

F

E

D

C

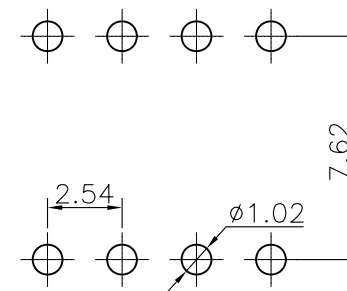
B

A

Specifications
Current Rating:3.0Amp
Insulation Resistance:1000MΩMin.
Dielectric Withstanding Voltage:600VAC
Contact Resistance:20mΩMax.
Operating Temperature:-40°C to +105°C
Materials
Contact Material:
Phosphor Bronze
Insulator Material:
PBT(Not resistant to high temperature),
Nylon(High temperature resistance),
LCP(High temperature resistance),
UL 94V-0
All materials must meet Greenconn
hazardous substances control standards.

No. of PIN/ROW	Dimension Information	
	M	L
02	2.54	5.08
03	5.08	7.62
04	7.62	10.16
05	10.16	12.70
06	12.70	15.24
07	15.24	17.78
08	17.78	20.32
09	20.32	22.86
10	22.86	25.40
11	25.40	27.94
12	27.94	30.48
13	30.48	33.02
14	33.02	35.56
15	35.56	38.10
16	38.10	40.64
17	40.64	43.18
18	43.18	45.72
19	45.72	48.26
20	48.26	50.80
21	50.80	53.34
22	53.34	55.88
23	55.88	58.42
24	58.42	60.96
25	60.96	63.50
26	63.50	66.04
27	66.04	68.58
28	68.58	71.12
29	71.12	73.66
30	73.66	76.20
31	76.20	78.74
32	78.74	81.28
33	81.28	83.82
34	83.82	86.36
35	86.36	88.90
36	88.90	91.44
37	91.44	93.98
38	93.98	96.52
39	96.52	99.06
40	99.06	101.60

Recommended P.C.Board
Layout
(Tolerance:±0.05)



Ordering Information

XB-PM-B-254-210

Plastic specifications
1=Single row
2=Dual row
3=Tripe row
4=Quadruple

Water code

No. of Pins per Row
02~40

Positioning column information
A=No locating post
B=Round post
C=Square post

Plating code
01=Tin
02=Gold Flash
05=Gold Flash/Tin
22=Matte Tin

Pin length
See the drawing

Insulator Material
A=PBT
R=Nylon(Halogen Free)
C=LCP

Color
1=Black
2=White
3=Yellow
E=Beige

Contact Material
A/S/K/T=Phosphor Bronze

Packing code
A=Box
B=Tray
C=Tube
D=Tape&Reel
E=Cap+Tube
F=Cap+Tape&Reel
G=Acetate Tape+Tube
H=Acetate Tape+Tape&Reel

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DONG GUAN XI BANG ELECTRONICS CO., LTD.

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GENERAL TOLERANCE

X.*±5.0°	X.±0.30
.X.*±3.0°	.X.±0.25
.XX.*±2.0°	.XX±0.15
.XXX.*±1.0°	.XXX±0.10

DWG. NO.

XB-PM-B-254-210

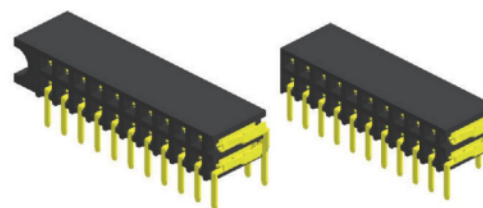
PART NO.

XB-PM-B-254-210

TITLE.

**2.54 FEMALE HEADER
DUAL ROWS R/A TYPE
CONNECTOR**

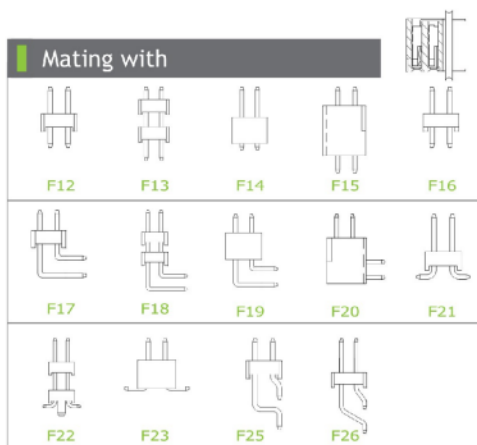
Current Rating :	3.0 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	600V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C



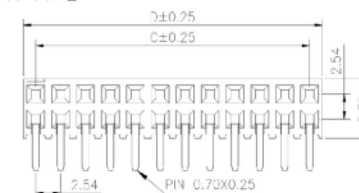
A Type

Contact Material : Phosphor Bronze
Insulation Material : High Temperature Thermoplastic, 94V-0 PBT

Mating with



A TYPE



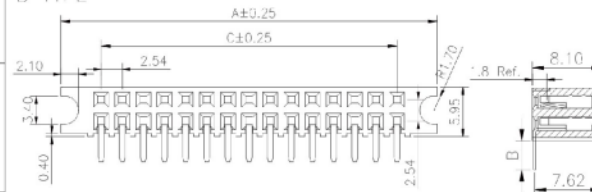
Recommended P.C. Board Hole Layout

2.54

1.02

7.62

B TYPE



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information		
	A	C	D		A	C	D		A	C	D		A	C	D
				11	35.04	25.40	27.94	21	60.44	50.80	53.34	31	85.84	76.20	78.74
				12	37.58	27.94	30.48	22	62.98	53.34	55.88	32	88.38	78.74	81.28
03	14.72	5.08	7.62	13	40.12	30.48	33.02	23	65.52	55.88	58.42	33	90.92	81.28	83.82
04	17.26	7.62	10.16	14	42.66	33.02	35.56	24	68.06	58.42	60.96	34	93.46	83.82	86.36
05	19.80	10.16	12.70	15	45.20	35.56	38.10	25	70.60	60.96	63.50	35	96.00	86.36	88.90
06	22.34	12.70	15.24	16	47.74	38.10	40.64	26	73.14	63.50	66.04	36	98.54	88.90	91.44
07	24.88	15.24	17.78	17	50.28	40.64	43.18	27	75.68	66.04	68.58	37	101.08	91.44	93.98
08	27.42	17.78	20.32	18	52.82	43.18	45.72	28	78.22	68.58	71.12	38	103.62	93.98	96.52
09	29.96	20.32	22.86	19	55.36	45.72	48.26	29	80.76	71.12	73.66	39	106.16	96.52	99.06
10	32.50	22.86	25.40	20	57.90	48.26	50.80	30	83.30	73.66	76.20	40	108.70	99.06	101.60

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GENERAL TOLERANCE	
$X \pm 5.0'$	$X \pm 0.30$
$X \pm 3.0'$	$X \pm 0.25$
$XX \pm 2.0'$	$XX \pm 0.15$
$XXX \pm 1.0'$	$XXX \pm 0.10$

DESIGN	
CHECKED:	
AUDITED:	
APPROVED:	

DATE:
DATE:
DATE:
DATE:

DWG. NO.	XB-PM-B-254-210
PART NO.	XB-PM-B-254-210

TITLE.	2.00 FEMALE HEADER SINGLE ROW DIP TYPE BASE 4.30H
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