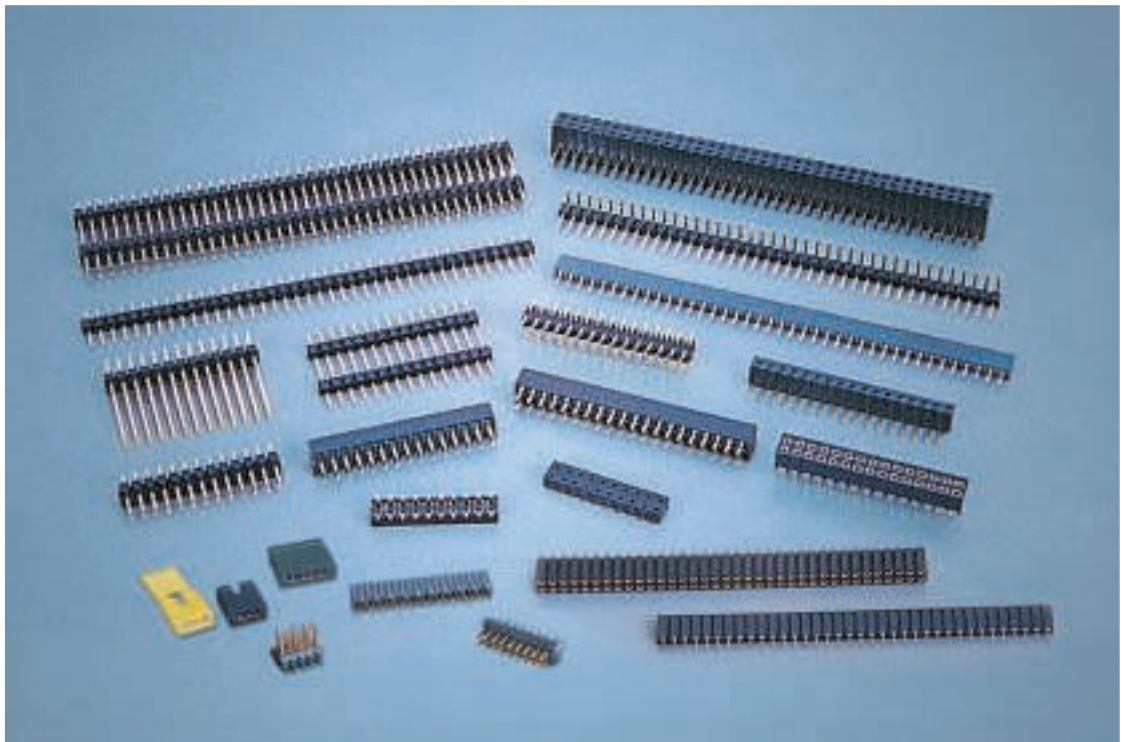


MOTHER BOARD TO DAUGHTER BOARD CONNECTORS



2.54MM(0.100") PITCH PIN HEADERS

P910 Series

Specifications

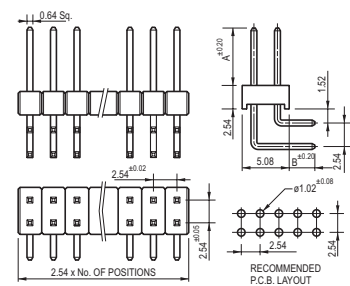
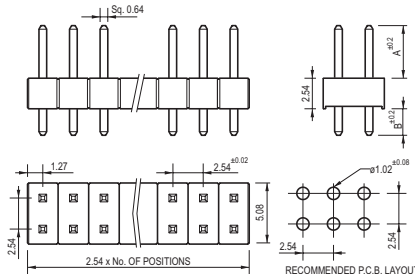
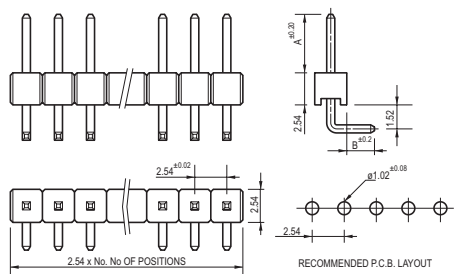
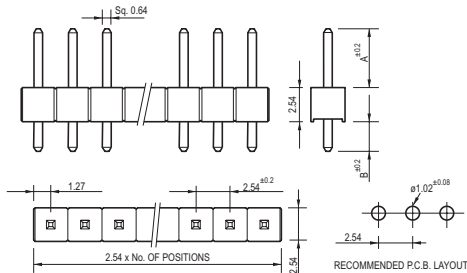
Current Rating	: 3A
Insulation Resistance	: 10000M Ω min.
Dielectric Withstanding	: 1000V AC/minute
Temperature Range	: -40°C to +105°C
Retention Force	: 1.0Kg min.
Applicable PC	
Board Thickness	: 0.8 to 1.6mm

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Glass Filled, Thermoplastic Polyester, UL94V-0

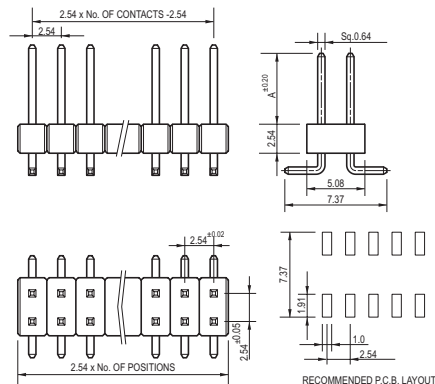
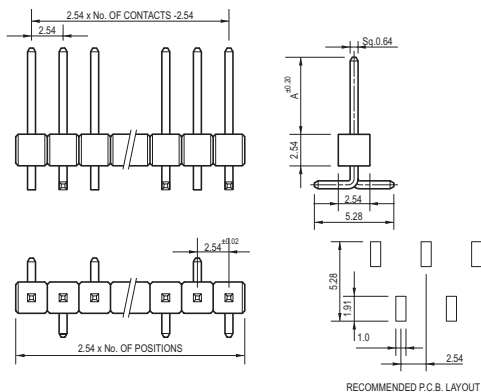
2.54mm Pitch(0.100") Pin Header Single Row/Double Row

P9101/P9102/P9103/P9104



2.54mm Pitch(0.100") Pin Header Surface Mount Single Row/Double Row

P9107/P9105



2.54MM(0.100") PITCH BOX HEADER

P960 Series

Specifications

Current Rating	: 3A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500V AC For 1 min
Temperature Range	: -40°C to +105°C

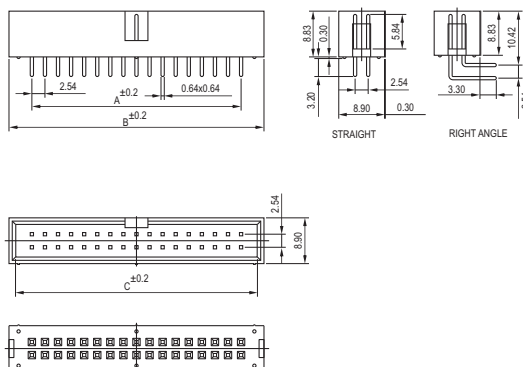
Material & Finish

Crimp Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL 94V-0

2.54mm (0.100") Pitch Box Header Double Row (Straight & Right angle)

P9603 & P9604

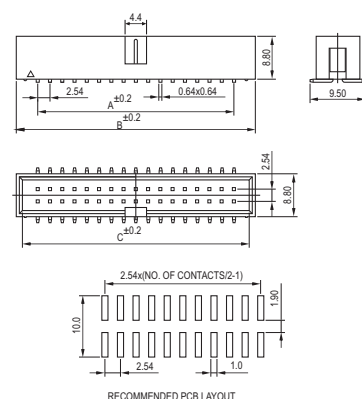
No. of Contacts	A	B	C
08	7.62	17.77	15.48
10	10.16	20.31	18.02
12	12.70	22.85	20.56
14	15.24	25.39	22.10
16	17.78	27.93	25.64
20	22.86	33.01	30.72
24	27.94	38.09	35.80
26	30.48	40.63	38.34
30	35.56	45.71	43.42
34	40.64	50.79	48.59
40	48.26	58.41	56.12
44	53.34	63.49	61.40
50	60.96	71.11	68.82
60	73.66	83.81	81.52
64	78.74	88.89	86.60



2.54mm (0.100") pitch Box Header Double Row Surface Mount

P9605

No. of Contacts	A	B	C
08	7.62	17.77	15.48
10	10.16	20.31	18.02
12	12.70	22.85	20.56
14	15.24	25.39	22.10
16	17.78	27.93	25.64
20	22.86	33.01	30.72
24	27.94	38.09	35.80
26	30.48	40.63	38.34
30	35.56	45.71	43.42
34	40.64	50.79	48.59
40	48.26	58.41	56.12
44	53.34	63.49	61.40
50	60.96	71.11	68.82
60	73.66	83.81	81.52
64	78.74	88.89	86.60



ORDERING INFORMATION

P960X-XX-15-X			
Series	Type of Row	Number of Contacts	Plating
P960	3=Double Row S/T 4=Double Row R/A 5=Double Row SMT	08, 10, 12, 14 16, 20, 24, 26 30, 34, 40, 44 50, 60, 64	1=Gold Flash 2=0.75μ Gold 4=5μ Tin 6=Gold flash on contact side & Tin on solder side

Note: For female headers with notch, contact factory

2.54MM(0.100") PITCH EJECTOR HEADER

Specifications

Current Rating	: 3A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Temperature Range	: -40°C to +105°C
Dielectric Withstanding	: 1000V Ac

Material & Finish

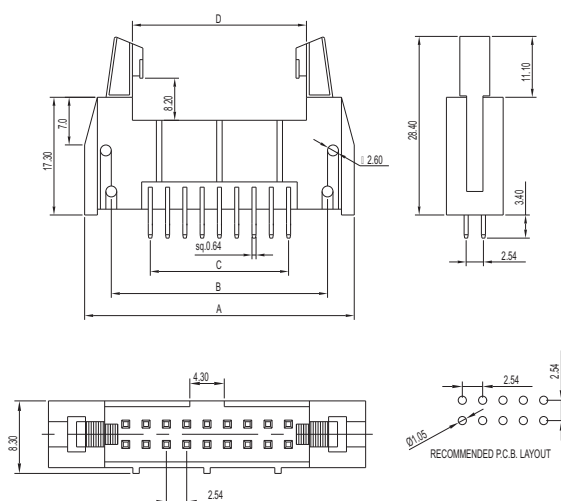
Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL 94V-0

P990 Series

2.54mm (0.100") Pitch Ejector Header Double Row (Straight)

P9903-XXA-15X1

No. of Contacts
10 to 64
Latch Type
L= Long Latch
S=Short Latch



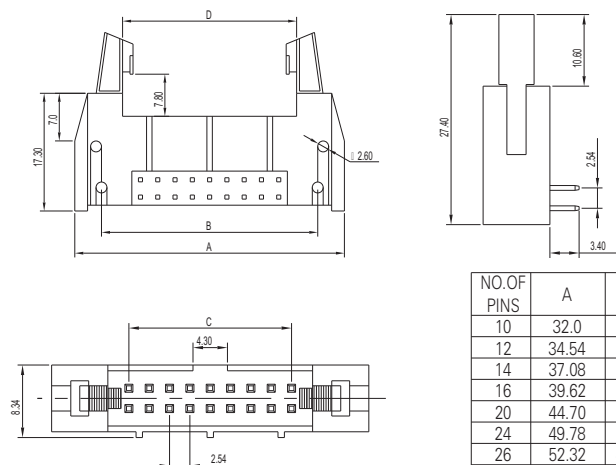
NO.OF CONTACTS(XX)	A	B	C	D
10	32.0	21.84	10.16	17.96
12	34.54	24.38	12.70	20.50
14	37.08	26.92	15.24	23.04
16	39.62	29.46	17.78	25.58
20	44.70	34.54	22.86	30.33
24	49.78	39.62	27.94	35.74
26	52.32	42.16	30.48	38.28
30	57.40	47.24	35.56	43.68
34	62.48	52.32	40.64	48.44
40	70.10	59.94	48.26	56.06
50	82.80	72.64	60.96	68.76
60	95.80	85.34	73.66	82.00
64	100.58	90.42	78.74	86.54



2.54mm (0.100") Pitch Ejector Header Double Row (Right Angle)

P9904-XXA-13X1

No. of Contacts
10 to 64
Latch Type
L= Long Latch
S=Short Latch



NO.OF PINS	A	B	C	D
10	32.0	21.84	10.16	17.96
12	34.54	24.38	12.70	20.50
14	37.08	26.92	15.24	23.04
16	39.62	29.46	17.78	25.58
20	44.70	34.54	22.86	30.33
24	49.78	39.62	27.94	35.74
26	52.32	42.16	30.48	38.28
30	57.40	47.24	35.56	43.36
34	62.48	52.32	40.64	48.44
40	70.10	59.94	48.26	58.06
50	82.80	72.64	60.96	68.76
60	95.50	85.34	73.66	81.46
64	100.58	90.42	78.74	86.54



2.54MM(0.100") PITCH DIP PLUG

Specifications

Current Rating	: 3 A
Contact Resistance	: 30mΩ max.
Insulation Resistance	: 1000MΩ min
Dielectric Withstanding	: 1000V AC for 1 minute
Temperature Range	: -55°C to +105°C

Material & Finish

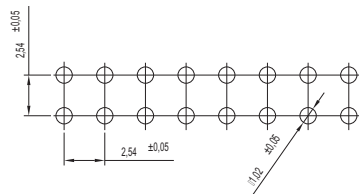
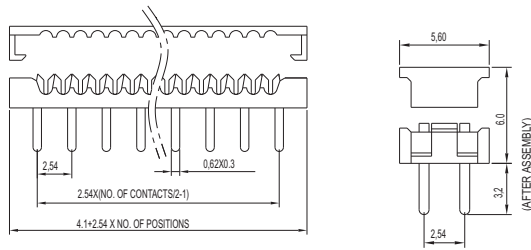
Contact	: Copper Alloy, Tin Plated
Insulator	: Polyester, UL 94V-0

P9403IDS Series

2.54mm Pitch DIP Plug

P9403IDSA-XX-24

No. of Contacts
10 to 60



RECOMMENDED PCB LAYOUT



2.54MM(0.100") PITCH MINI JUMPER/ 5.08MM PITCH MINI JUMPER

P920 Series

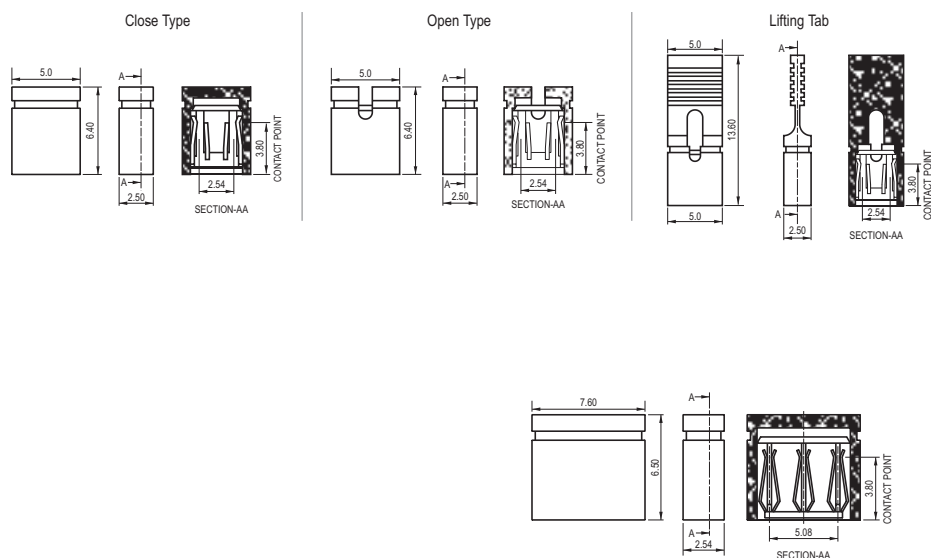
Specifications

Current Rating	: 3A
Contact Resistance	: 20mΩ max./30mΩ for 5.08mm pitch
Insulation Resistance	: 1000MΩ min.
Dielectric Withstanding	: 1000VAC for 1 min.
Temperature Range	: -40°C to +105°C
Insertion Force with Steel Pin 0.64Sq	: 0.4Kg max.
Extraction Force with Steel Pin 0.64Sq	: 0.07Kg min.
Mechanical Life	: 100 Cycles min.



Material & Finish

Contact	: Phosphor Bronze, Gold Plated
Insulator	: Glass Filled Thermoplastic Polyester



P922 Series



ORDERING INFORMATION

P920X-XX-XX			
	X	XX	XX
Series	Type of Insulator	Colour of Insulator	Plating
P920	1=Close Type	50=Black	21=Gold Flash
2.54mm	2=Open Type	52=Red	22=0.75μ Gold
Pitch	3=With Lifting Tab	54=Yellow	
		56=Blue	

ORDERING INFORMATION

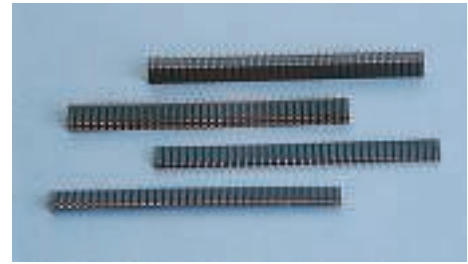
P922X-XX-XX			
	X	XX	XX
Series	Type of Insulator	Colour of Insulator	Plating
P922	1=Close Type	50=Black	21=Gold Flash
5.08mm Pitch		56=Blue	22=0.75μ Gold

2.54MM(0.100") PITCH FEMALE HEADERS (MACHINED SPRING CONTACTS)

P930 Series

Specifications

Voltage Rating	: 100V AC/150V DC
Current Rating	: 3A
Contact Resistance	: 10mΩ max.
Insulation Resistance	: 10000MΩ min.
Dielectric Withstanding	: 1000V rms.min.
Temperature Range	: -55°C to +105°C
Insertion Force/Contact	: 0.12Kg max.
Extraction Force/Contact	: 0.06Kg min.
Mechanical Life	: 500 Cycles min.
Measured with	: Ø0.76 Polished Steel Pin

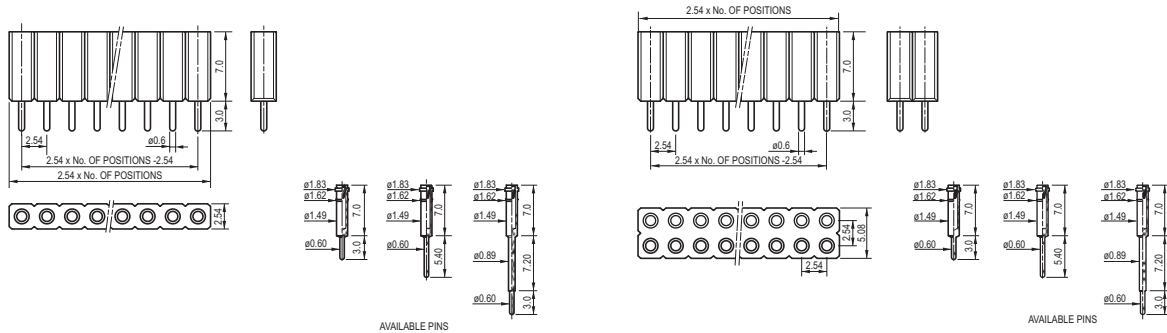


Material & Finish

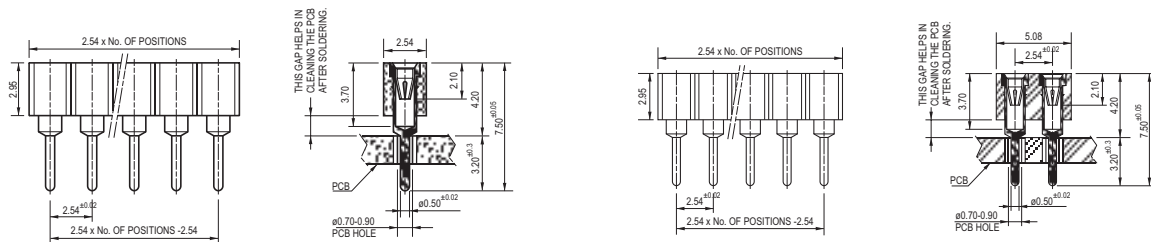
Inner Clip	: Beryllium Copper, Gold Plated (6 Finger Clip)
Outer Sleeve	: Brass, Tin Plated
Insulator	: Glass Filled Thermoplastic Polyester, UL94V-0

Single Row/Double Row

P9301 / P9303



P9305 / P9306



ORDERING INFORMATION

P930X-XX-XX-X						
Series	Type of Row	Number of Contacts	Type of Pin	Plating	Outer Sleeve	Profile
P930	1=Single Row S/T Profile:7.0mm 3=Double Row S/T Profile:7.0 5=Single Row S/T Profile: 2.9mm 6=Double Row S/T Profile: 2.9mm	01 to 36 For Single Row 02 to 72 For Double Row	1=PC Pin 3mm 2=PC Pin 5.4mm 3=PC Pin 10.2mm → 4=PC Pin 3mm (L=7.2mm)	1=0.25μ Au 2=0.75μ Au 3=5μ Sn 4=0.75μ Au	5μ Sn 5μ Sn 5μ Sn 0.25μ Au	1=2.9mm (Applicable for Type of row 5 & 6 only)
Note: For Right Angle Version, Check with Factory						

2.54MM(0.100") PITCH FEMALE HEADERS (FORMED CONTACTS)

P940 Series

Specifications

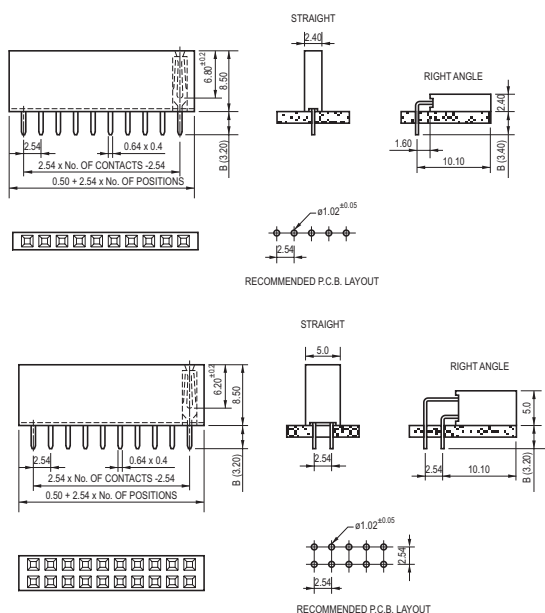
Current Rating	: 1A	Temperature Range	: -40°C to +105°C
Contact Resistance	: 20mΩ max.	Insertion Force/Contact	: 200gms max.
Insulation Resistance	: 5000MΩ min.	Extraction Force/Contact	: 20gms min.
Dielectric Withstanding	: 500V AC	Mechanical Life	: 100 Cycles min.

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

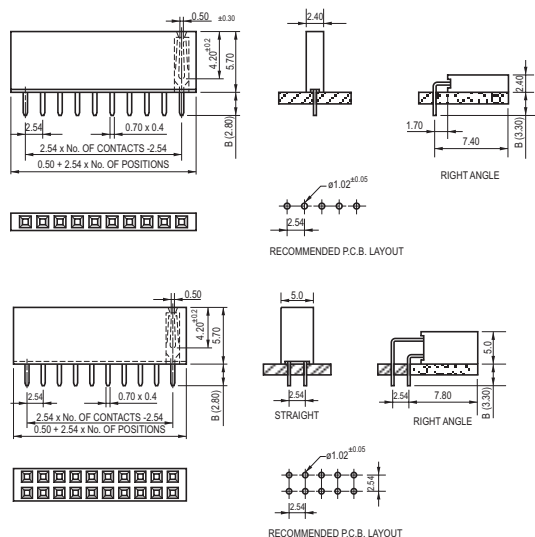
2.54mm Pitch(0.100") Female Header Single Row/Double Row Profile: 8.5mm

P9401/P9402/P9403/P9404



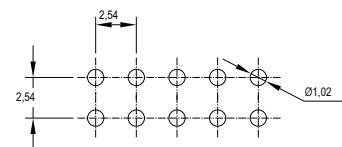
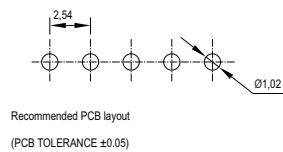
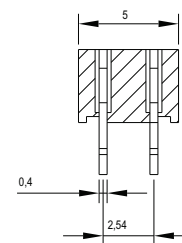
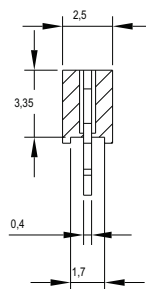
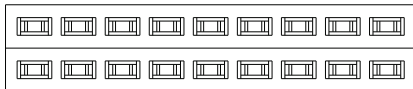
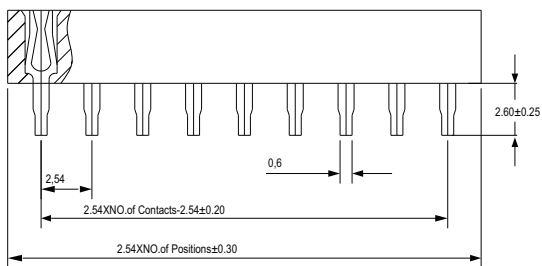
2.54mm Pitch(0.100") Female Header Single Row/Double Row Profile: 5.7mm

P9401A / P9402A / P9403A / P9404A



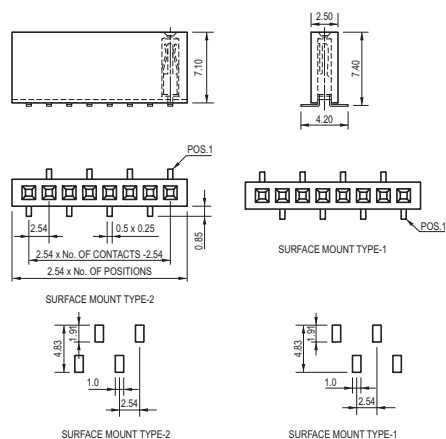
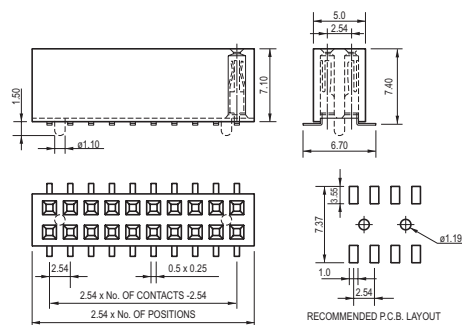
**2.54mm (0.100") Pitch Female Header Single Row/Double Row
Profile: 3.55mm**

P9401I/P9403I



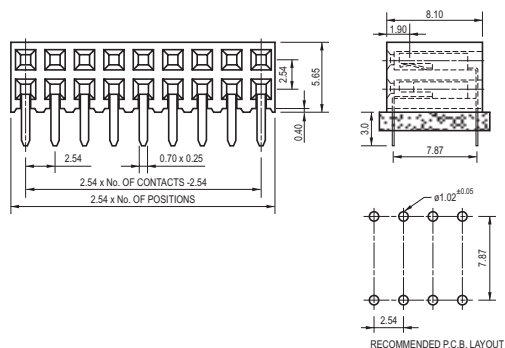
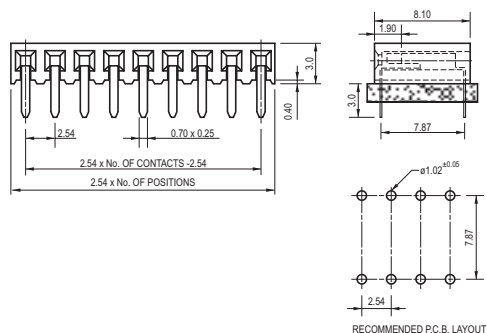
2.54mm Pitch(0.100") Female Header Surface Mount Single Row/Double Row Profile: 7.4mm

P9405/P9406



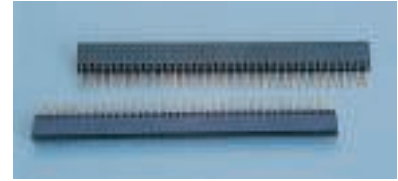
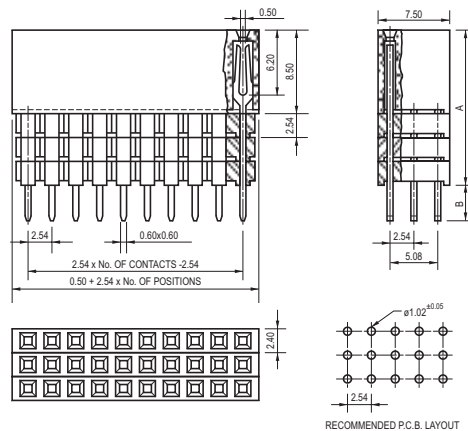
2.54x7.87mm Pitch Female Header Side Entry Single Row/Double Row

P9409 / P9410



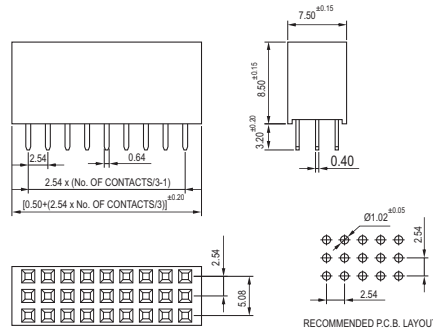
2.54mm Pitch(0.100") Female Header Elevated Type Single/Double/Triple Row

P940S / P940D / P940T



2.54mm Pitch (0.100") Female Header Triple Row, 8.5mm base

P940T



ORDERING INFORMATION

P94XXXXXXXXX					
Series	Type of Row	Profile	Number of Contacts	Tail Option	Plating
P94	01=Single Row S/T 02=Single Row R/A 03=Double Row S/T 04=Double Row R/A 05=Surface Mount DR 06=Surface Mount SR 09=2.54x7.87mm Pitch S/R Side Entry R/A 10=2.54x7.87mm Pitch DR Side Entry R/A 0S=Single Row Elevated Type 0D=Double Row Elevated Type 0T=Triple Row Elevated Type	"_" = Std 8.5mm A=5.7mm (Applicable to Type of row 01-04 only) I=3.55mm For Double Row "_" = Std 7.4mm B=7.4mm with Alignment For Single row "_" = Std 7.4mm SM1 Type A= 7.4mm SM2 Type "_" = Std 3.0mm "_" = Std 5.65mm Elevated Type X XX No. of Contacts 009 to 120	03 to 40 For Single Row 04 to 80 For Double Row (Applicable to Type of row 01-10 only)	For Straight "_" = Std 3.2mm 1=2.8mm/2.6mm 2=6.0mm 3=11.0mm For Right Angle "_" = Std 3.3mm 4=8.0mm 5=10.0mm (Applicable to Type of row 01-04 only) Otherwise indicate as " _" Elevated Type A/B A=11.05/2.3mm B=11.05/7.35mm C=11.05/12.2mm D=13.59/4.85mm E=13.59/9.65mm F=16.13/2.3mm G=15.13/7.1mm H=18.67/4.6mm I=16.13/4.6mm J=21.16/2.3mm K=16.13/7.10mm	21=Gold Flash 22=0.75μ gold 23=gold Flash on Contact Side & Tin on Solder Side 24=5μ tin

2.54MM(0.100") PITCH FEMALE HEADER 5MM BASE DUAL BEAM FOLDED CONTACT

P950 Series

Specifications

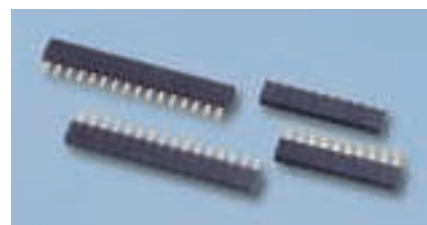
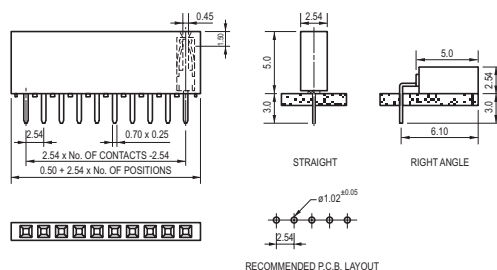
Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to +105°C
Insertion Force/Contact	: 200gms max.
Extraction Force/Contact	: 20gms min.
Mechanical Life	: 100 Cycles min.

Material & Finish

Contact	: Copper Alloy
Insulator	: Polyester, UL94V-0

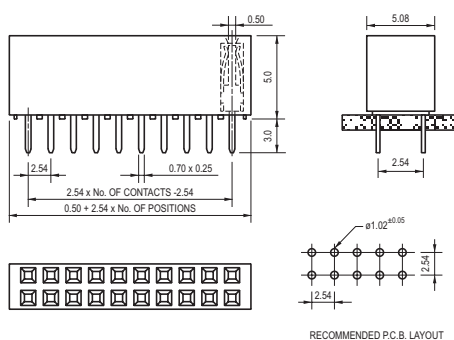
Single Row Straight/Right Angle

P9501 / P9502



Double Row Straight

P9503



ORDERING INFORMATION

P950X-XX-XX			
Series	Type of Row	Number of Contacts	Plating
P950	1=Single Row S/T 2=Single Row R/A 3=Double Row S/T	03 to 40 For Single Row 04 to 80 For Double Row	21= Gold Flash 22= 0.75μ Gold 23= Gold Flash on Contact side & Tin on Solder Side 24= 5μ Tin

2.54MM(0.100") PITCH FEMALE HEADER 8.5MM BASE WITH POLARISATION PAD

P970 Series

Specifications

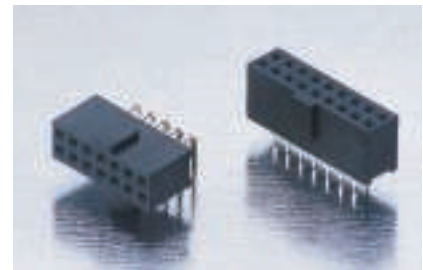
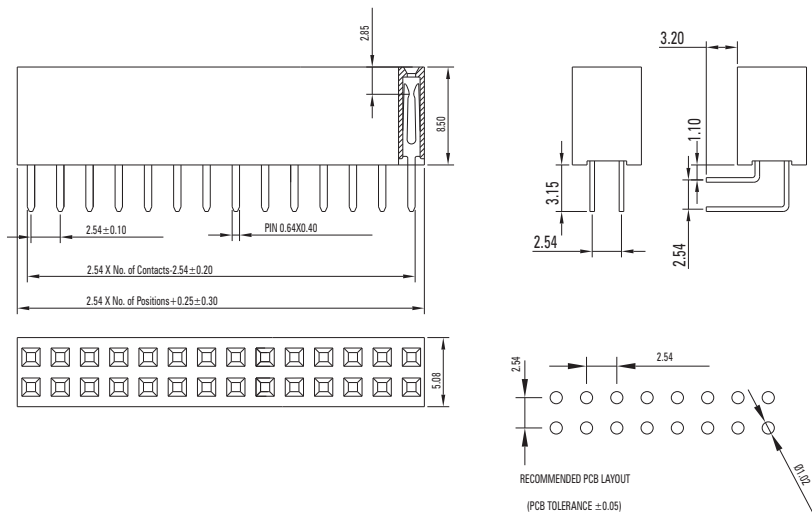
Current Rating	: 3 A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 1000MΩ min.
Dielectric Voltage	: 5000V AC For 1 minute
Temperature Range	: -40°C To +105°C

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

Double Row Straight/Right Angle

P9703/ P 9704



ORDERING INFORMATION

P970X-XX-21			
	X	XX	21
Series	Type of Row	Number of Contacts	Plating
P970	3=Double Row S/T 4=Double Row R/A	02 to 40	21=Gold Plated

2.54MM(0.100") IDC SOCKETS

P9403 Series

Specifications

Current Rating	: 3A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 1000V Ac For 1minute
Temperature Range	: -40°C To +105°C

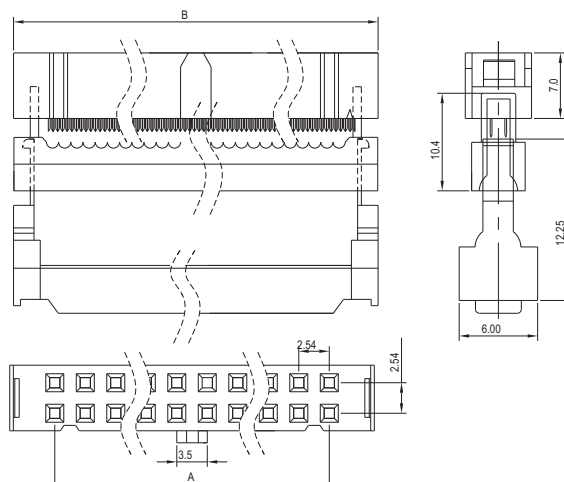
Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

IDC SOCKET 2.54mm PITCH DUAL ROW, WITH STRAIN RELIEF

P9403IDS-XX-21

No. of contacts	A	B
6	5.08	12.16
8	7.62	14.74
10	10.16	17.20
12	12.70	19.80
14	15.24	22.50
16	17.78	24.94
20	22.86	30.08
24	27.94	35.15
26	30.48	37.58
30	35.56	42.66
34	40.64	47.80
40	48.26	55.42
44	53.34	60.56
50	60.96	68.28
56	68.58	75.74
60	73.66	80.96
62	76.20	83.32
64	78.74	85.94



2.00MM(0.079") PITCH PIN HEADERS

P911 Series

Specifications

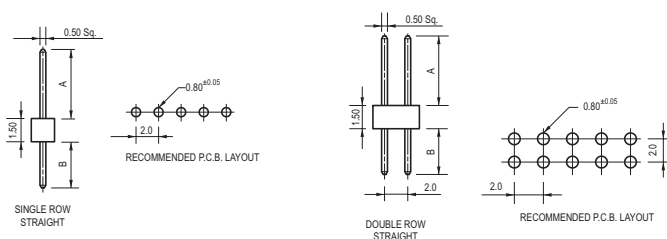
Current Rating	: 1A
Insulation Resistance	: 5000M Ω min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to +105°C
Retention Force	: 0.8Kg min.

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

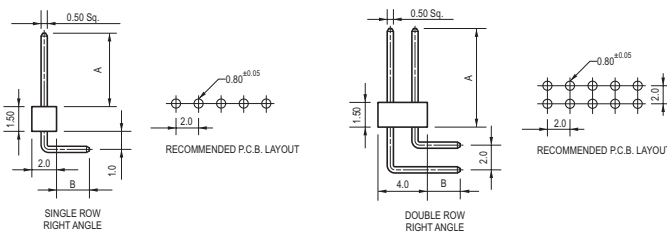
2.00mm Pitch(0.079") Pin Header Single Row/Double Row Straight

P9111 / P9113



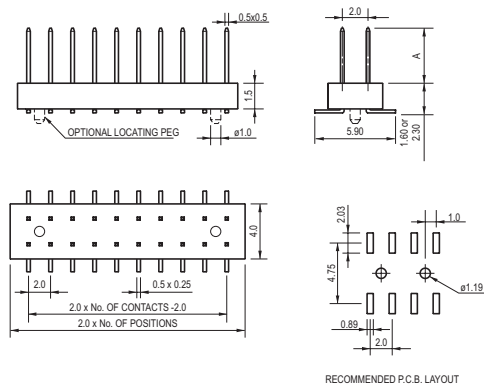
2.00mm Pitch(0.079") Pin Header Single Row/Double Row Right Angle

P9112 / P9114



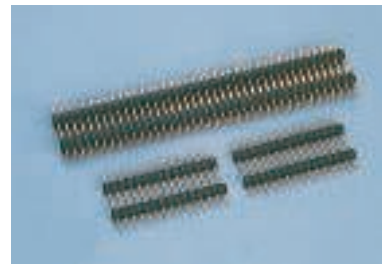
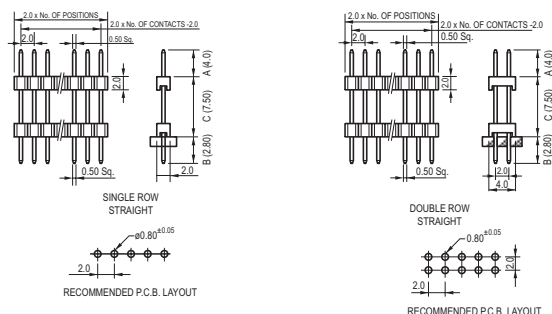
2.00mm Pitch(0.079") Pin Header Surface Mount Double Row

P9115



2.00mm Pitch(0.079") Pin Header Basic Stack Type Single Row/Double Row

P9119 & P9118



ORDERING INFORMATION

P911XXXXXXXX-X						
Series	Type of Row	Profile	Number of Contacts	PCB-PCB	A/B	Plating
P911	1=Single Row S/T 2=Single Row R/A 3=Double Row S/T 4=Double Row R/A 5=Surface Mount DR → 8=Basic Stack Type DR S/T 9=Basic Stack Type SR S/T	"—" =Std 1.5mm A=2.0mm "—" =Std 1.5mm With Alignment pin A=2.0 mm W/o Alignment pin B=1.5mm without Alignment pin C=2.0mm with Alignment pin D=3.0mm	02 to 40 For Single Row 04 to 80 For Double Row	Specify Length (Applicable For type of row 8 & 9 only) Otherwise indicate as "—"	01=3.2/2.8 02=3.2/3.5 13=4.0/13.5 11=4.0/2.8 15=4.0/2.4 For Others Specify A & B Dim.	1=Gold Flash 2=0.75μ Gold 3=Gold Flash on Contact Side & Tin on Solder Side 4=5μ Tin
Note : For Surface Mount Type, Specify Above/Below Length (End to End)						

2.00MM (0.079") PITCH BOX HEADER

P961 Series

Specifications

Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500VAC
Temperature Range	: -40°C to +105°C

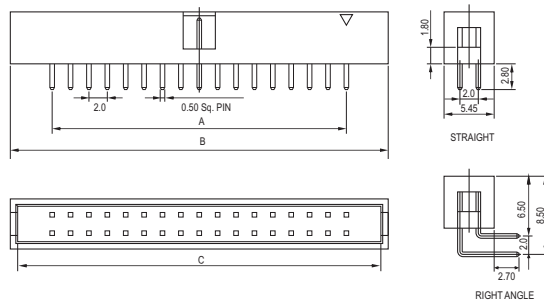
Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL 94V-0

2.00mm (0.079") Pitch Box Header Double Row (Straight & Right Angle)

P9613 & P9614

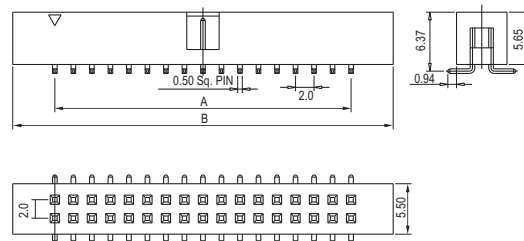
Pins	Dim. A	Dim. B	Dim. C
08	6.00	15.20	14.0
10	8.00	17.10	16.0
12	10.00	19.10	18.0
14	12.00	21.10	20.0
16	14.00	23.10	22.0
20	18.00	27.10	26.0
22	20.00	29.10	28.0
24	22.00	31.10	30.0
26	24.00	33.10	32.0
30	28.00	37.10	36.0
32	30.00	39.10	38.0
34	30.00	41.10	40.0
36	34.00	43.10	42.0
40	38.00	47.00	46.0
44	42.00	51.00	50.0
50	48.00	57.10	56.0
60	58.00	67.10	66.0
64	62.00	70.10	70.0



2.00mm (0.079") Pitch Box Header Double Row Surface Mount

P9615

For Dim A & Dim B refer above table



ORDERING INFORMATION

P961X-XX-81-X			
Series	Type of Row	Number of Contacts	Plating
P961	3=Double Row S/T 4=Double Row R/A 5=Double Row SMT	08, 10, 12, 14, 16, 20 22, 24, 26, 30, 32 34, 36, 40, 44, 50 60, 64, 68	1=Gold Flash 2=0.75μ Gold 4=5μ Tin 6=Gold flash on contact side & Tin on solder side

Note: For female headers with notch, contact factory.

2.00MM(0.079") PITCH DIP PLUG

Specifications

Current Rating	: 1A
Contact Resistance	: 20m Ohms Max
Insulation Resistance	: 5000 Mohms Min
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C To +105°C
Insertion Force	: 0.7N Avg.
Withdrawal Force	: 0.5N Avg.
Mechanical Life	: 100 Cycles Min.

Material & Finish

Insulator Body	: Glass Filled Polyester, UL94V-0
Contact	: Copper Alloy, Tin Plated

P9413IDS Series

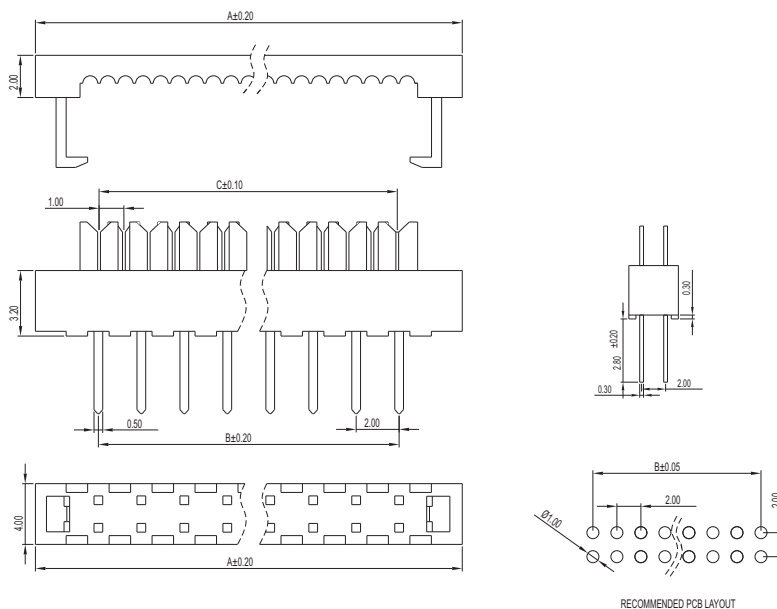
2.0mm Pitch DIP Plug

P9413IDSA-XX-24

No. of Contacts
08 to 34

No of Contacts	Dimensions		
	A	B	C
8	12.10	6.00	7.00
10	14.10	8.00	9.00
12	16.10	10.00	11.00
14	18.10	12.00	13.00
16	20.10	14.00	15.00
18	22.10	16.00	17.00
20	24.10	18.00	19.00
22	26.10	20.00	21.00
24	28.10	22.00	23.00
26	30.10	24.00	25.00
28	32.10	26.00	27.00
30	34.10	28.00	29.00
32	36.10	30.00	31.00
34	38.10	32.00	33.00

No of Contacts	Dimensions		
	A	B	C
36	40.10	34.00	35.00
38	42.10	36.00	37.00
40	44.10	38.00	39.00
42	46.10	40.00	41.00
44	48.10	42.00	43.00
46	50.10	44.00	45.00
48	52.10	46.00	47.00
50	54.10	48.00	49.00
52	56.10	50.00	51.00
54	58.10	52.00	53.00
56	60.10	54.00	55.00
58	62.10	56.00	57.00
60	64.10	58.00	59.00



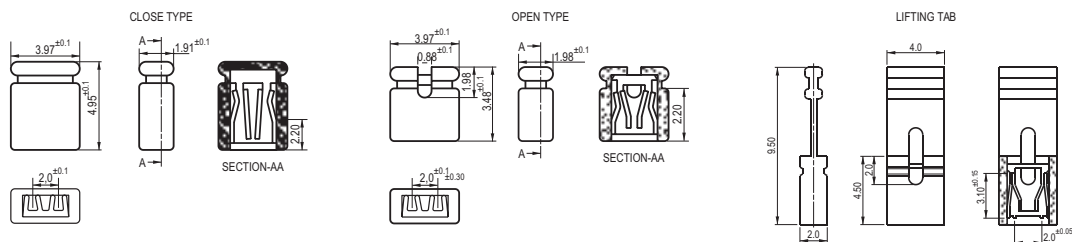
2.00MM(0.079") PITCH MINI JUMPER P921 Series

Specifications

Current Rating	: 3A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 1000MΩ min.
Dielectric Withstanding	: 500VAC for 1 min.
Temperature Range	: -40°C to +105°C

Material & Finish

Contact	: Phosphor Bronze, Gold Plated
Insulator	: Glass Filled Thermoplastic Polyester



ORDERING INFORMATION

P921X-XX-XX			
	X	XX	XX
Series	Type of Insulator	Colour of Insulator	Plating
P921	1=Close Type 2=Open Type 3=Lifting tab	50=Black 52=Red 56=Blue	21=Gold Flash 22=0.75μ Gold
Note: For lifting tab, only black and blue colour available			

2.00MM(0.079") PITCH FEMALE HEADERS (FORMED CONTACTS)

P941Series

Specifications

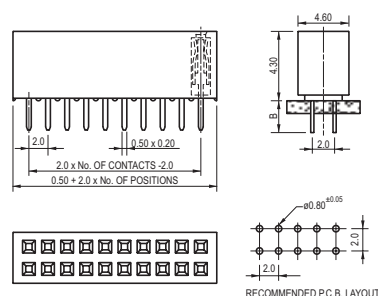
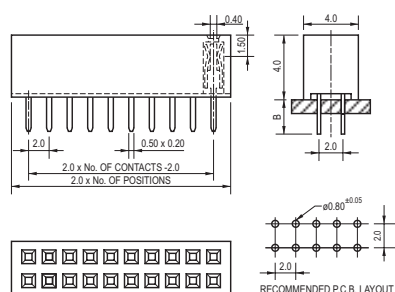
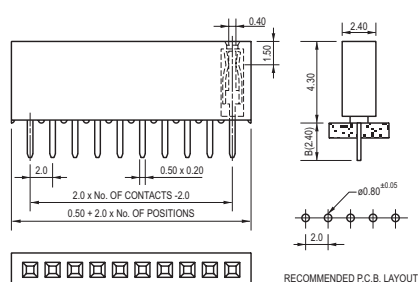
Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to +105°C
Insertion Force/Contact	: 0.07Kg Avg
Extraction Force/Contact	: 0.05Kg Avg
Mechanical Life	: 100 Cycles min.

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL-94V-0

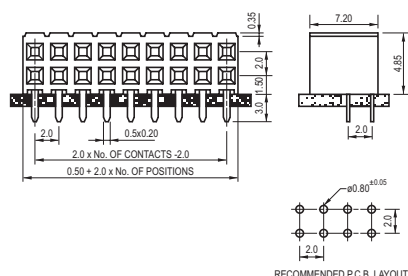
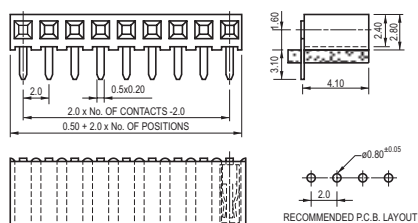
2.00mm(0.079") Pitch Female Header Single Row/Double Row Straight Profile: 4.0mm & 4.3mm

P9411 / P9413



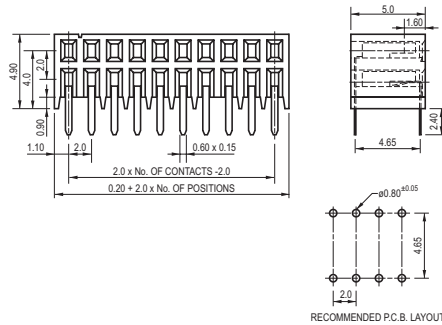
2.00mm(0.079") Pitch Female Headers Single Row/Double Row Right Angle Profile: 4.3mm & 4.85mm

P9412 / P9414



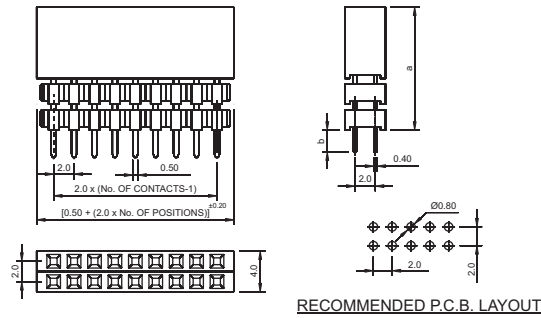
2.00mm(0.079") Pitch Female Header Side Entry Double Row with Polarization

P9417



2.00mm Pitch(0.079") Female Header Elevated Type / Double Row

P941D



Note: customized elevated available

ORDERING INFORMATION

P941X X XX X XX					
Series	Type of Row	Profile	Number of Contacts	Tail Option	Plating
P941	1=Single Row S/T 2=Single Row R/A 3=Double Row S/T 4=Double Row R/A	- =Std 4.0mm A=4.3mm B=4.85mm (Applicable to Type of row 04 only) C=6.35mm	04 to 40 For Single Row 04 to 80 For Double Row	For Straight - =Std 2.4mm 1=1.2mm 2=3.2mm For Right Angle - =Std 3.0mm (Applicable to Type of row 04 only) - = Std=2.4mm	21=Gold Flash 22=5μ Tin 23=Gold Flash On Contact Side & Tin On Solder Side
	7=Double Row Side Entry	- =Std 4.9mm			
	D=Double Row Elevated Type	→ 0	Elevated Type XX No. Of Contacts 02 to 80	A/B (Elevated) B= 8.30/3.28mm C= 10.30/3.15mm D= 12.30/3.20mm E= 9.0/2.28mm F= 11.0/2.28mm G= 9.35/2.28mm I= 7.80/4.0mm J= 12.70/8.90mm	

2.00MM(0.079") PITCH FEMALE HEADER 4.0 MM BASE WITH POLARISATION PAD

P9713 Series

Specifications

Current Rating	: 1 A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Voltage	: 500V AC for 1 minute
Temperature Range	: -40°C To +105°C

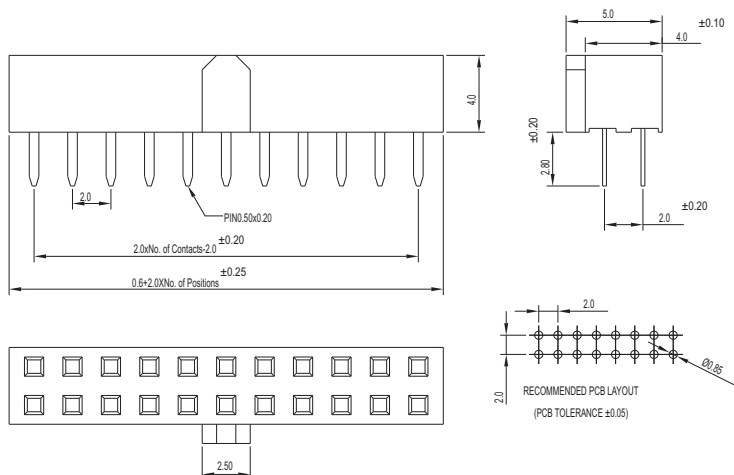
Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

Double Row Straight

P9713-XX-21

No. of Contacts
022 to 40



2.00MM (0.079") PITCH FEMALE HEADERS (FORMED CONTACTS) SURFACE MOUNT

P9415 & P9416 Series

Specifications

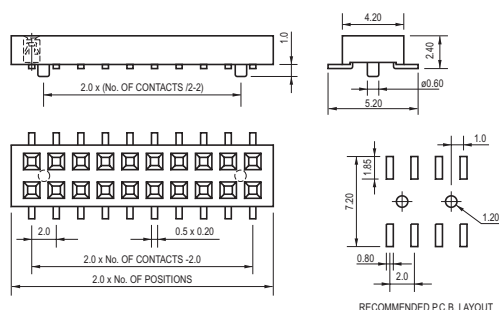
Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to +105°C
Insertion Force/Contact	: 0.07Kg Avg
Extraction Force/Contact	: 0.05Kg Avg
Mechanical Life	: 100 Cycles min.

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL-94V-0

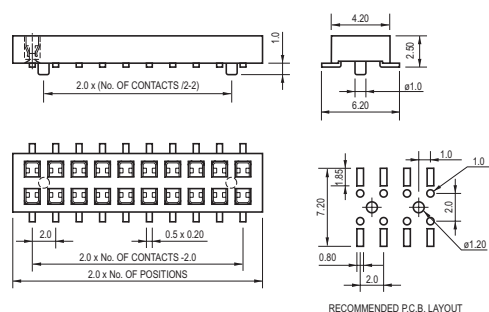
2.00mm(0.079") Pitch Female Header Double Row Surface Mount 2.4mm Base

P9415



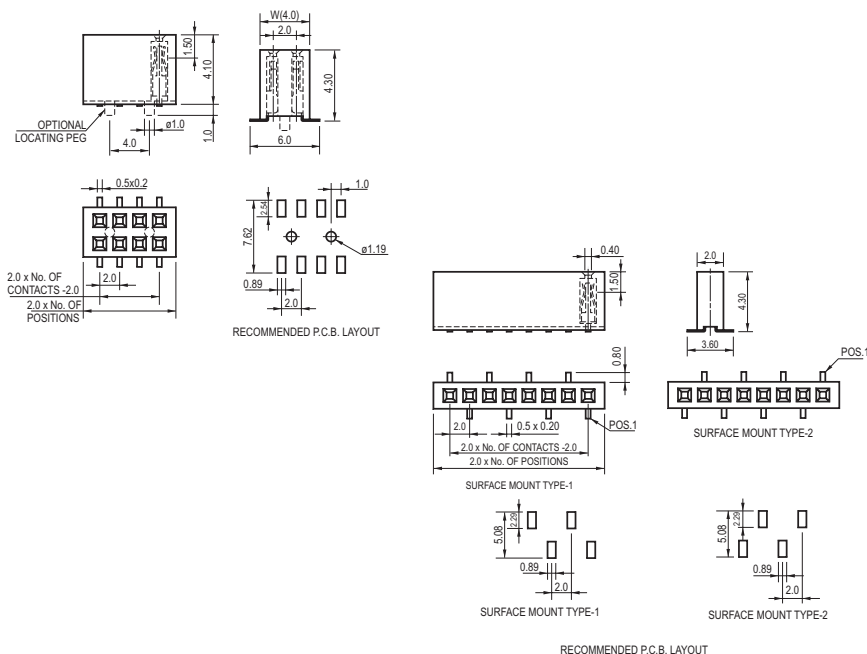
2.00mm(0.079") Pitch Female Header Double Row Surface Mount 2.5mm Base Bottom Entry

P9415A



2.00mm(0.079") Pitch Female Header Single Row/Double Row Surface Mount 4.3mm Base

P9415B & P9416



ORDERING INFORMATION

P941XXXX-XX				
Series	X	X	XX	XX
	Type of Row	Profile	Number of Contacts	Plating
P941	5=Surface Mount DR 6=Surface Mount SR	"_" =Std 2.2mm A=2.5mm Bottom Entry with Alignment B=4.3mm C=2.5mm Bottom Entry without alignment D=2.2mm with Alignment pin E=4.3mm with Alignment pin (Applicable to Type of row 5 only) F=9.0mm w/o alignment For Type of Row 6 only "_" =Std 4.3mm, SM1 Type A=Std 4.3mm, SM2 Type	04 to 25 For Single Row 06 to 80 For Double Row *For Bottom Entry 10 to 60	21=Gold Flash 22=0.75 μ Gold 23= Gold Flash on Contact Side & Tin on Solder Side 24= 5 μ Tin

2.00MM (0.079") PITCH IDC SOCKET

Specifications

Current Rating	:	1A
Contact Resistance	:	30mΩ max.
Insulation Resistance	:	1000MΩ min.
Dielectric Withstanding	:	500V AC For 1minute
Temperature Range	:	-55°C To +105°C

Material & Finish

Contact	:	Copper Alloy, Gold Plated
Insulator	:	Polyester, UL94V-0

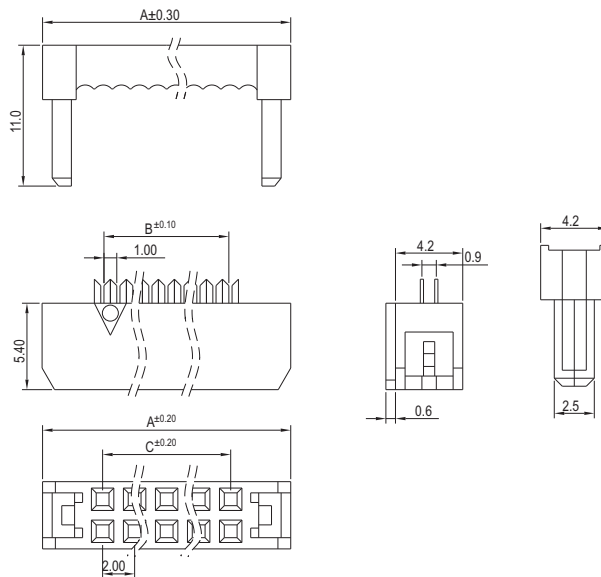
P9413IDS Series

2.00mm Pitch, IDC Socket With Strain Relief

P9413IDS-XX-21

XX=NO. OF CONTACTS
06 to 100

No of Contacts	Dimensions			No of Contacts	Dimensions		
	A	B	C		A	B	C
6	11.20	5.00	4.00	36	41.20	35.00	34.00
8	13.20	7.00	6.00	38	43.20	37.00	36.00
10	15.20	9.00	8.00	40	45.20	39.00	38.00
12	17.20	11.00	10.00	44	49.20	43.00	42.00
14	19.20	13.00	12.00	48	53.20	47.00	46.00
16	21.20	15.00	14.00	50	55.20	49.00	48.00
18	23.20	17.00	16.00	54	59.20	53.00	52.00
20	25.20	19.00	18.00	56	61.20	55.00	54.00
22	27.20	21.00	20.00	60	65.20	59.00	58.00
24	29.20	23.00	22.00	62	67.20	61.00	60.00
26	31.20	25.00	24.00	64	69.20	63.00	62.00
28	33.20	27.00	26.00	68	73.20	67.00	66.00
30	35.20	29.00	28.00	80	85.20	79.00	78.00
32	37.20	31.00	30.00	100	105.20	99.00	98.00
34	39.20	33.00	32.00				



1.27X1.27MM PITCH PIN HEADERS

P913 Series

Specifications

Current Rating : 1A
Insulation Resistance : 5000M Ω min.

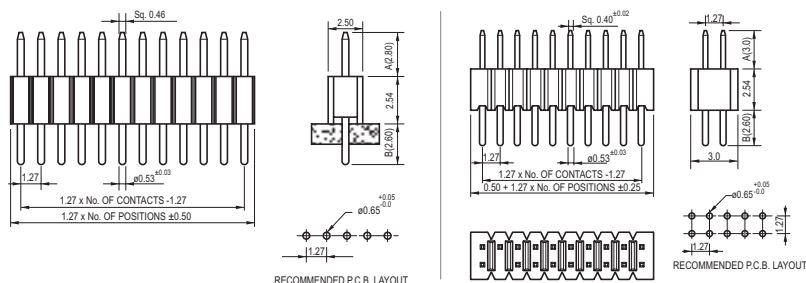
Dielectric Withstanding : 500V AC
Temperature Range : -40°C to +105°C

Material & Finish

Contact : Copper Alloy, Gold Plated
Insulator : Polyester, UL94V-0

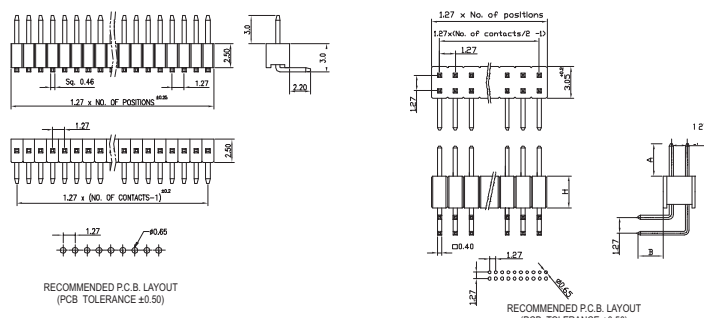
1.27x1.27mm Pitch Pin Header Single Row/Double Row Straight

P9131 / P9133



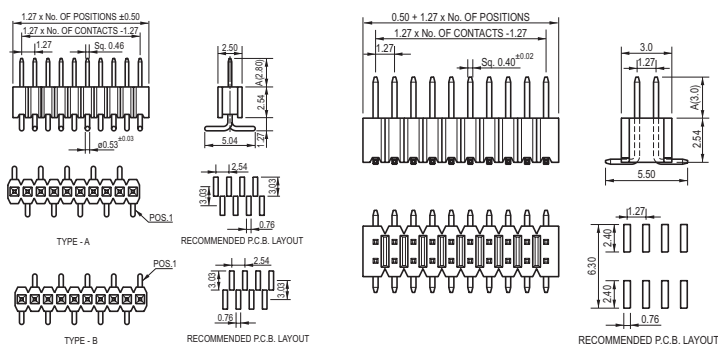
1.27x1.27mm Pitch Pin Header Single Row/Double Row Right Angle

P9132 / P9134



1.27x1.27mm Pitch Pin Header Surface Mount Single Row/Double Row

P9136 / P9135



ORDERING INFORMATION

P913XXXXXX-X					
Series	Type of Row	Profile	Number of Contacts	A/B	Plating
P913	1=Single Row S/T 2=Single Row R/A 3=Double Row S/T 4=Double Row R/A 5=Surface Mount DR 6=Surface Mount SR Type A A=1.27x2.54mm B=Surface mount SR Type B	"-"-=Std 2.54mm A=1.7mm, 1.5 B=3.0mm C=3.4mm D=3.95mm E=2.9mm F=2.0mm (Applicable to Type of row 1 to 6 & B only) G=1.0mm with alignment Pin H=1.15mm I=1.4mm	003 to 032 For Single Row 006 to 100 For Double Row	24=2.8/2.6 54=6.0/2.6 57=6.0/3.0 (Applicable to Type of row 1 to 3 only) 36=3.0/2.2 (For type of row 2) 35=3.0/2.3 (For type of row 4) BB=5.8/10.0 (applicable for type of Row 'A' only)	1=Gold Flash 2=0.75 μ Gold 3=Gold Flash on Contact Side Tin on Solder Side 4=5 μ Tin

Note: For Surface Mount Type, Specify Above/Below Length (End to End)

1.27x1.27MM PITCH BOX HEADER, 5.7MM BASE

P963 Series

Specifications

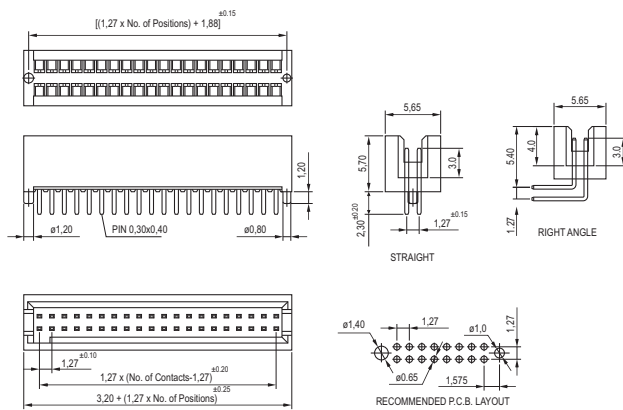
Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500VAC
Temperature Range	: -40°C to +105°C

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL 94V-0

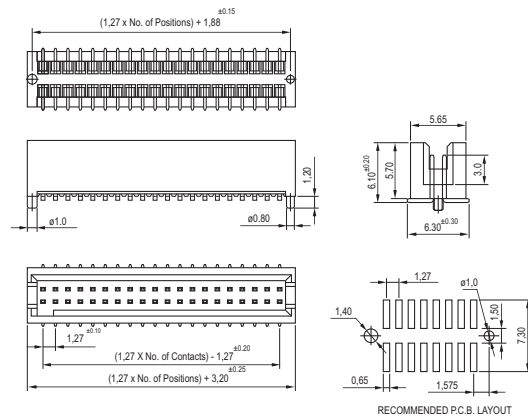
1.27x1.27mm Pitch Box Header Double Row (Straight & Right angle)

P9633 & P9634



1.27x1.27mm pitch Box Header Double Row Surface Mount

P9635



ORDERING INFORMATION

P963X-XX-35-X X				
Series	Type of Row	Number of Contacts	Plating	Alignment Option
P963	3=Double Row S/T 4=Double Row R/A 5=Double Row SMT	006-100	1= Gold Flash 2=0.75μ Gold 4=5μ Tin 6=Gold flash on contact side & Tin on solder side	'Blank' = w/o Alignment pin A=With Alignment pin

1.27x1.27MM PITCH BOX HEADER FOR IDC

P963 Series

Specifications

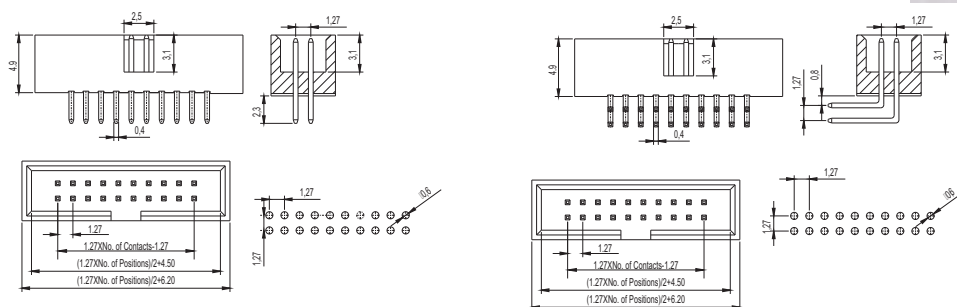
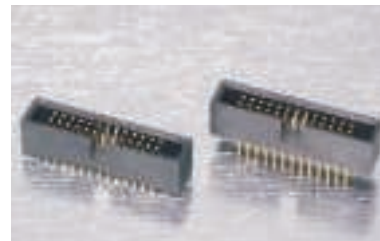
Current Rating	: 1A
Contact Resistance	: 20mΩ max.
Insulation Resistance	: 1000MΩ min.
Dielectric Withstanding	: 500V AC for 1 minute
Temperature Range	: -40°C to +105°C

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL 94V-0

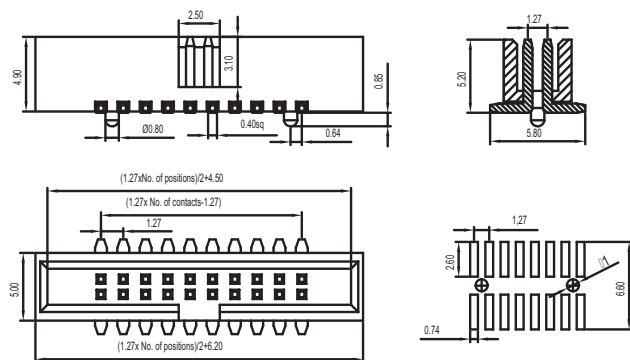
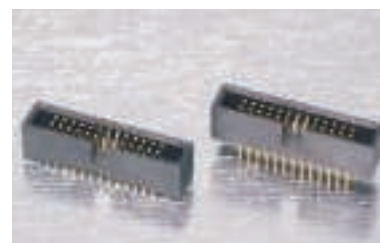
1.27x1.27mm Box Header, Dual Row (straight & Right Angle)

P9633S/ P9634S



1.27 x 1.27 mm Pitch Box Header Double Row Surface Mount

P9635S



ORDERING INFORMATION

P963XSXXX-35-XX

Series	Type of Row	No. Of Contacts	Plating	Alignment Option
P963	3=Double Row S/T 4=Double Row R/A 5=Double Row SMT	006-100	1= Gold Flash 2=0.75μ Gold 4=5μ Tin 6=Gold flash on contact side & Tin on solder side	'Blank' = w/o Alignment pin A=With Alignment pin

1.27MM PITCH MINI JUMPER

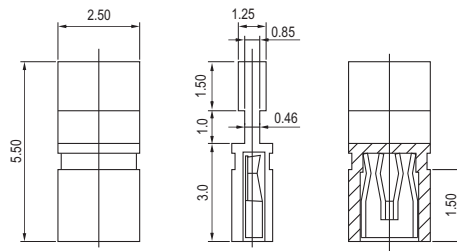
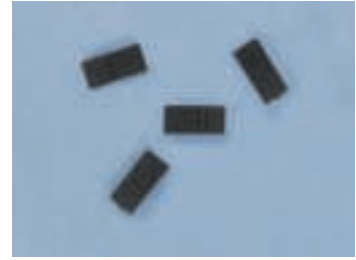
P923 Series

Specifications

Current Rating	: 2A
Contact Resistance	: 30mΩ max
Insulation Resistance	: 1000MΩ min
Dielectric Withstanding	: 650V AC
Temperature Range	: -55°C to +105°C

Material & Finish

Contact	: Phosphor Bronze, Gold Plated
Insulator	: Glass Filled Thermoplastic Polyester, UL 94V-0



ORDERING INFORMATION

P923X-XX-2X			
	X	XX	X
Series	Type of Insulator	Color of the insulator	Plating
P923	1=Lifting Tab	50=Black 52=Red 56=Blue	1= Gold Flash

1.27X1.27MM PITCH FEMALE HEADERS

P943 Series

Specifications

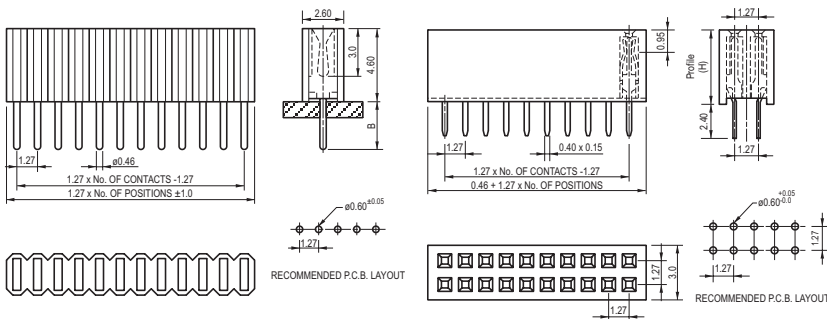
Current Rating	: 1A
Insulation Resistance	: 5000M Ω min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to +105°C

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

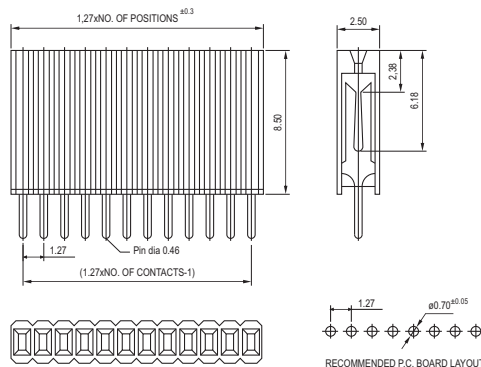
1.27x1.27mm Pitch Female Header Single Row/Double Row Straight

P9431 / P9433



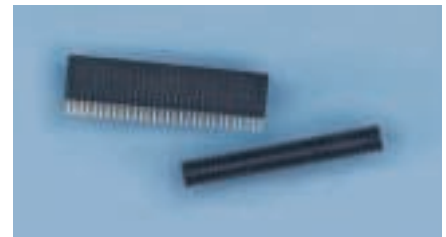
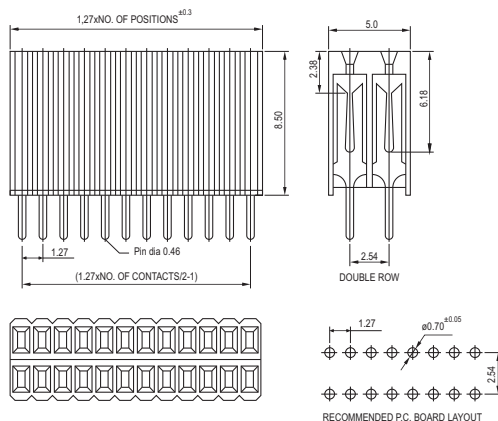
1.27mm Pitch Female Header Single Row Profile: 8.5mm

P9431D



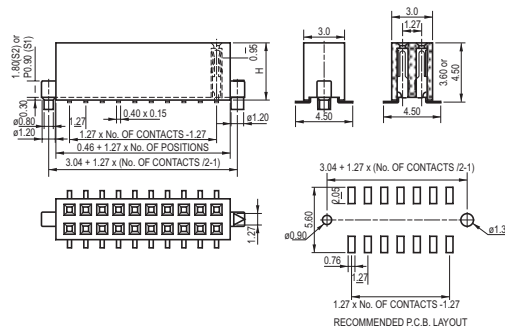
1.27x2.54mm Pitch Female Header Double Row Profile: 8.5mm

P943BD



1.27x1.27mm Pitch Female Header Surface Mount Double Row

P9435



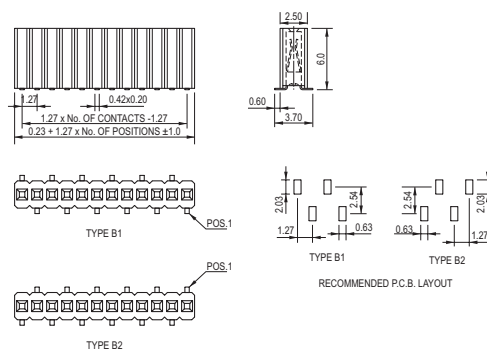
ORDERING INFORMATION

P943XXXXXX-XX					
Series	Type of Row	Profile	Number of Contacts	Tail Length	Plating
P943	1=Single Row S/T 3=Double Row S/T 5=Surface Mount DR B=1.27x2.54mm Double Row s/t	For Single Row "-" =Std 4.6mm For Double Row A=3.4mm B=4.3mm D=8.5mm (for type of Row 1&B only)	006 to 040 For Single Row 006 to 100 For Double Row	For Single Row 1=1.5mm 2=2.4mm 3=3.0mm For Double Row A=With Alignment L=With Locking Clip "-" =Without Alignment 4=2.7mm (for type of Row 1&B only)	21=Gold Flash 22=0.75μ Gold 23=Gold Flash on Contact Side & Tin on Solder Side 24=5μ Tin

1.27x1.27mm Pitch Female Header Surface Mount Single Row

Profile:5.8mm

P9436



ORDERING INFORMATION

P9436-XX-X-XX			
Series	Number of Contacts	Surface Mount Type	Plating
P9436 Single Row	03 to 50	1=B1 Type 2=B2 Type	21=Gold Flash 22=0.75μ Gold 23=Gold Flash on Contact side & Tin on Solder Side 24=5μ Tin

1.27X1.27MM PITCH IDC SOCKETS

P9433 IDS Series

Specifications

Current Rating	: 1A
Contact Resistance	: 20m Ω max.
Insulation Resistance	: 5000M Ω min.
Dielectric Withstanding	: 500V AC
Temperature Range	: -40°C to + 65°C

Material & Finish

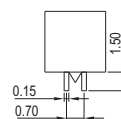
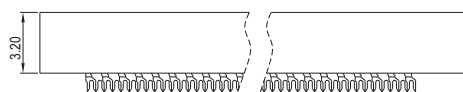
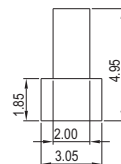
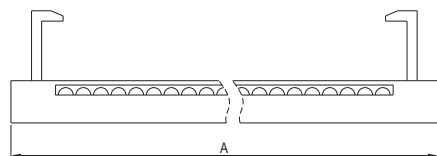
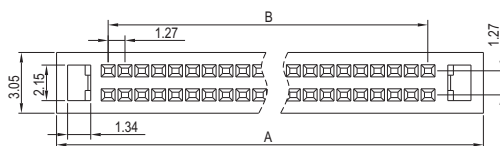
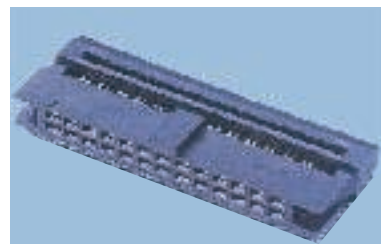
Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

1.27X1.27mm PITCH IDC SOCKET WITH STRAIN RELIEF

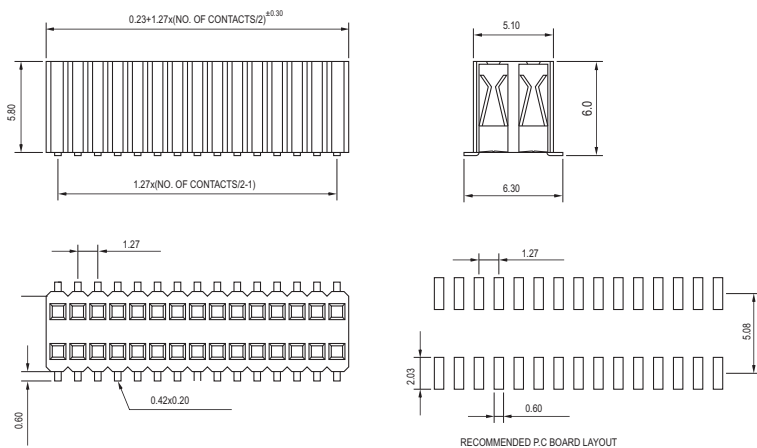
P9433IDSXXX-21

XXX=No. Of Contacts

No of Contacts	Dimensions	
	A	B
10	10.54	5.08
12	11.81	6.35
20	16.89	11.43
26	20.70	15.24
30	23.24	17.78
34	25.78	20.32
40	29.59	24.13
44	32.13	26.67
50	35.94	30.48
60	42.29	36.83
68	47.37	41.91
80	54.99	49.53



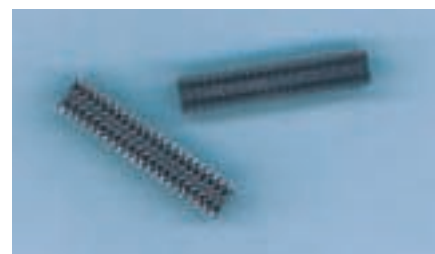
1.27x2.54MM PITCH FEMALE HEADER DOUBLE ROW SURFACE MOUNT 5.8MM BASE P943 Series



P943A-XXX-21

No. of Contacts
006 to 100

Gold Flash



1.0MM PITCH PIN HEADERS

P914 Series

Specifications

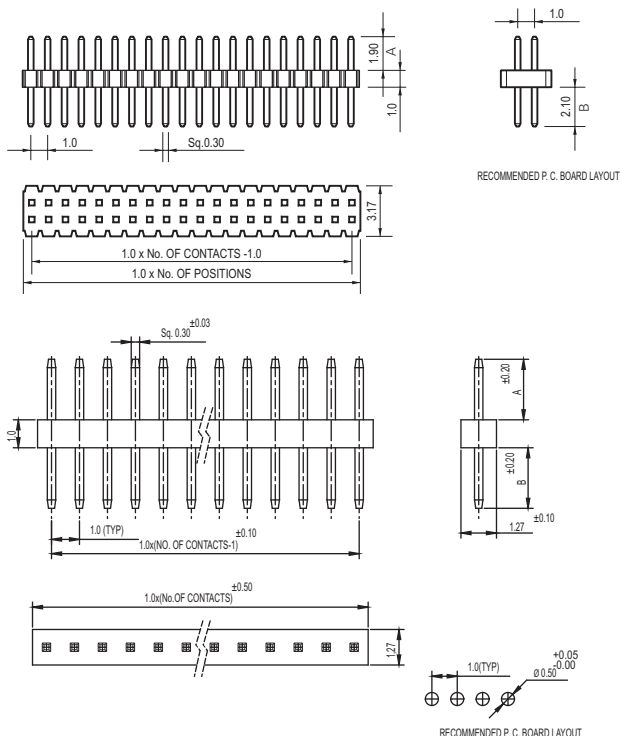
Current Rating	: 1A
Contact Resistance	: 40mΩ max.
Insulation Resistance	: 5000MΩ min. At 500V
Dielectric Withstanding	: 500V AC at 1 Minute
Temperature Range	: -40°C to +105°C

Material & Finish

Contact: Copper Alloy, Gold Plated
Insulator: Polyester, UL94V-0

1.0mm Pitch Pin Header Double Row Straight

P9141/ P9143

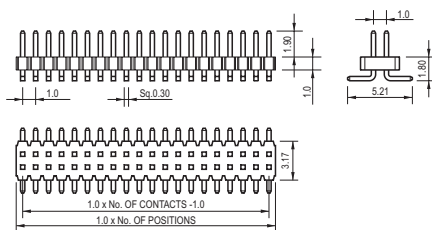


ORDERING INFORMATION

P914X-XXXXX-X				
X XXX XX XX				
Series	Type of Row	No. Of Contacts	A/B	Plating
P914	1= Single Row	002 - 050	66= 2.00/2.00	21=Gold Flash
	3= Double Row	For Single Row	6J = 2.00/1.20	23=Gold Flash on Contact side &
		002 - 100	DA= 6.60/3.30	Tin on Solder Side
		For Double Row		

1.0mm Pitch Pin Header Surface Mount Double Row

P9145-XXX62-X



No. of Contacts:
010 to 120

Plating:
1=Gold Flash
3=Gold Flash on
Contact Side &
Tin on Solder Side
4=5 μ Tin

1.0MM PITCH FEMALE HEADERS

P944 Series

Specifications

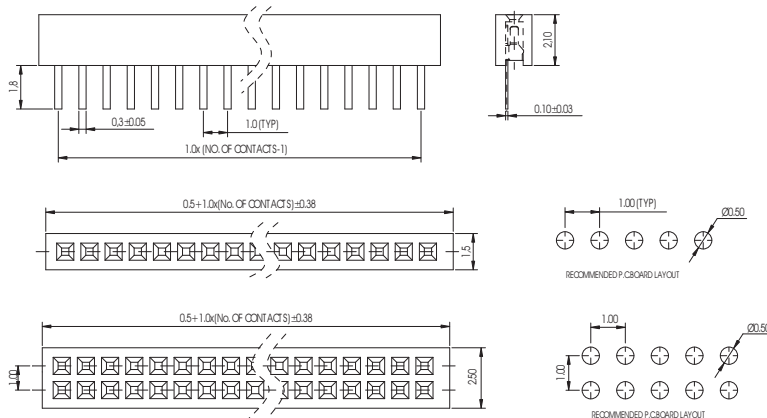
Current Rating	: 1A
Contact Resistance	: 40mΩ max.
Insulation Resistance	: 5000MΩ min.
Dielectric Withstanding	: 500V AC for 1 minute
Temperature Range	: -40°C to +105°C

Material & Finish

Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

1.0 mm Pitch Pin Female Header Single Row & Double Row Straight

P9441/ 9443

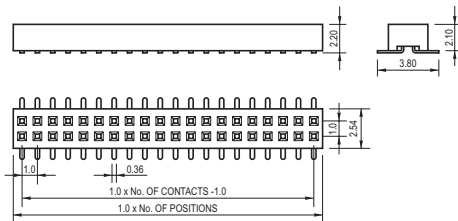


ORDERING INFORMATION

P944X-XXX-21		
X		XX
Series	Type of Row	Number of Contacts
P944	1= Single Row 3= Double Row	002-050 For Single Row 002-100 For Double Row

1.0mm Pitch Female Header Surface Mount Double Row

P9445-XXX-XX



No. of Contacts:
010 to 120
Plating:
21=Gold Flash
23=Gold Flash on
Contact Side &
Tin on Solder Side
24=5μ Tin

0.8MM PITCH PIN HEADER/ FEMALE HEADER

P915 Series

Specifications

Current Rating	: 1A
Contact Resistance	: 15m Ω max.
Insulation Resistance	: 5000M Ω min.
Dielectric Withstanding	: 500V AC for 1 minute
Temperature Range	: -40°C To +105°C

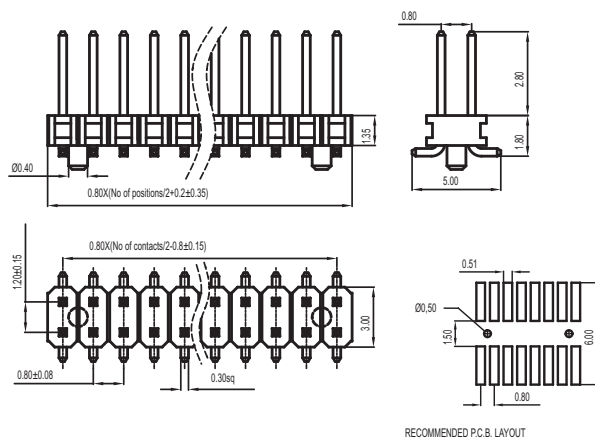
Material & Finish :

Crimp Contact	: Copper Alloy, Gold Plated
Insulator	: Polyester, UL94V-0

0.8mm Pitch Pin Header Surface Mount, Double Row

P9157-XXX2F-1

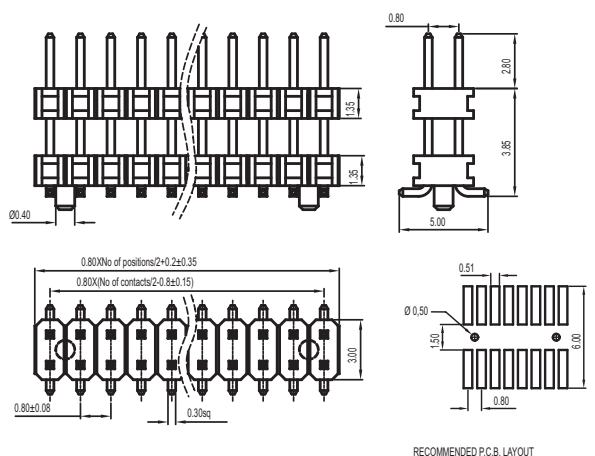
No. of Contacts:
04-80



0.8mm Pitch Pin Header Surface Mount, Double Row

P915C-XXXP2F-1

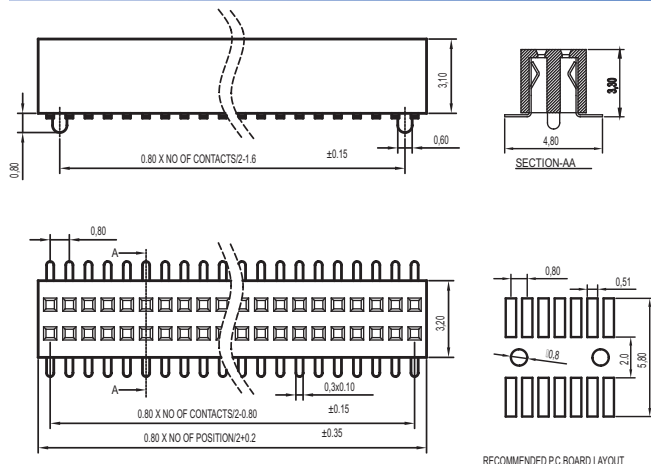
No. of Contacts:
04-80



0.8mm Pitch Pin Female Header Surface Mount, Double Row

P9457-XXX-21

No. of Contacts:
04-80



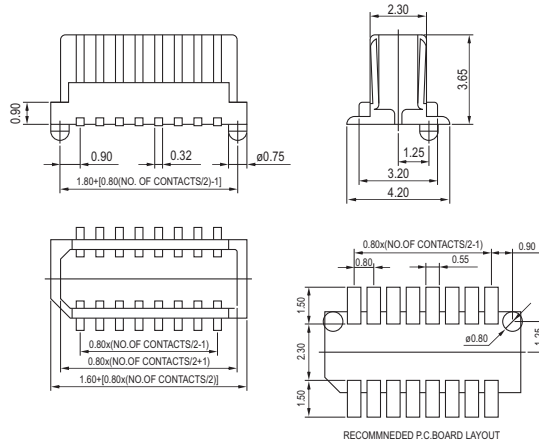
0.8MM PITCH PIN HEADER/FEMALE HEADER DOCKING TYPE

Specifications

Current Rating	: 0.5A
Contact Resistance	: 40mΩ max.
Insulation Resistance	: 1000MΩ min.
Dielectric Withstanding	: 500V AC for 1 min.
Temperature Range	: -20°C to +105°C

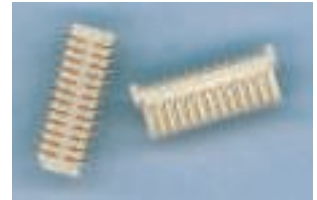
Material & Finish

Contact	: Copper Alloy
Insulator	: Nylon 6T/LCP, UL94V-0



P9155-XXX 83-1

No. of Contacts
020 to 100
Plating:
1=Gold Flash

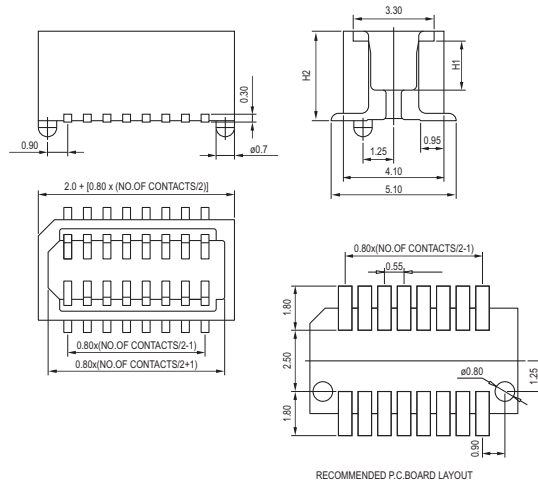


0.8mm Pitch Female Header Surface Mount, Double Row

P9455 Series

Same as P9155 Series

H1	H2
2.0	3.65
3.50	5.15
3.50	5.50
4.50	6.15



ORDERING INFORMATION

P9455 X XX-21			
Series	Profile (H2)	No. of contacts	Plating
P945	A=3.65mm B=5.15mm C=5.5mm D=6.15mm	020 to 100	1= Gold Flash

Note: For 0.5mm, 0.4mm, 0.3mm pitch connectors, contact factory