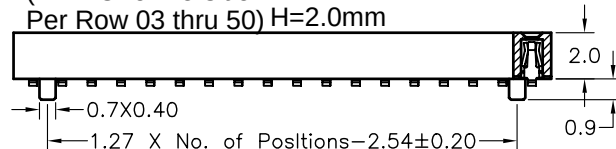
Soldering temperature: +260° C,10s max.



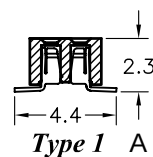
203-1SMT/B-3C-A-2*XXP
(XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



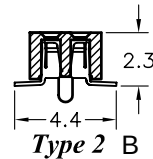
203-1SMT/B-3C-B-2*XXP (With Location Column)
(XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



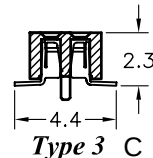
203-1SMT/B-3C-C-2*XXP (With Location Column)
(XX:NO. of Persition
Per Row 03 thru 50) H=2.0mm



Type 1 A

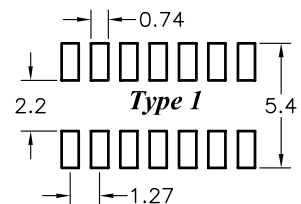


Type 2 B

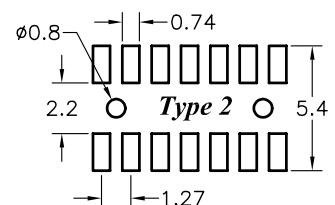


Type 3 C

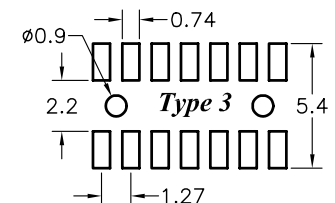
Recommended P.C.B Board Layout



Type 1



Type 2



Type 3

Pitch:1.27*1.27mm(0.05"*0.05") Female Header Dual 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 $V=100\text{V}$

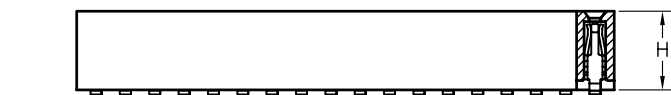
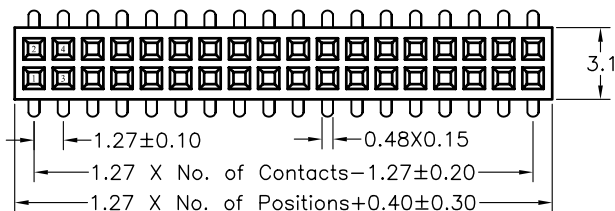
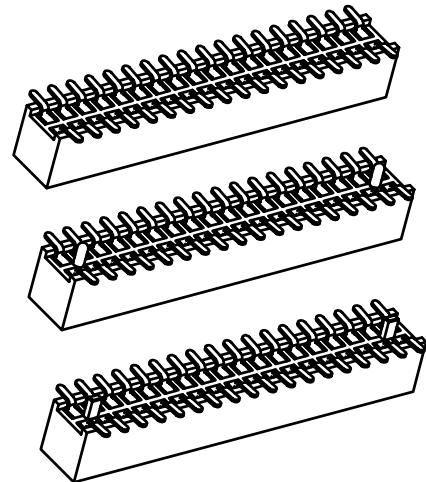
Withstanding Voltage:300V AC/minute

Mechanical:

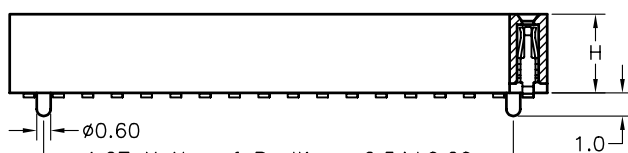
Operating temperatures: Gold Plated:-55° C to +105° C

Tin plated:-40° C to +105° C

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



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

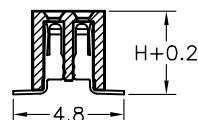


203-1SMT/B-3C-B-2*XXP (With Location Column)
(XX:NO. of Persition Per Row 03 thru 50) H=3.4mm/4.4mm

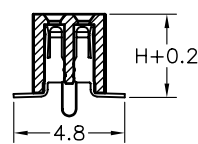


203-1SMT/B-3C-C-2*XXP (With Location Column)

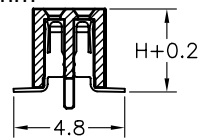
(XX:NO. of Persition Per Row 03 thru 50) H=3.4mm/4.4mm



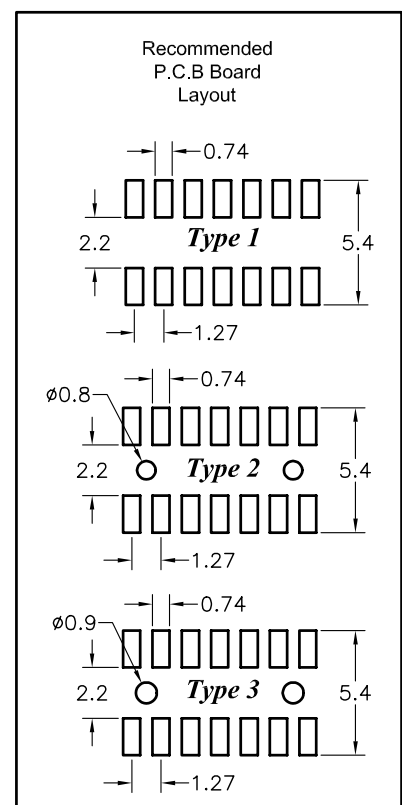
Type 1 A



Type 2 B



Type 3 C



Pitch:1.27*1.27mm(0.05"*0.05") Female Header Dual 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 $V=100\text{V}$

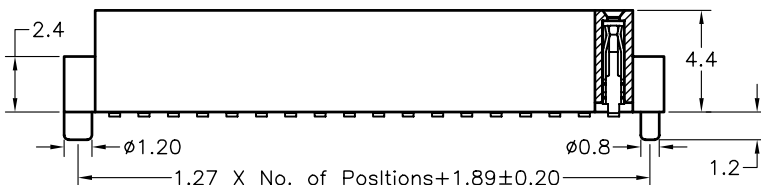
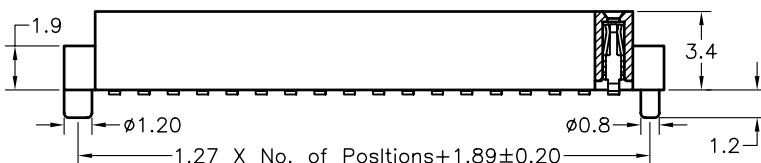
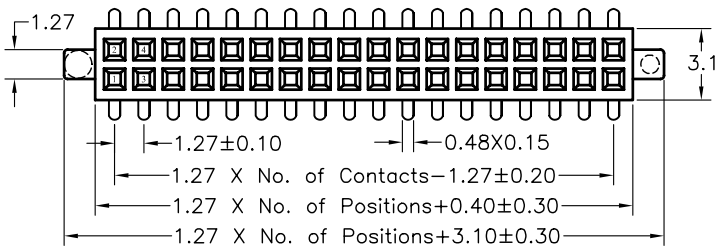
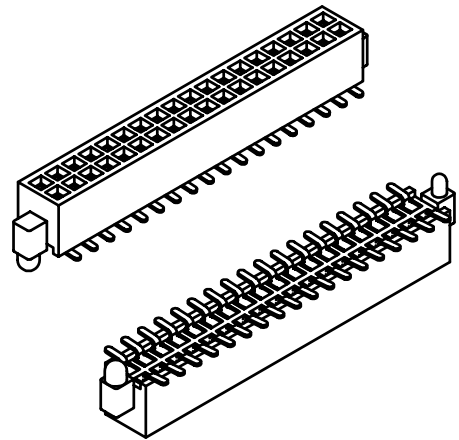
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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

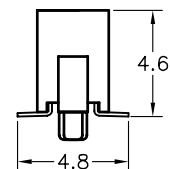
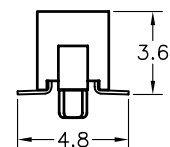
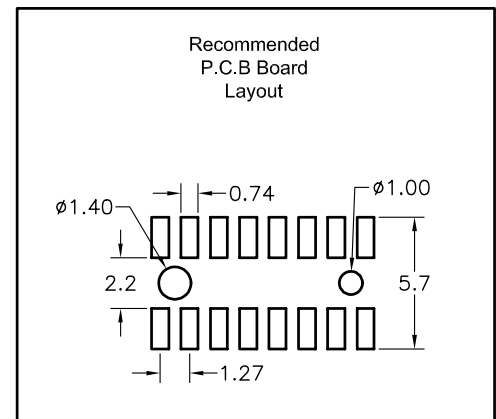


203-1SMT/B-3C-2*XXP (With Location Column)

(XX:NO. of Persition

Per Row 03 thru 50)

H=3.4mm/4.4mm



Pitch:1.27*1.27mm(0.05"*0.05") Female Header Dual 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 $V=100\text{V}$

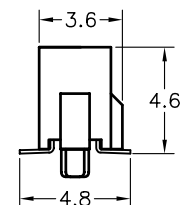
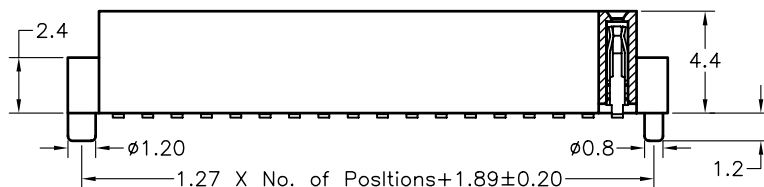
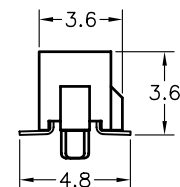
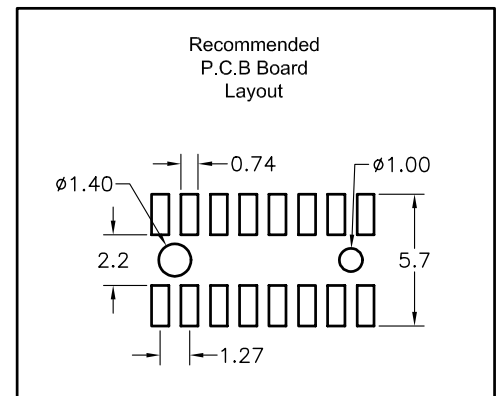
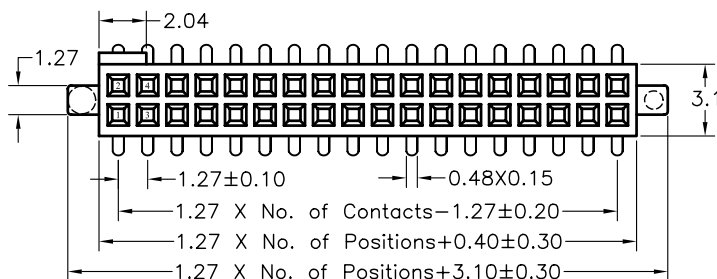
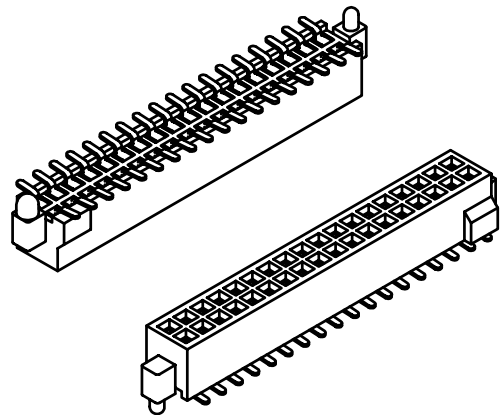
Withstanding Voltage:300V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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



203-1SMT/B-3C-2*XXP (With Location Column)

(XX:NO. of Persition
Per Row 03 thru 50)

H=3.4mm/4.4mm