

FEMALE PCB CONNECTOR(2.00mm)

203-2 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
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.



Unit:mm

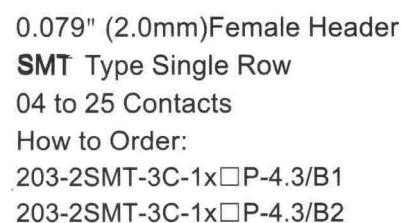
0.079" (2.0mm)Female Header
Single Row Straight
04 to 40 Contacts
Board to Board Connector
How to Order:
203-2S-3C-1 × ☐ P- 4.3/2.4



0.079" (2.0mm) Female Header
Single Row Right Angle
04 to 40 Contacts
Board to Board Connector
How to Order:
203-2R-3C-M-1X ☐ P-4.0/3.1

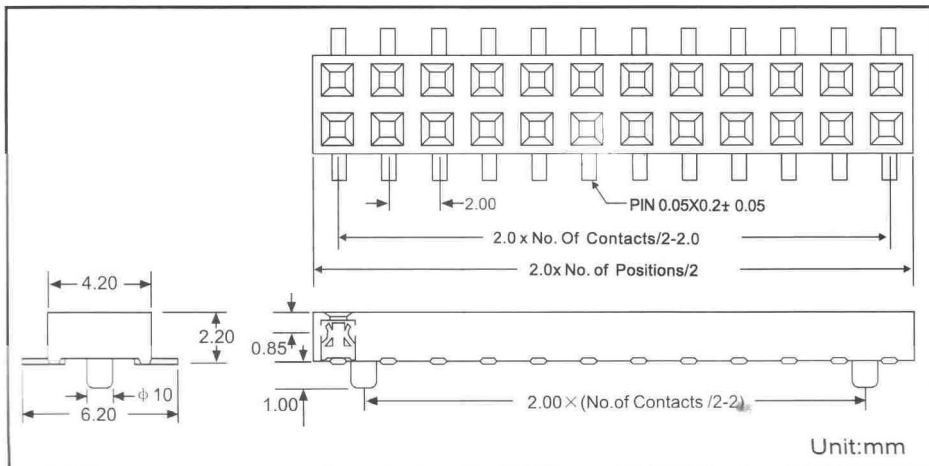


0.079"(2.0mm)* 0.079"(2.0mm)
Female Header
 Dual Row Straight
 Close Bottom Type(4C-A)
 06 to 80 Contacts
 How to Order:
 203-2S-4C-A-2x□P-4.0/2.8



FEMALE PCB CONNECTOR(2.00mm)

203-2 Series



0.079" (2.0mm)* 0.079" (2.0mm)
Female Header

Dual Row SMT Type

10 to 60 Contacts

Board to Board Connector

Low Profile:2.2mm

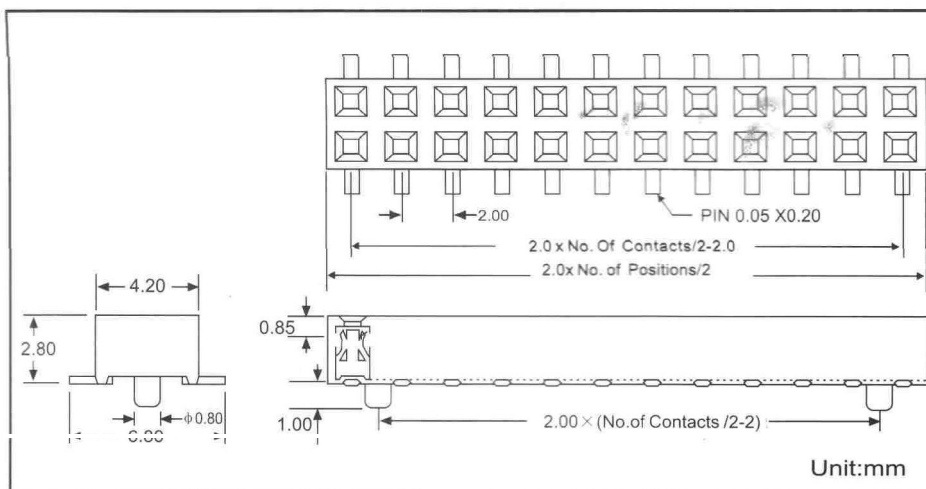
W₀: W/O Locating peg

W₁: with Locating peg

How to Order:

203-2SMT-3C-2×□P- 2.2/W₁

203-2SMT-3C-2×□P- 2.2/W₀



0.079" (2.0mm)* 0.079" (2.0mm)

Female Header SMT Type

Dual Row Board to Board

Connector 06 to 60 Contacts

Low Profile:2.8mm

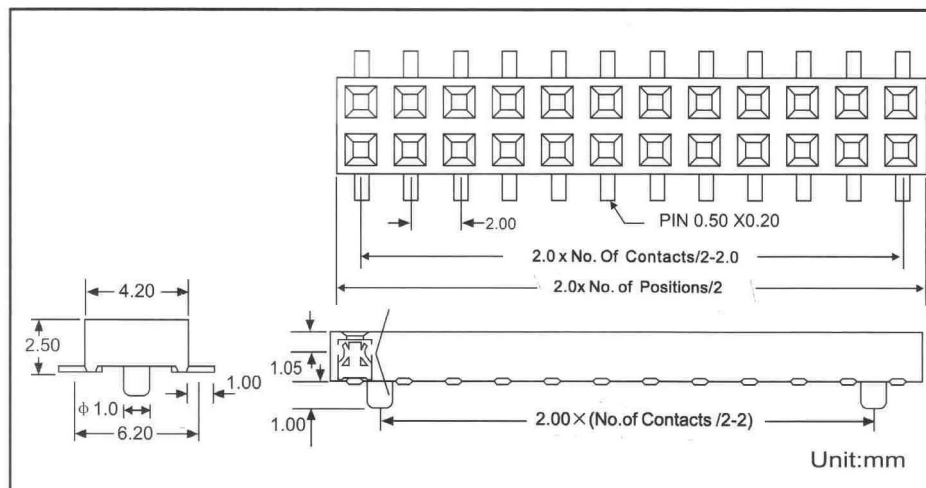
W₀: W/O Locating peg

W₁: with Locating peg

How to Order:

203-2SMT-3C-2×□P- 2.8-W₁

203-2SMT-3C-2×□P- 2.8-W₀



0.079" (2.0mm)*0.079" (2.0mm)

Female Header

Dual Row SMT Type

06 to 60 Contacts

Board to Board Connector

Low Profile: 2.5mm

W₀: W/O Locating peg

W₁: with Locating peg

How to Order:

203-2SMT-3C-2X □ P-2.5/W₁

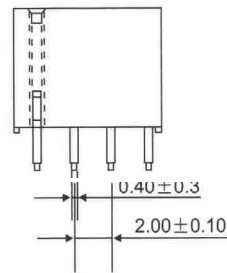
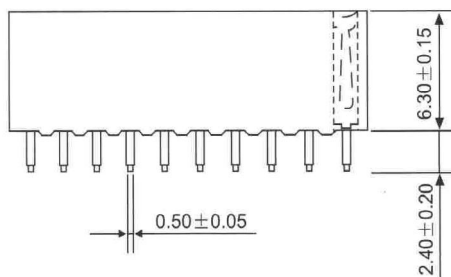
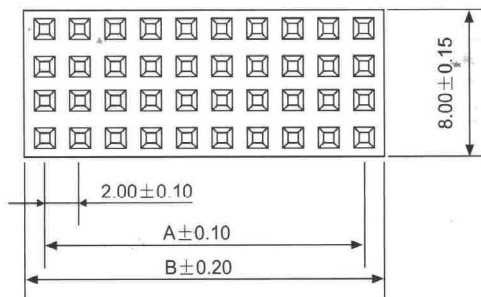
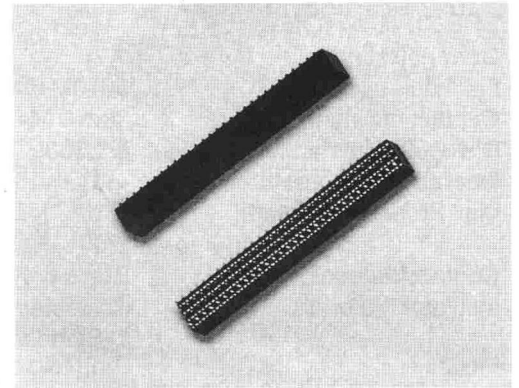
203-2SMT-3C-2X □ P-2.5/W₀

FEMALE PCB CONNECTOR(2.00mm)

203-2 Series

SPECIFICATION

Current Rating:	1 A
Insulator resistance:	5000M Ω Min
Contact resistance:	20m Ω Max
Dielectric withstanding Voltage:	AC 500V
Operating Temperature:	-40°C~+105°C
Max Processing Temp:	(230°C for 30~60seconds) (260°C for 10 seconds)
Contact Material:	Brass or Phosphor bronze
Insulator Material:	Polyester, UL 94V-0
Finish:	©Standard:nylon-6T Tin,Gold or Dupex plated
©Note:	
Duplex plating:	gold plated on contact area, Tin on solder area



NO . of Contacts	Dimebsions	
	A	B
24	10.00	12.40
28	12.00	14.40
32	14.00	16.40
36	16.00	18.40
40	18.00	20.40
44	20.00	22.40
48	22.00	24.40
52	24.00	26.40
56	26.00	28.40
60	28.00	30.40
64	30.00	32.40
68	32.00	34.40
72	34.00	36.40
76	36.00	38.40
80	38.00	40.40
84	40.00	42.40
88	42.00	44.40
92	44.00	46.40
96	46.00	48.40
100	48.00	50.40
104	50.00	52.40
108	52.00	54.40
112	54.00	56.40
116	56.00	58.40
120	58.00	60.40

Order Information

Series No	Contact type	Terminal Type	No of Contacts	Contact plating
203-2	S	Y	4×30P	G

S: Straight
R: Right Angle

(H/B)
Dimension

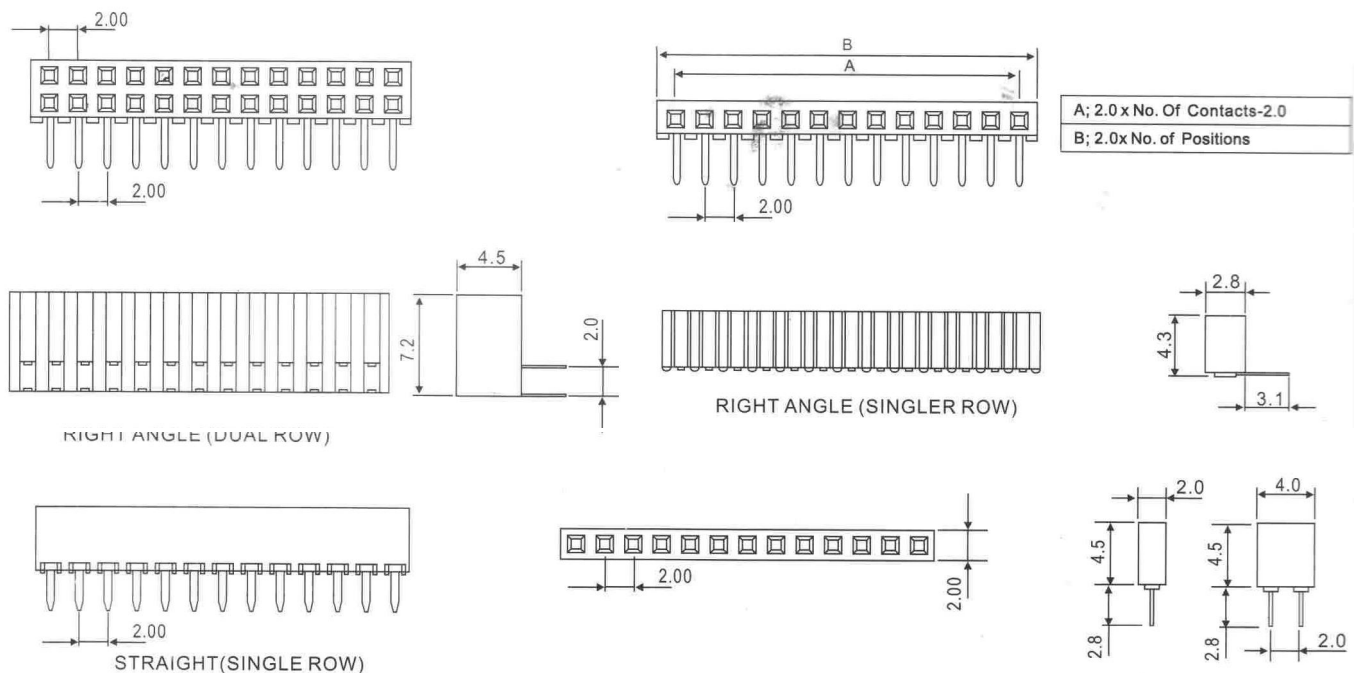
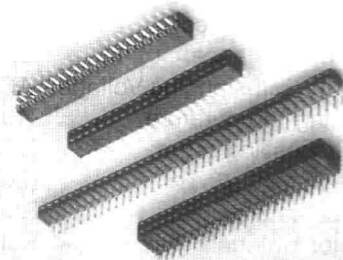
0.079" (2.0mm)Female header
Dual Row 24 TO 120 contacts
Profile: 6.3mm

FEMALE HEADER (2.00mm)

203-2 Series

SPECIFICATION

Current Rating:	1 A
Insulator resistance:	5000M Ω Min
Contact resistance:	20m Ω Max
Dielectric withstanding voltage:	AC 500V
Operating Temperature:	-40°C ~ +105°C
Max Processing Temp:	(230°C for 30~60seconds) (260°C for 10 seconds)
Contact Material:	Brass or Phosphor bronze
Insulator Material:	Polyester, UL 94V-0
Finish:	◎ Standard: nylon-6T Tin, Gold or Duplex plated
◎ Note:	
Duplex plating:	gold plated on contact area, Tin on solder area



ORDER INFORMATION

203-2	A	20	P	G	A	S	A	A	3
1	2	3	4	5	6	7	8	9	10

1.SERIES NO .
203-2

4.CONTACT TYPE
P=NON DISTRIBUTION

7.PROCESS OPTION
S=STRAIGHT
R=RIGHTANGLE

2. TYPE
A=STANDARD

5.CONTACT PLATING
T=TIN
G=GOLD FLASH
C=15u"GOLD
D=30u"GOLD

8.INSULATOR HEIGHT
A=STANDARD

3.CONTACT NUMBER
SINGLE ROW: 03-40. CONTACTS
DUAL ROW:06-80 CONTACTS

6.ROW TYPE
A=SINGLE ROW
B=DUAL ROW

9.INSERTION OPTION
A=FULLY LOADED

10.INSULATOR COLOR
3=BLACK

Pitch:2.00mm(0.0787")

Female Header Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

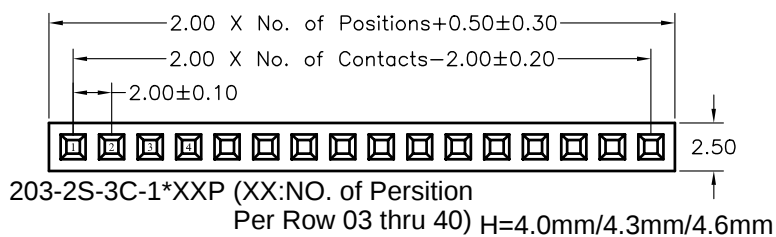
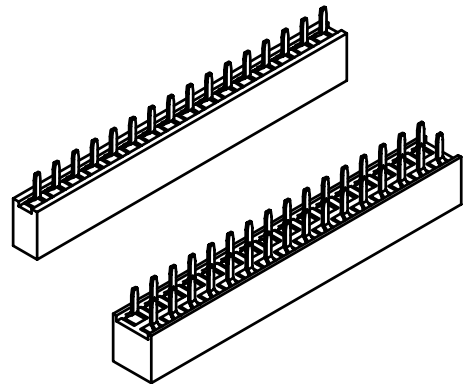
Withstanding Voltage:450V AC/minute

Mechanical:

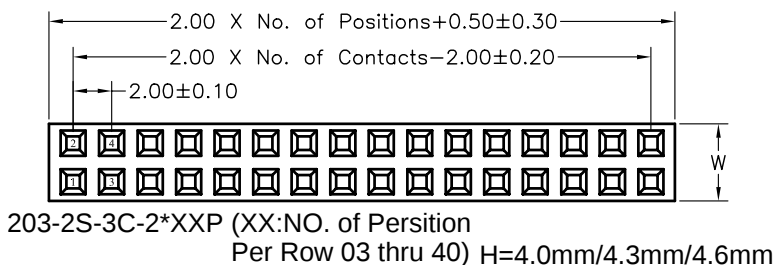
Operaing temperatures: Gold Plsted:-55° C to+105° C

Tin plated:-40° C to+105° C

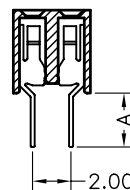
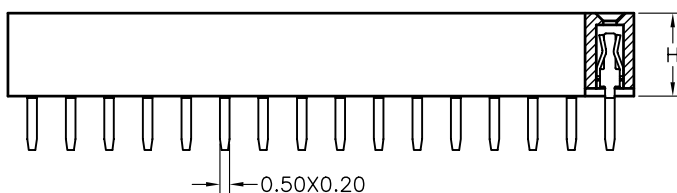
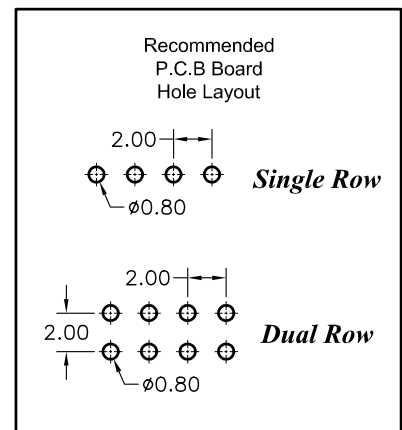
Soldering temperature: +260° C,10s max.



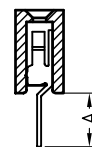
Single Row



Dual Row



Dual Row



Single Row

Pitch:2.00mm(0.0787")

Female Header Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

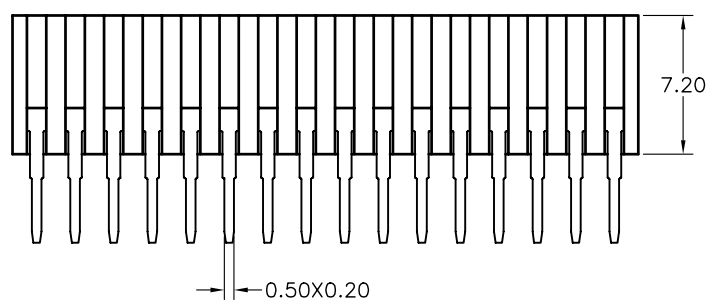
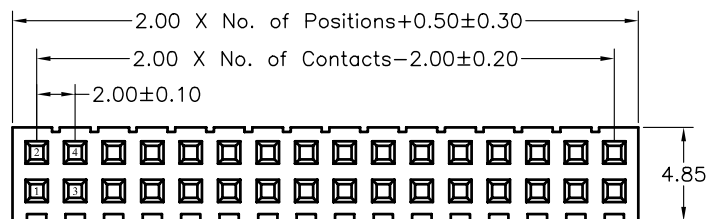
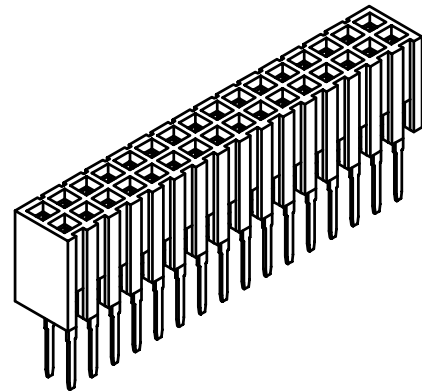
Withstanding Voltage:450V AC/minute

Mechanical:

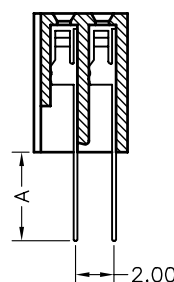
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

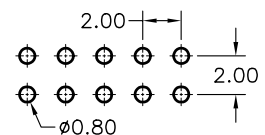
Soldering temperature: +260° C,10s max.



203-2S-3C-2*XXP(XX:NO. of Persition
Per Row 03 thru 40)
H=7.2mm



Recommended
P.C.B Board
Hole Layout



Pitch:2.00mm(0.0787")

Female Header Single/Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

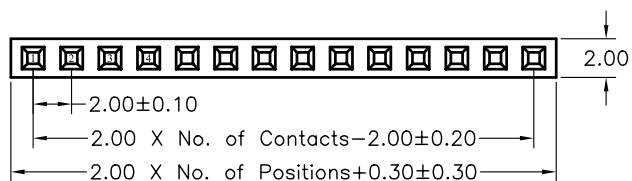
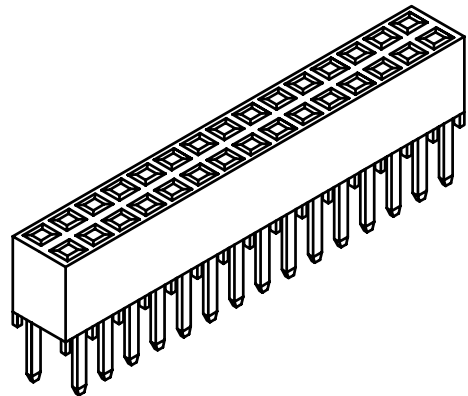
Withstanding Voltage:450V AC/minute

Mechanical:

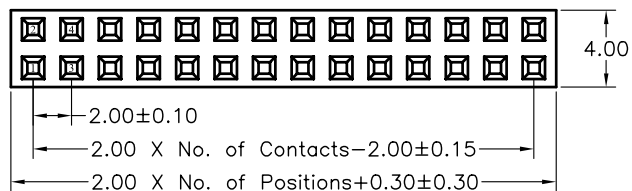
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

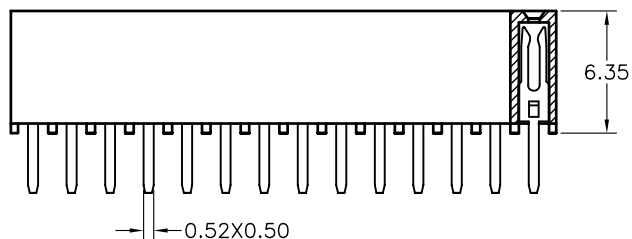
Soldering temperature: +260° C,10s max.



203-2S-1*XXP (XX:NO. of Persition
Per Row 03 thru 40) H=6.35mm

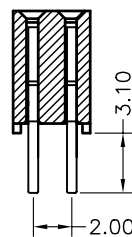
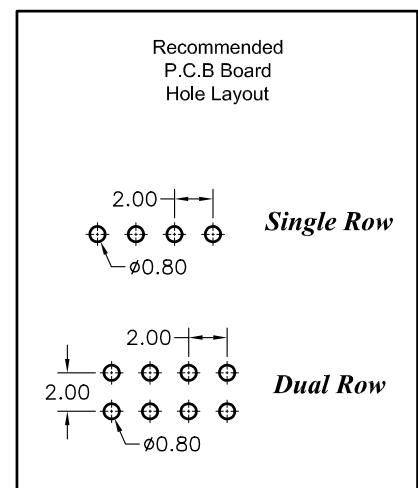


203-2S-2*XXP (XX:NO. of Persition
Per Row 03 thru 40) H=6.35mm

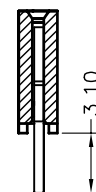


Single Row

Dual Row



Dual Row



Single Row

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

Female Header Single/Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

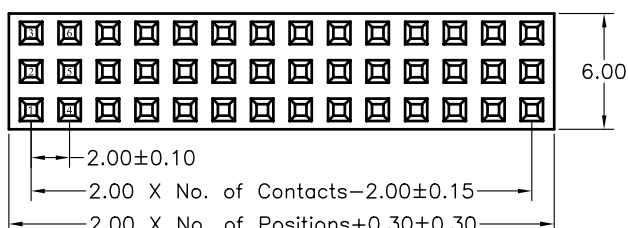
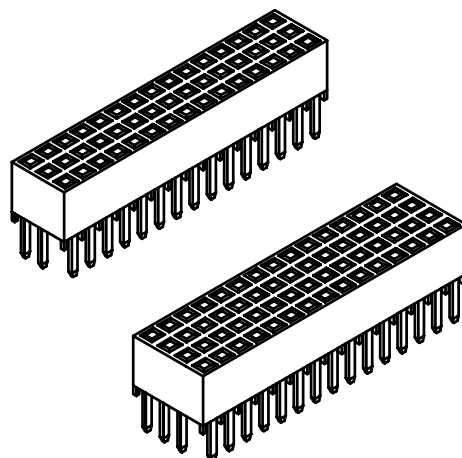
Withstanding Voltage:450V AC/minute

Mechanical:

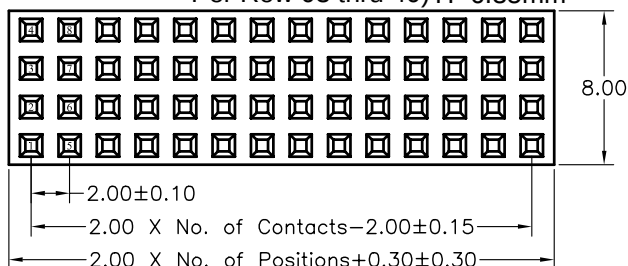
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

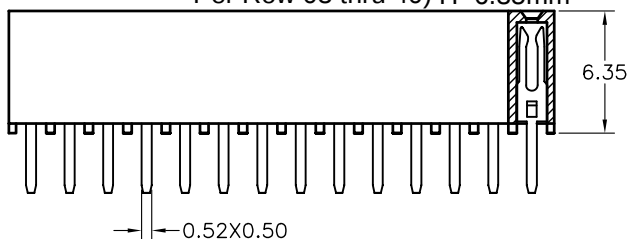
Soldering temperature: +260° C,10s max.



203-2S-3*XXP (XX:NO. of Persition
Per Row 03 thru 40) H=6.35mm

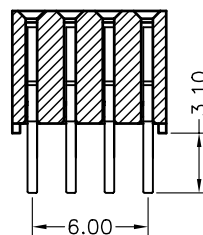
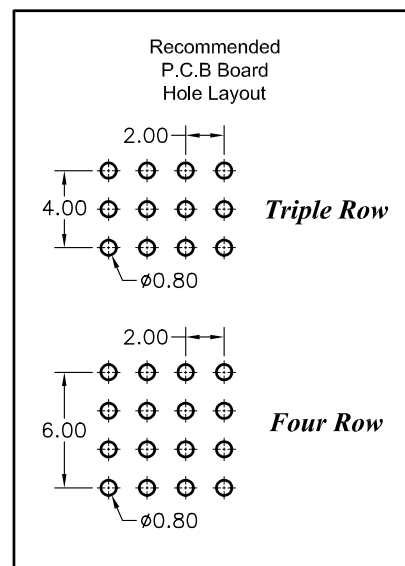


203-2S-4*XXP (XX:NO. of Persition
Per Row 03 thru 40) H=6.35mm

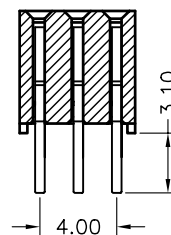


Triple Row

Four Row



Four Row



Triple Row

NO.of Contac		24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120
Dimebsions	A	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00
	B	12.40	14.40	16.40	18.40	20.40	22.40	24.40	26.40	28.40	30.40	32.40	34.40	36.40	38.40	40.40	42.40	44.40	46.40	48.40	50.40	52.40	54.40	56.40	58.40	60.40

203-2R-4*XXP (XX:NO. of Persition
Per Row 03 thru 40)

Pitch:2.00mm(0.0787")

Female Header Single/Dual Row Straight Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

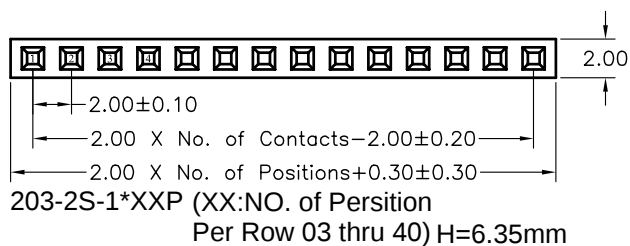
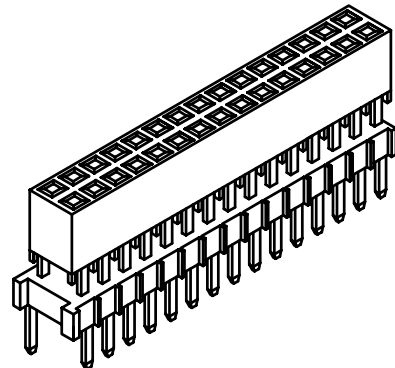
Withstanding Voltage:450V AC/minute

Mechanical:

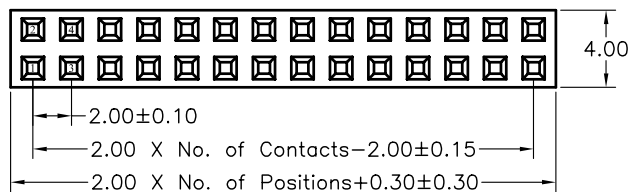
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

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

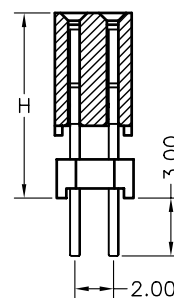
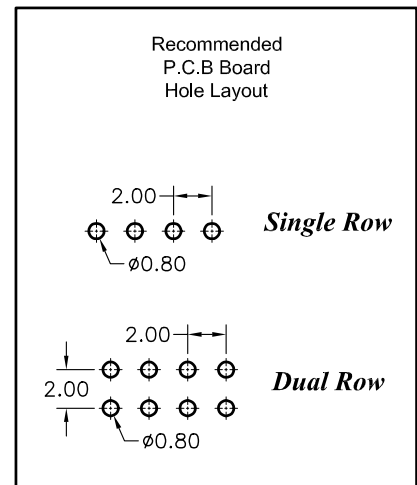
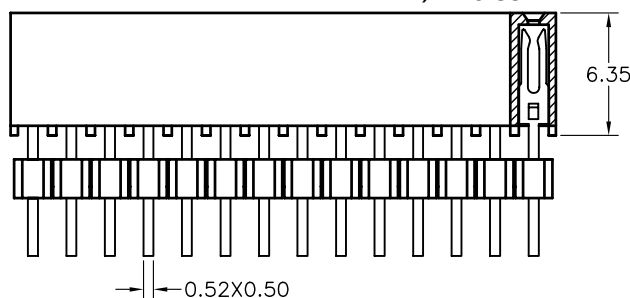


Single Row

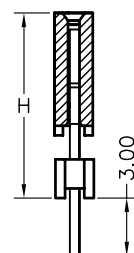


Dual Row

排针型排母 203-2S-2*XXP (XX:NO. of Persition
Per Row 03 thru 40) H=6.35mm



Dual Row



Single Row

Pitch:2.00mm(0.0787")

Female Header Right Angle Dip Type

Technical Data

Material:

Contact Material: Brass

Insulator Material:Black Polyester UL94V-0

Standard:PBT+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 $V=100\text{V}$

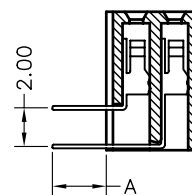
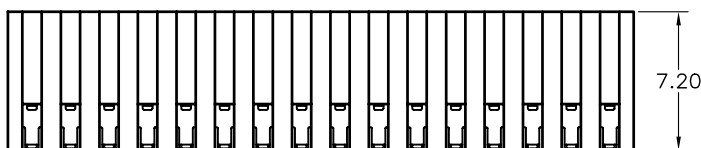
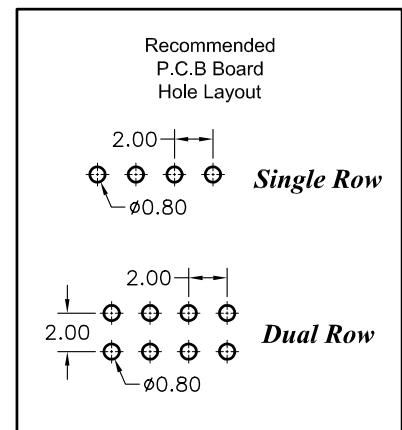
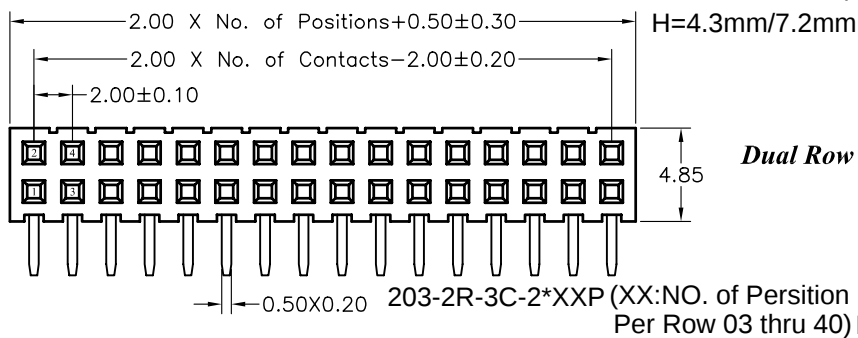
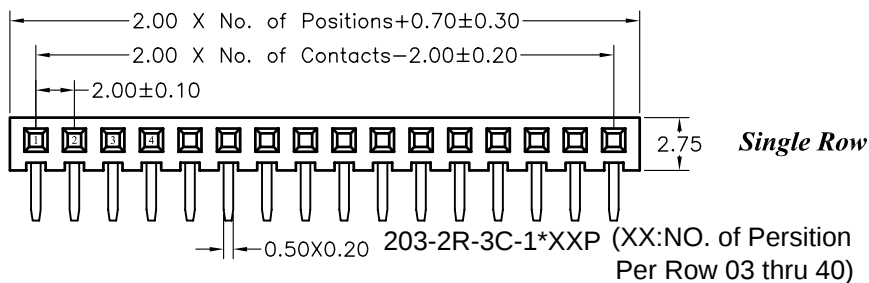
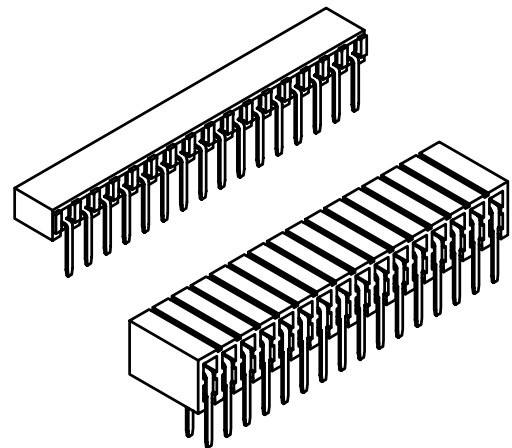
Withstanding Voltage:450V AC/minute

Mechanical:

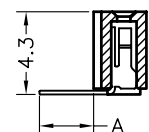
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

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



Dual Row



Single Row

Pitch:2.00mm(0.0787")

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: 1.5Amps/contact max.

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

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

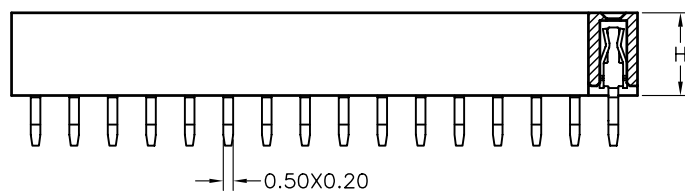
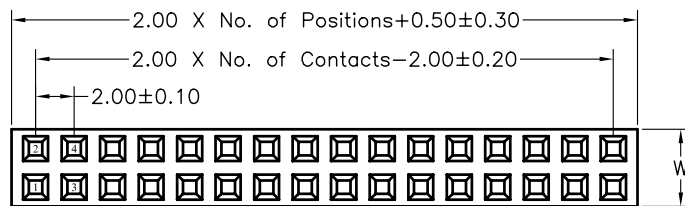
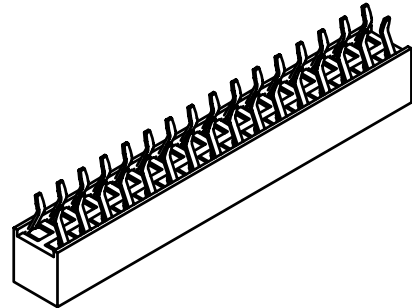
Withstanding Voltage:450V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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

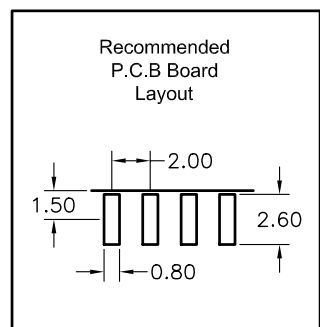
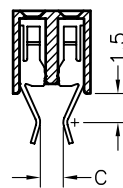


203-2S-3C-2*XXP 夹板型 (Without Polarizing Straddle)

(XX:NO. of Persition

Per Row 03 thru 40)

H=4.0mm/4.3mm/4.6mm



Pitch:2.00mm(0.0787")

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: 1.5Amps/contact max.

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

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

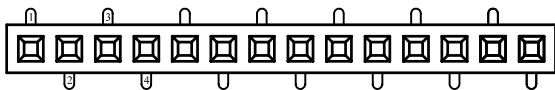
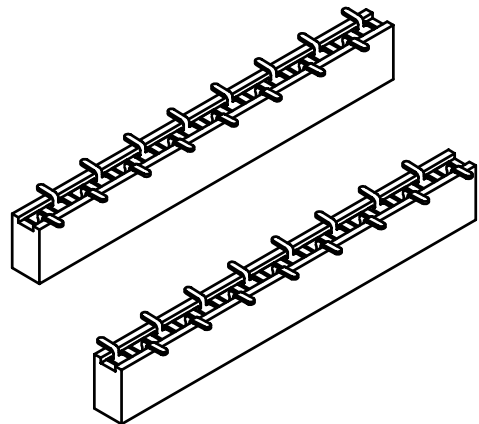
Withstanding Voltage:450V AC/minute

Mechanical:

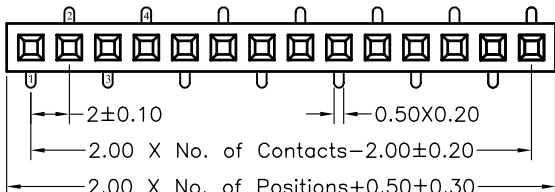
Operating temperatures: Gold Plated:-55° C to+105° C

Tin plated:-40° C to+105° C

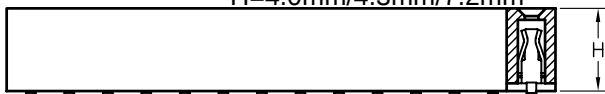
Soldering temperature: +260° C,10s max.



203-2SMT-B1-3C-1*XXP(XX:NO. of Position
Per Row 03 thru 40)
H=4.0mm/4.3mm/7.2mm

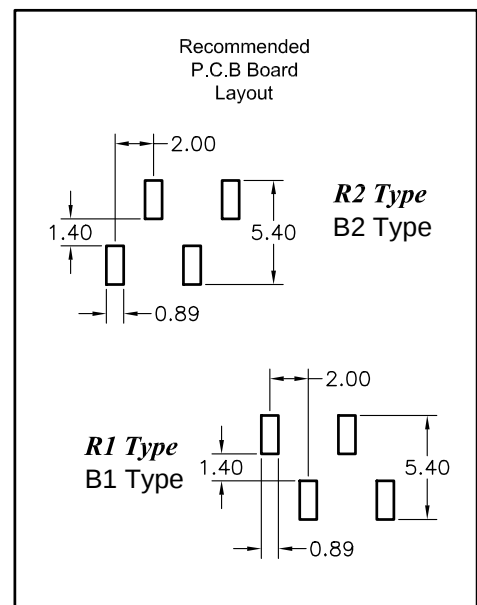
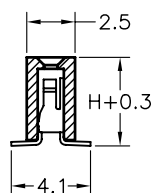


203-2SMT-B2-3C-1*XXP(XX:NO. of Position
Per Row 03 thru 40)
H=4.0mm/4.3mm/7.2mm



R1 Type
B1 Type

R2 Type
B2 Type



Pitch:2.00*2.00mm(0.0787"*0.0787) 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: 1.5Amps/contact max.

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

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

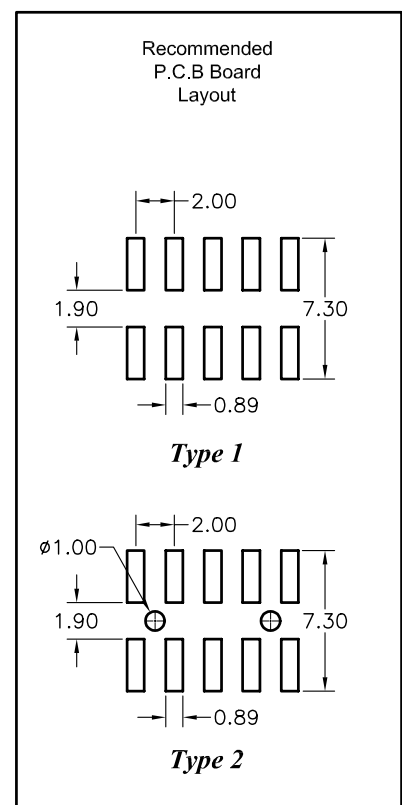
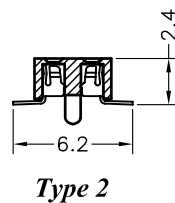
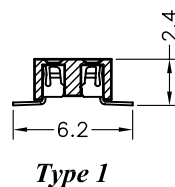
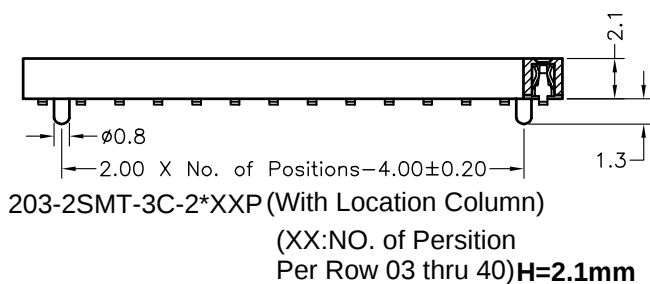
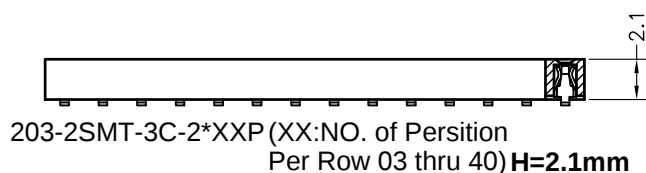
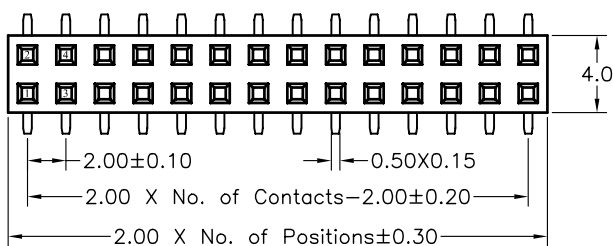
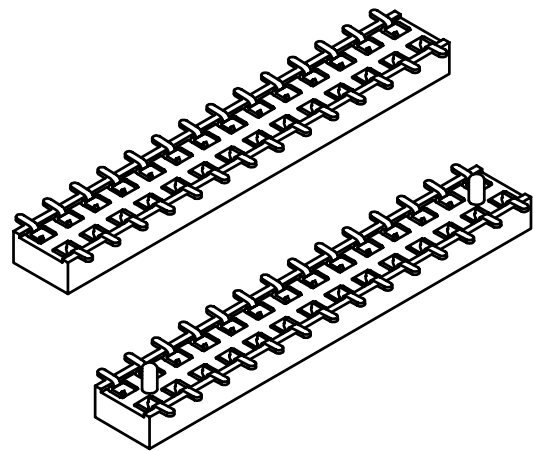
Withstanding Voltage:450V AC/minute

Mechanical:

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

Tin plated:-40° C to+105° C

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



Pitch:2.00*2.00mm(0.0787"*0.0787") 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: 1.5Amps/contact max.

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

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

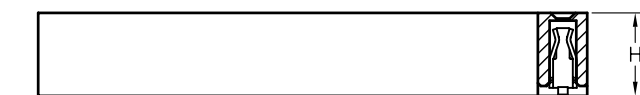
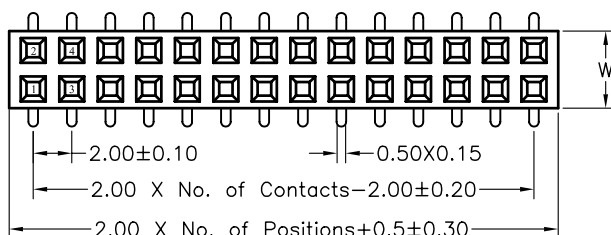
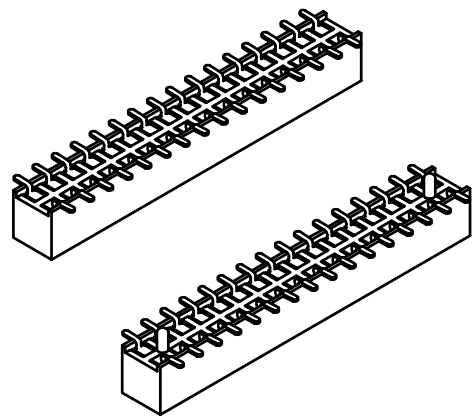
Withstanding Voltage:450V AC/minute

Mechanical:

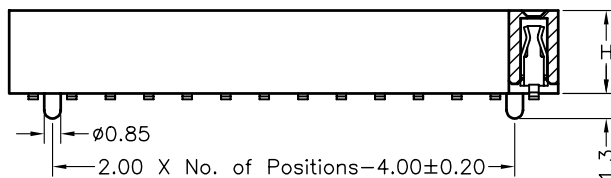
Operaing temperatures: Gold Plsted:-55° C to+105° C

Tin plated:-40° C to+105° C

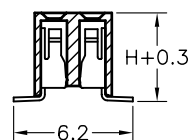
Soldering temperature: +260° C,10s max.



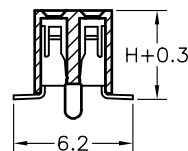
203-2SMT-3C-2*XXP (XX:NO. of Persition
Per Row 03 thru 40)
H=4.0mm/4.3mm/4.6mm



203-2SMT-3C-2*XXP (With Location Column)
(XX:NO. of Persition
Per Row 03 thru 40)
H=4.0mm/4.3mm/4.6mm



Type 1



Type 2

