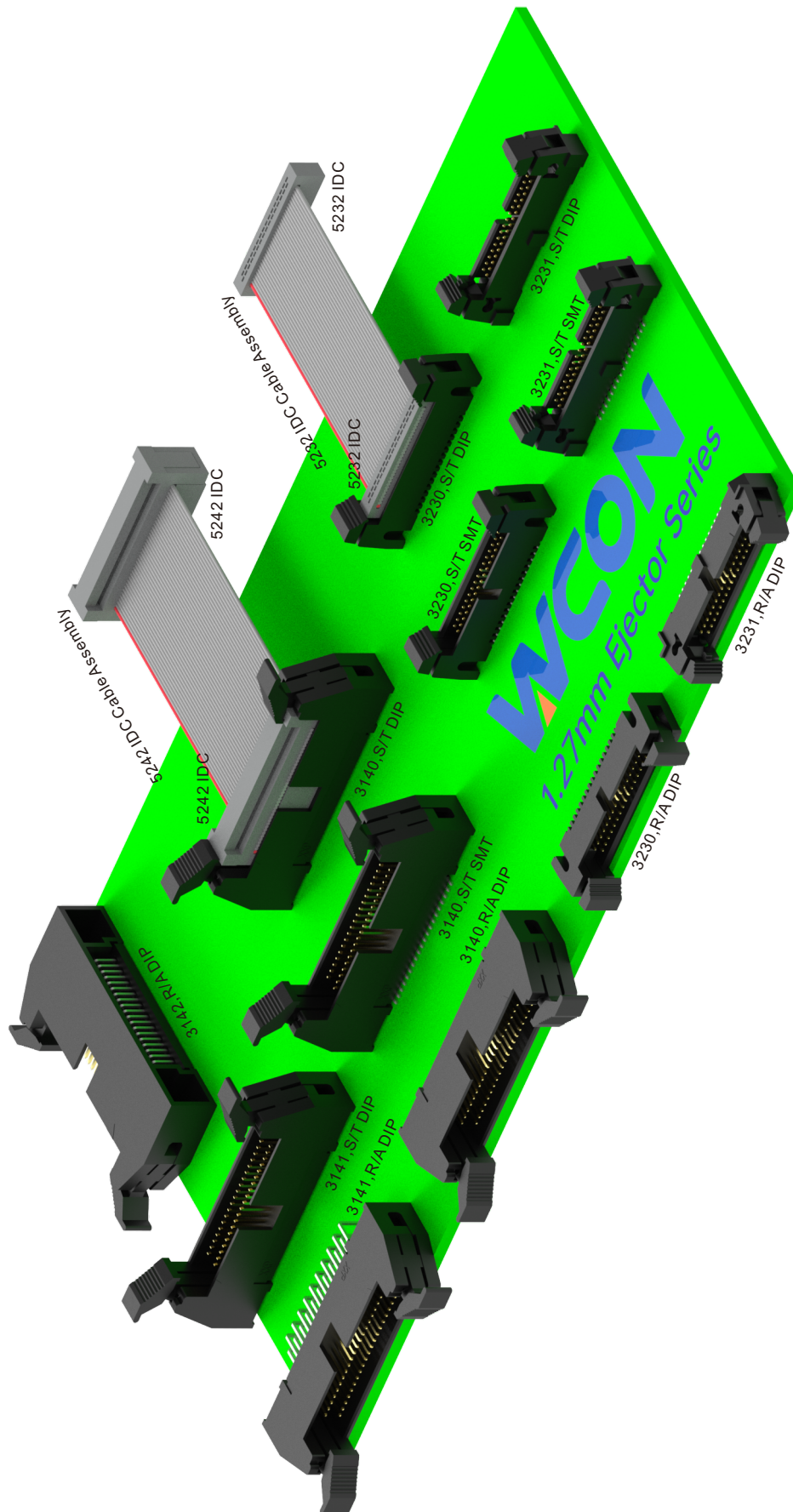


Board-Mounting
S/T DIP: Vertical T/H
R/A DIP: Horizontal T/H
S/T SMT: Vertical SMT



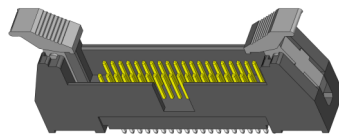
SPECIFICATIONS

Current Rating: 1.0AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 500V AC/Minute
Operation Temperature: -40°C to +105°C
Contact Material: Brass
Contact plating : Au or Sn over Ni
Insulator Material: PA9T+33%GF UL94V-0

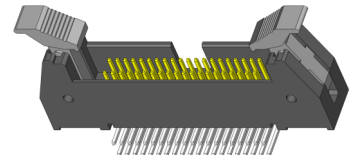


SMT Lead Coplanarity:

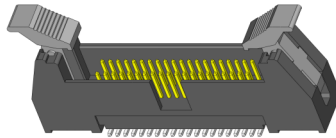
- 0.10mm max (02-40P)
- 0.12mm max (40-60P)
- 0.15mm max (Above 60P)



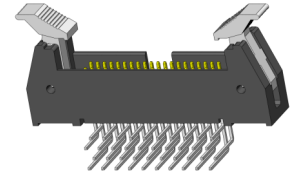
3240-XXSXXBXA1



3240-XXRXXBXA1

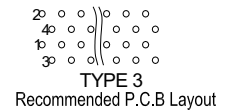
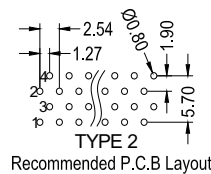
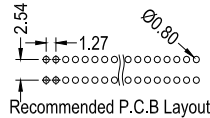
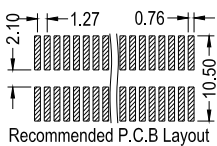
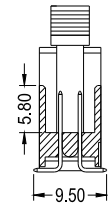
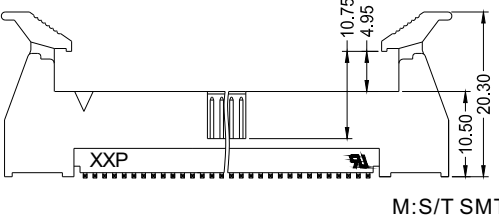
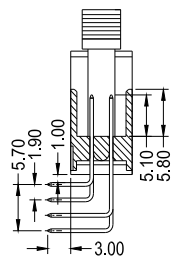
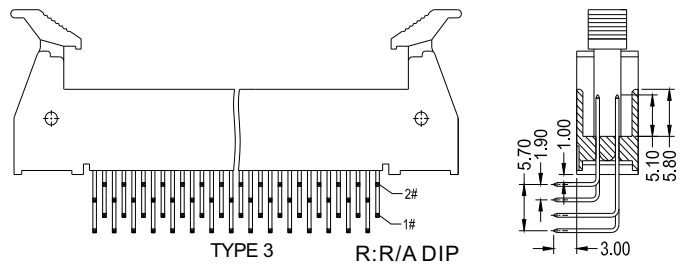
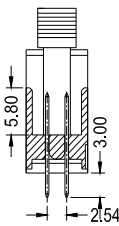
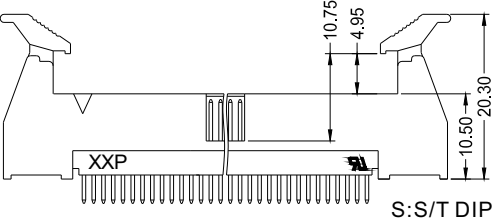
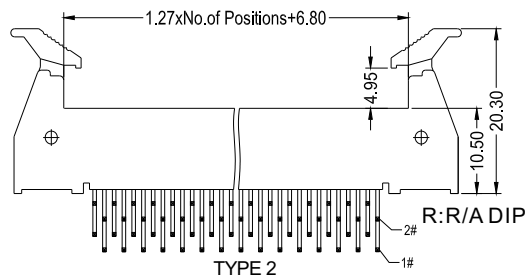
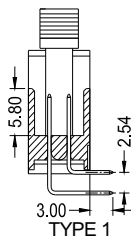
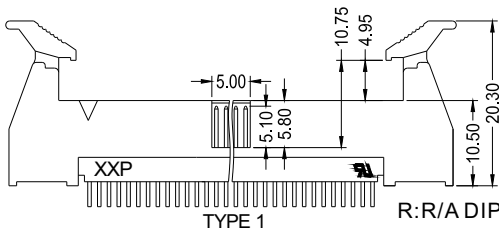
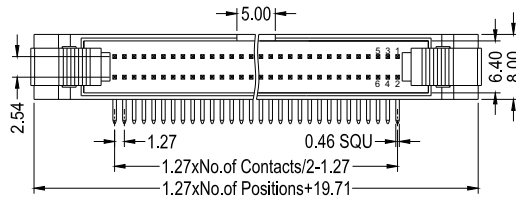
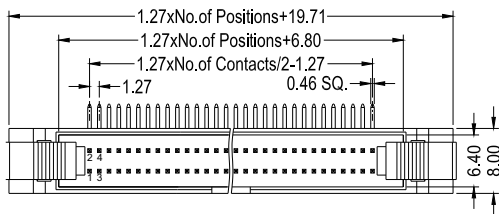


3240-XXMXXBXA1



3240-XXRXXBXA2/3

3240	-	XX	X	XX	B	S	X	X
		Positions 10, 14, 16, 20, 26, 30, 34, 40, 44, 50, 60, 80, 100	Board-Mounting R: R/A DIP S: S/T DIP M: S/T SMT	Contact plating area G0: Gold Flash G3: 10u"Au G5: 30u"Au	S0: Gold Flash/Tin S3: 10u"Au/Tin S5: 30u"Au/Tin	S: Short Latch	Packaging T: Tube (Standard) A: Tray	Options 1: Type 1 2: Type 2 3: Type 3



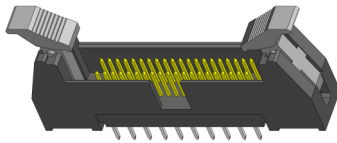


SPECIFICATIONS

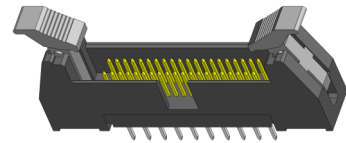
Current Rating: 1.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -40°C to +105°C
 Contact Material:Brass
 Contact plating :Au or Sn over Ni
 Insulator Material:PA9T+33%GF UL94V-0



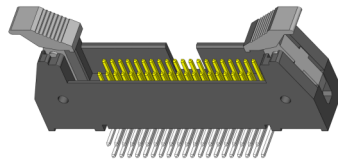
FILE NO: E248993



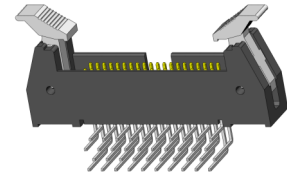
3241-XXSXXBXA2



3241-XXSXXBXA2

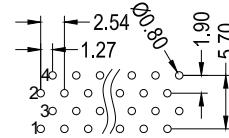
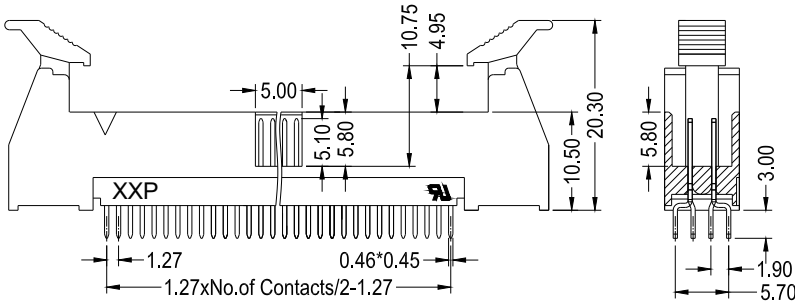
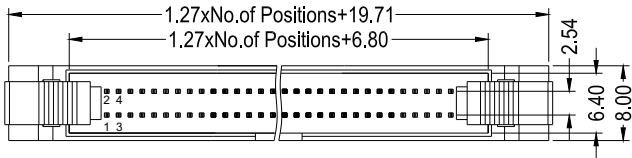


3242-XXRXXBXX1

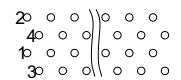


3242-XXRXXBXX2

3241 - XX	S	XX	B	S	T	X
Positions 10,14,16,20,26, 30,34,40,44,50, 60,80,100		Contact plating area G0: Gold Flash S0: Gold Flash/Tin G3: 10u"Au S3: 10u"Au/Tin G5: 30u"Au S5: 30u"Au/Tin		S: Short Latch	Packaging T: Tube (Standard)	Options 1: Type 1 2: Type 2

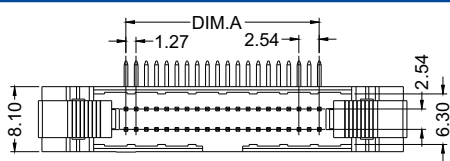


TYPE 1 Recommended P.C.B Layout



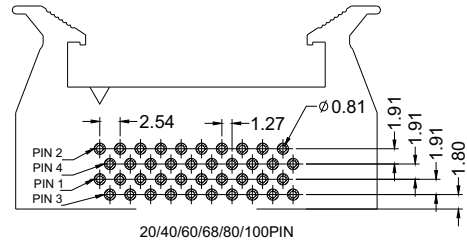
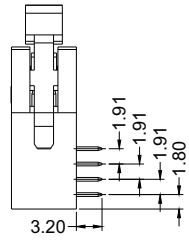
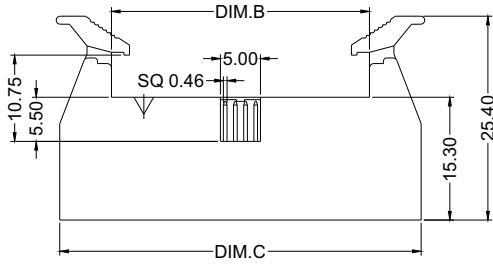
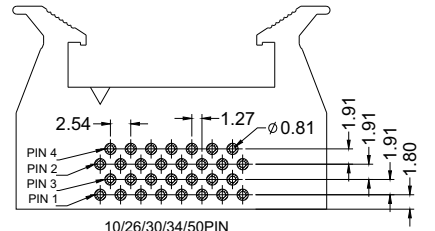
TYPE 2 Recommended P.C.B Layout

3242 - XX	R	XX	B	S	T	01
Positions 10,20,26,30,34,40, 50,60,68,80,100		Contact plating area G0: Gold Flash S0: Gold Flash/Tin G3: 10u"Au S3: 10u"Au/Tin G5: 30u"Au S5: 30u"Au/Tin		S: Short Latch	Packaging T: Tube (Standard)	

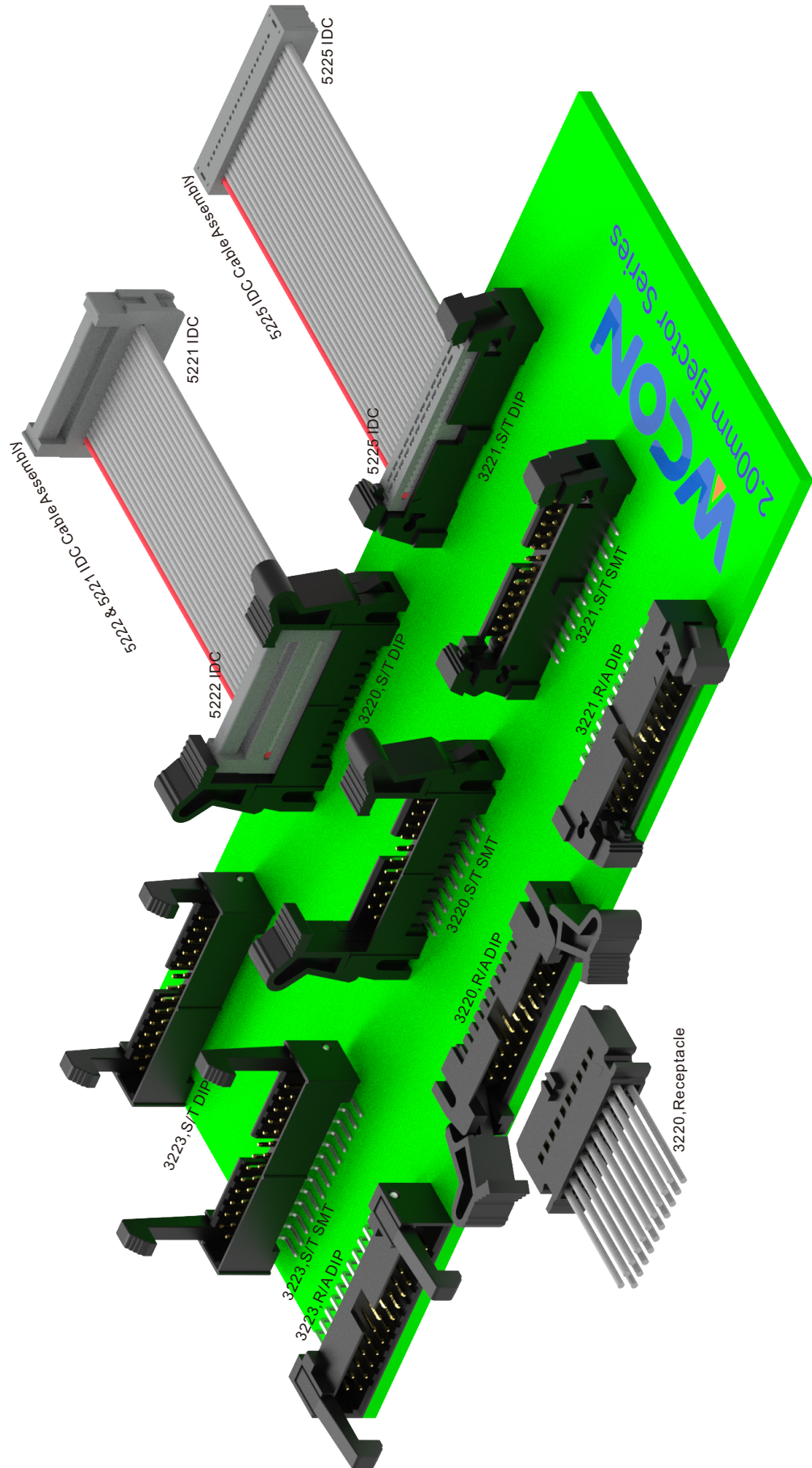


Pos	DIM.A	DIM.B	DIM.C
10	5.08	13.15	26.06
20	11.43	19.50	32.41
26	15.24	23.31	36.22
30	17.78	25.85	38.76
34	20.32	28.39	41.30
40	24.13	32.20	45.11
50	30.48	38.55	51.46
60	36.83	44.90	57.81
68	41.91	49.98	62.89
80	49.53	57.60	70.51
100	62.23	70.30	83.21

Recommended P.C.B Layout(Top Side)



Board-Mounting
S/T DIP: Vertical T/H
R/A DIP: Horizontal T/H
S/T SMT: Vertical SMT





SPECIFICATIONS

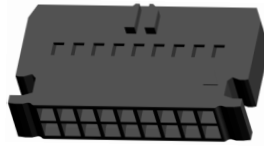
Current Rating: 2.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -40°C to +105°C
 Contact Material: Brass
 Contact plating : Au or Sn over Ni
 Insulator Material: PA9T+33%GF UL94V-0



FILE NO: E248993

SMT Lead Coplanarity:

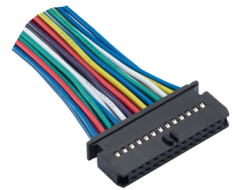
0.10mm max (02-40P)
 0.15mm max (Above 40P)



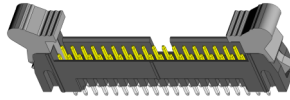
3220-HXXB01



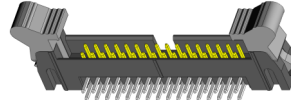
3220-TPSN01



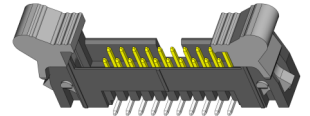
Cable Assembly



3220-XXSXXBXA1



3220-XXRXXBXA1



3220-XXMXXBXA1

3220 - XX X XX B X X 1

Positions
 6, 8, 10, 14, 16, 20,
 24, 26, 30, 34, 40,
 44, 50, 60

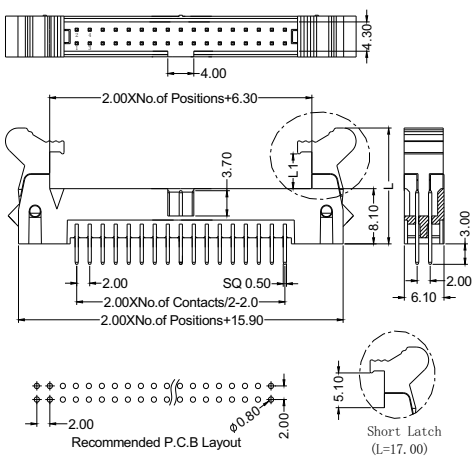
Board-Mounting
 R: R/A DIP
 S: S/T DIP
 M: S/T SMT

Contact plating area
 G0: Gold Flash S0: Gold Flash/Tin
 G3: 10u"Au S3: 10u"Au/Tin
 G5: 30u"Au S5: 30u"Au/Tin

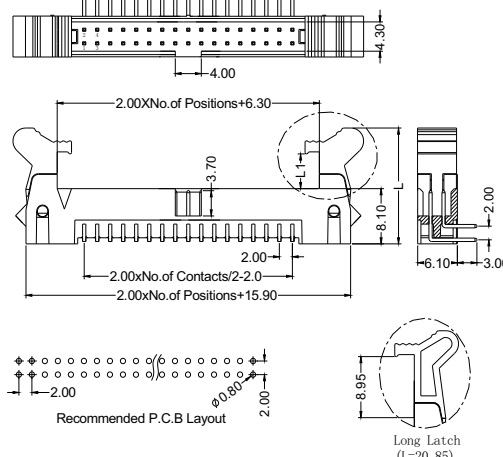
S: Short Latch
L: Long Latch
M: Middle Latch

Packaging
 T: Tube
 (Standard)
 R: Reel & CAP

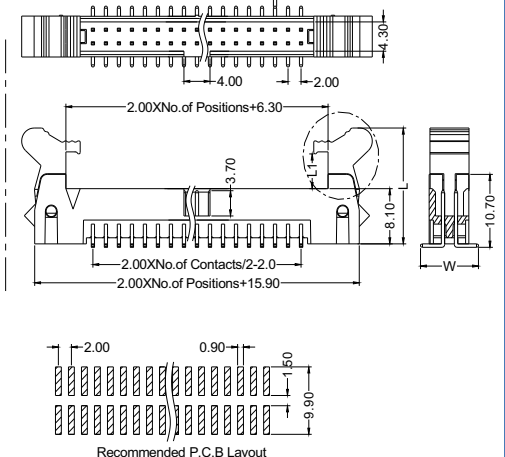
3220-XXSXXBXA1



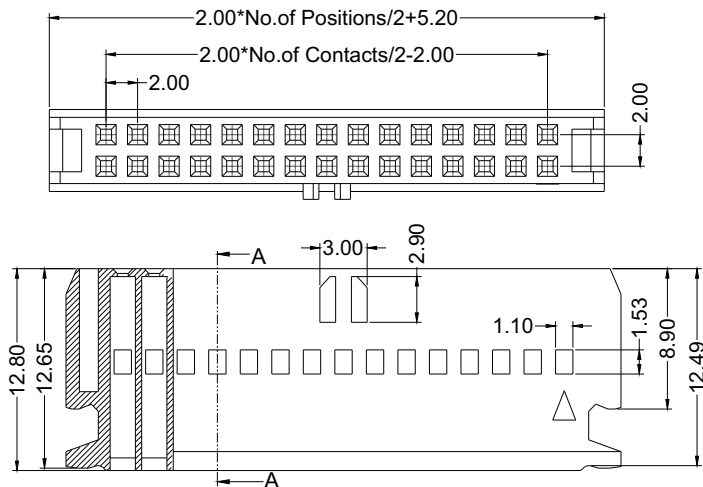
3220-XXRXXBXA1



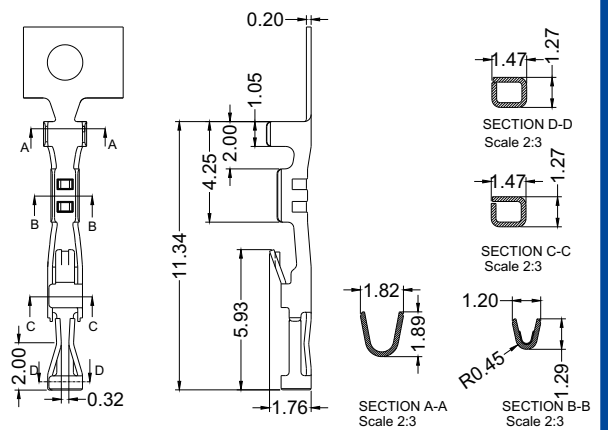
3220-XXMXXBXA1



3220 - HXXB01



3220-TPSN01



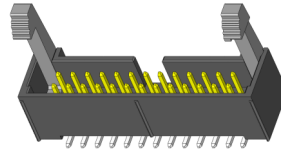


SPECIFICATIONS

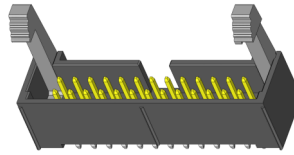
Current Rating: 2.0AMP
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstand Voltage: 500V AC/Minute
Operation Temperature: -40°C to +105°C
Contact Material: Brass
Contact plating : Au or Sn over Ni
Insulator Material:
 3223 PA9T+33%GF UL94V-0

SMT Lead Coplanarity:

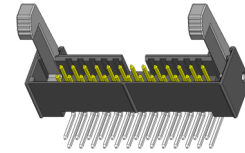
0.10mm max (02-40P)
 0.15mm max (Above 40P)



3223-XXMXXBXA1



3223-XXSXXBXA1



3223-XXRXXBXA1

3223 - XX

Positions
 10,12,14,16,20,
 22,24,26,30,34,
 40,44,48,50,60,68

X

Board-Mounting
 R:R/A DIP
 S:S/T DIP

XX

Contact plating area
 G0: Gold Flash S0: Gold Flash/Tin
 G3: 10u"Au S3: 10u"Au/Tin
 G5: 30u"Au S5: 30u"Au/Tin

B

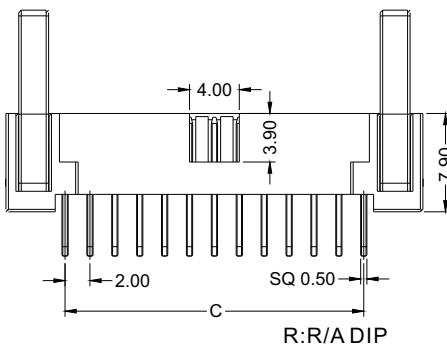
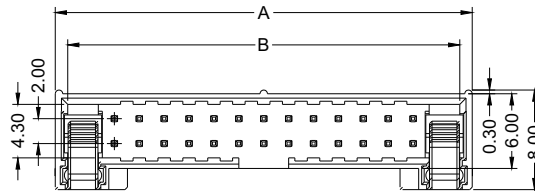
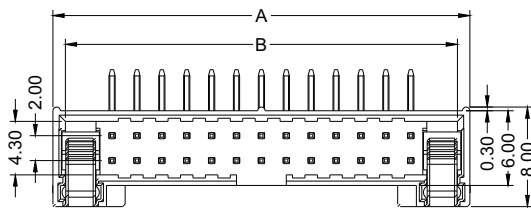
X

S: Short Latch
 L: Long Latch

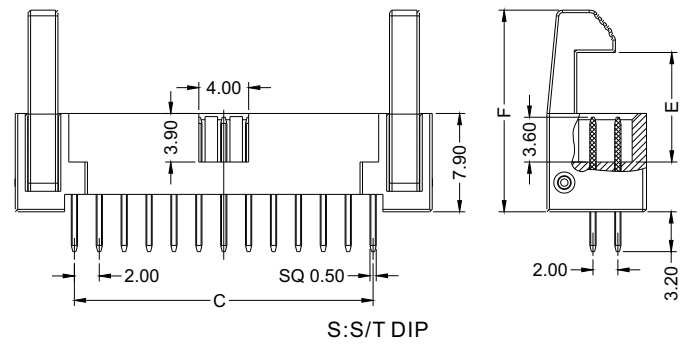
T

Packaging
 T: Tube
 (Standard)

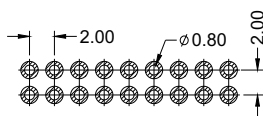
1



R:R/A DIP



S:S/T DIP



Recommended P.C.B Layout (Top Side)

Pos	A	B	C
10	17.50	15.50	8.00
12	19.50	17.50	10.00
14	21.50	19.50	12.00
16	23.50	21.50	14.00
20	27.50	25.50	18.00
22	29.50	27.50	20.00
24	31.50	29.50	22.00
26	33.50	31.50	24.00
30	37.50	35.50	28.00
34	41.50	39.50	32.00
40	47.50	45.50	38.00
44	51.50	49.50	42.00
48	55.50	53.50	46.00
50	57.50	55.50	48.00
68	75.50	73.50	66.00

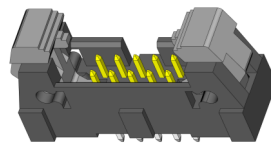
Part No.	E	F
3223-XXSXXBLX1	13.10	20.50
3223-XXSXXBSX1	8.80	16.20
3223-XXRXXBLX1	13.10	20.50
3223-XXRXXBSX1	8.80	16.20

SPECIFICATIONS

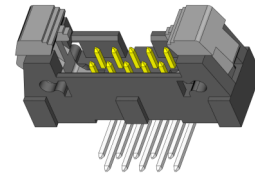
Current Rating: 2.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 500V AC/Minute
 Operation Temperature: -40°C to +105°C
 Contact Material: Brass
 Contact plating : Au or Sn over Ni
 Insulator Material: LCP+30%GF UL94V-0

SMT Lead Coplanarity:

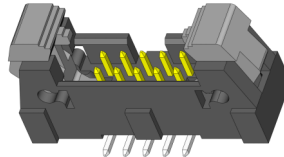
0.10mm max (02-40P)
 0.15mm max (Above 40P)



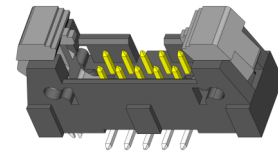
3221-XXSXXBXA1



3221-XXRXXBXA1

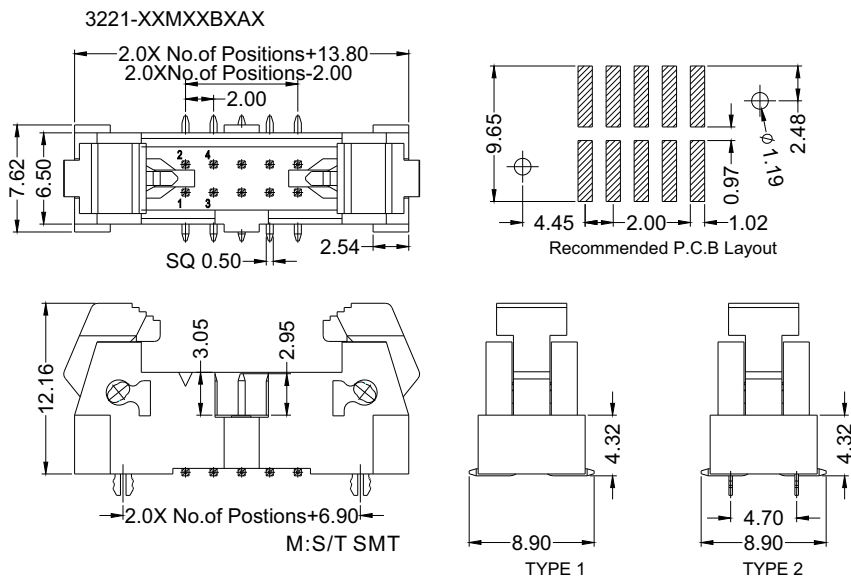
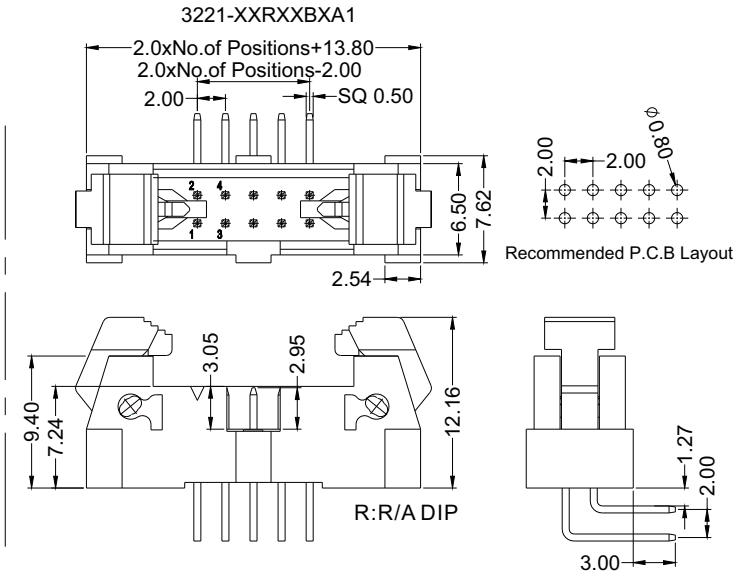
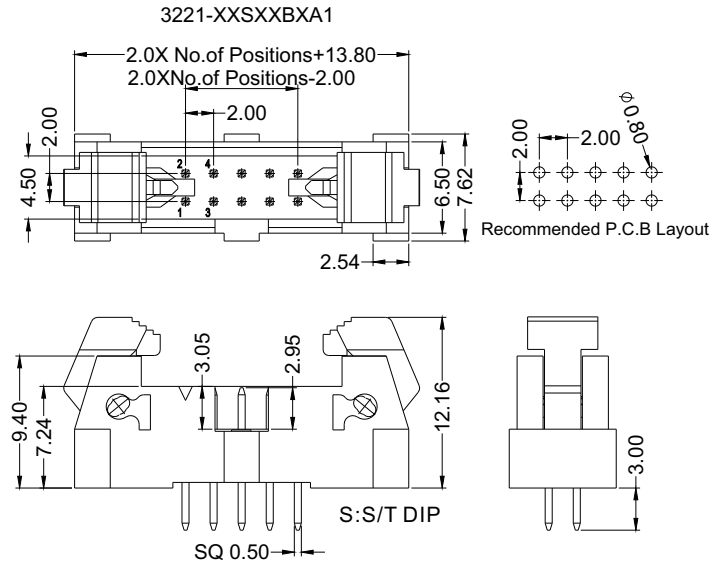


3221-XXMXXBXA1

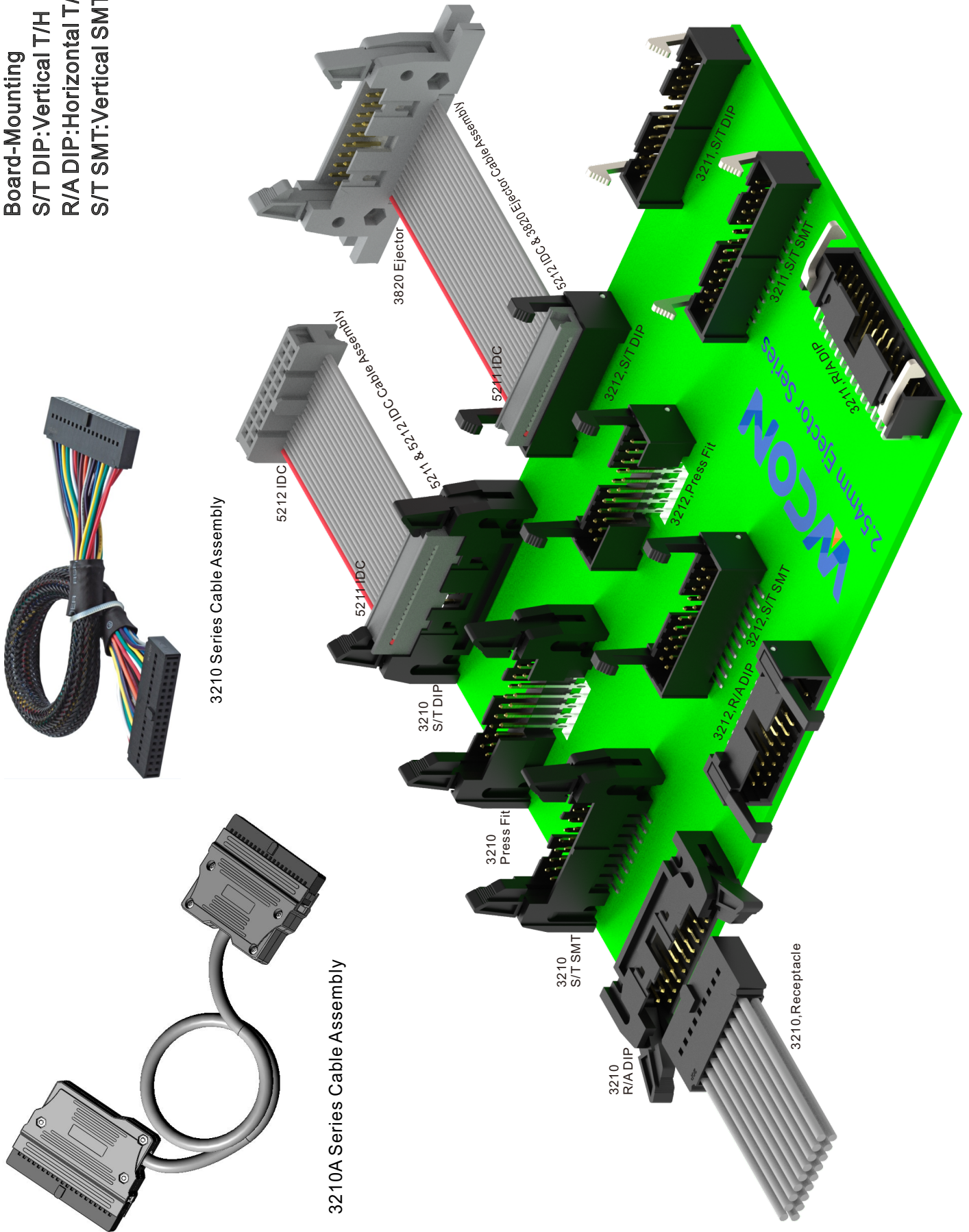


3221-XXMXXBXA2

3221 - <u>XX</u>	<u>X</u>	<u>XX</u>	B	<u>X</u>	<u>X</u>	<u>X</u>
Positions 10, 12, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60	Board-Mounting R: R/A DIP S: S/T DIP M: S/T SMT	Contact plating area G0: Gold Flash S0: Gold Flash/Tin G3: 10u"Au S3: 10u"Au/Tin G5: 30u"Au S5: 30u"Au/Tin		S: Short Latch	Packaging T: Tube (Standard) R: Reel & CAP	Options 1: Type 1 2: Type 2



Board-Mounting
 S/T DIP: Vertical T/H
 R/A DIP: Horizontal T/H
 S/T SMT: Vertical SMT



SPECIFICATIONS

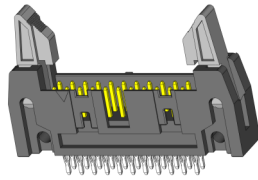
Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1000V AC/Minute
 500V AC/Minute(P:Press Fit)
 Operation Temperature: -25°C to +105°C
 Contact Material: Phosphor Bronze
 Contact plating : Au or Sn over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT +30%GF
 PA9T+33%GF



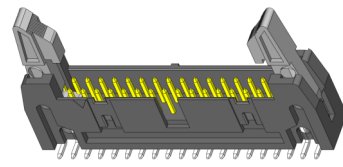
FILE NO: E248993

SMT Lead Coplanarity:
 0.10mm max (02-40P)
 0.15mm max (Above 40P)

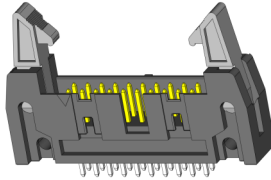
Type: A



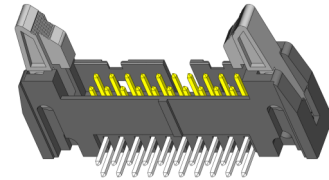
3210-XXPXXBXX1



3210-XXMXXBXA1/2

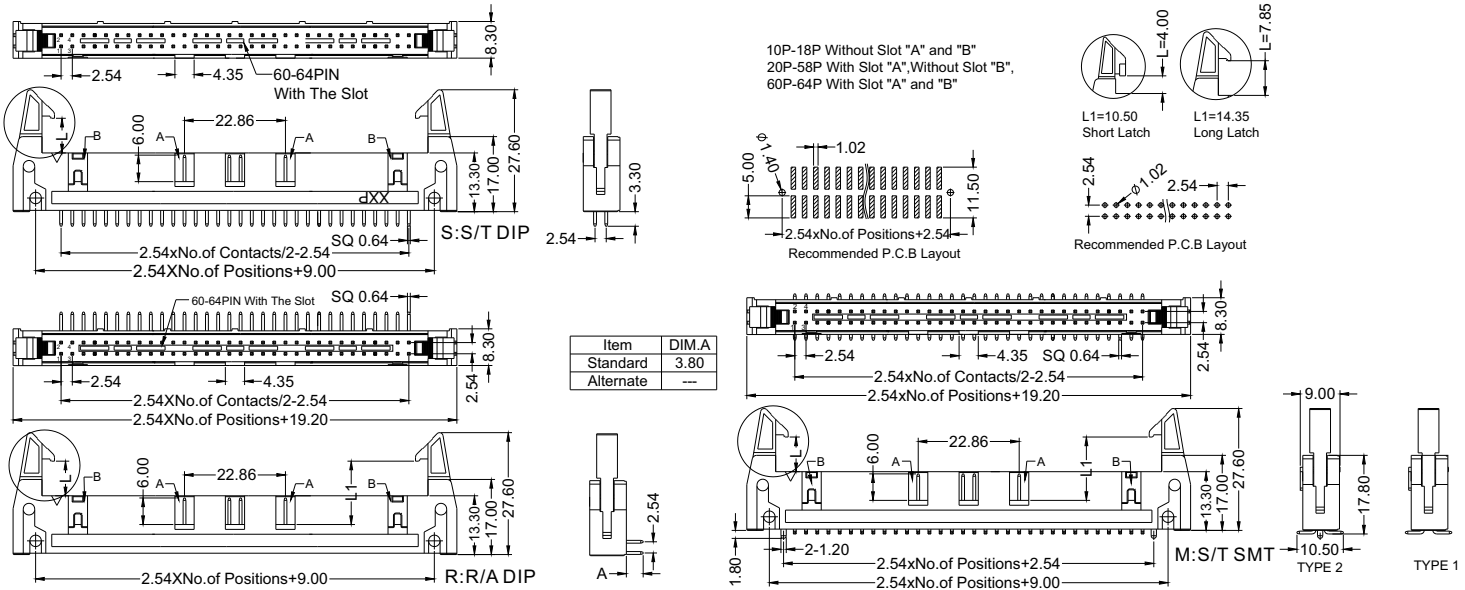


3210-XXSXXBXA1

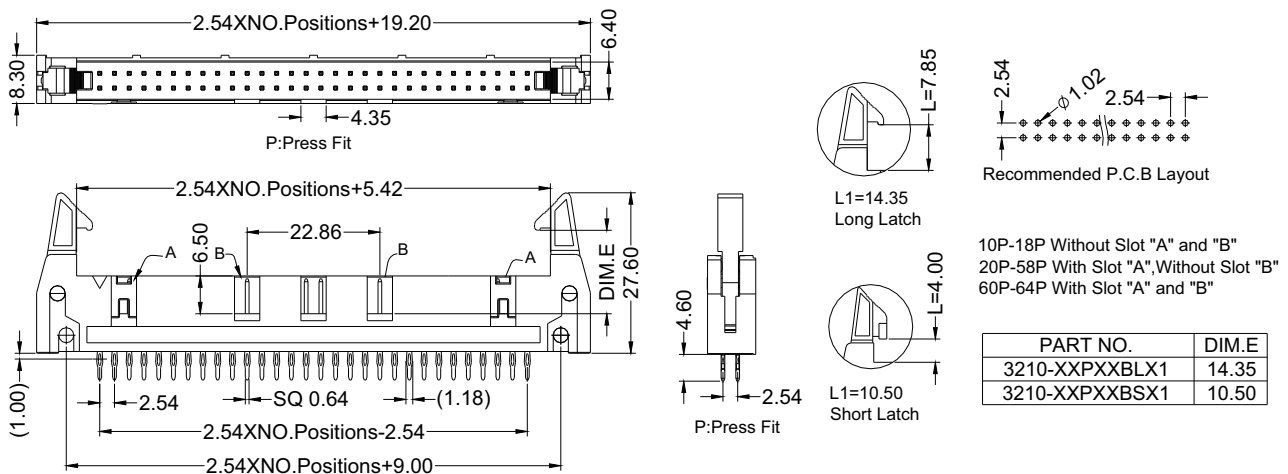


3210-XXRXXBXA1

3210 - XX	X	XX	B	X	X	X
Positions 6, 8, 10, 12, 14, 16 20, 24, 26, 30, 34, 40, 50, 60, 64	Board-Mounting R: R/A DIP S: S/T DIP M: S/T SMT P: Press Fit	Contact plating area G0: Gold Flash G3: 10u"Au G5: 30u"Au S0: Gold Flash/Tin S3: 10u"Au/Tin S5: 30u"Au/Tin		S: Short Latch L: Long Latch M: Middle Latch N: No Latch	Packaging T: Tube (Standard) A: Tray	Options 1: Type 1 2: Type 2



3210 - XX	P	XX	B	X	X	1
Positions 10, 14, 16, 20, 24, 26, 30, 34, 40, 50, 60, 64		Contact plating area G0: Gold Flash G3: 10u"Au G5: 30u"Au S0: Gold Flash/Tin S3: 10u"Au/Tin S5: 30u"Au/Tin		S: Short Latch L: Long Latch M: Middle Latch N: No Latch	Packaging T: Tube (Standard)	



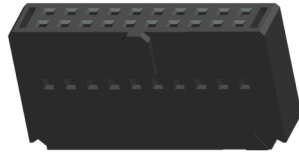
SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -25°C to +105°C
 Contact Material: Phosphor Bronze
 Contact plating: Au or Sn over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT +30%GF
 PA9T+33%GF



SMT Lead Coplanarity:
 0.10mm max (02-40P)
 0.15mm max (Above 40P)

Type:A



3210-HXXB01



3210-TPSN01



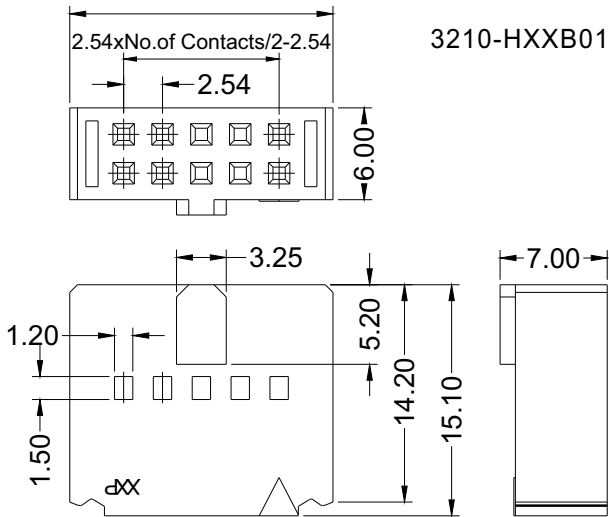
Assembly

3210 - H XX B X 1

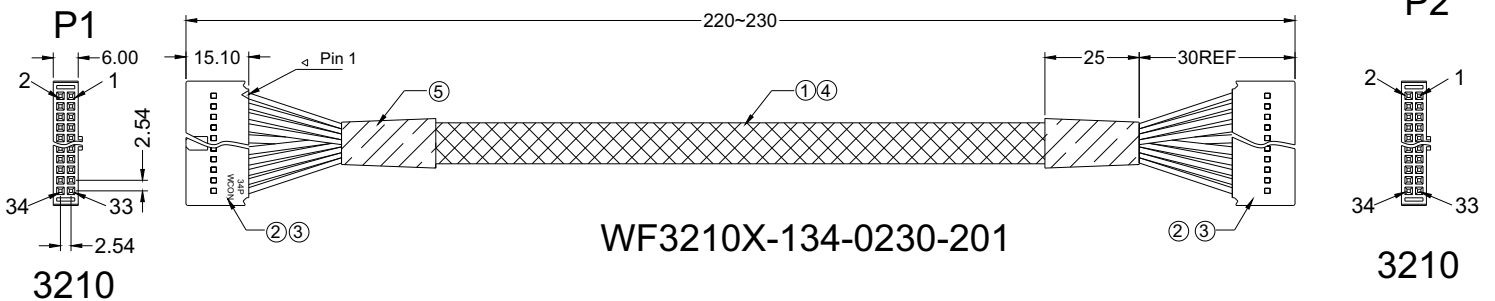
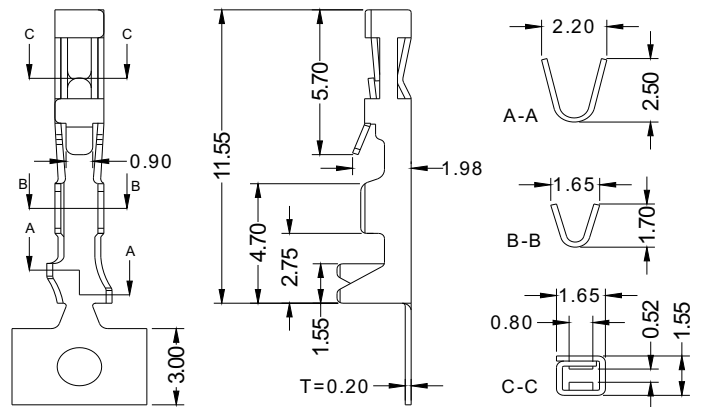
Positions
 10, 14, 16, 20, 26,
 30, 34, 40, 50, 60

Packaging
 T: Tube (Standard)
 A: Tray
 0: PE Bag

2.54xNo.of Positions+4.5



3210-TPSN01



WIRE LIST :

P1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
P2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Color	Red	Red	White	White	Green	Green	Yellow	Yellow	Blue	Blue	Purple	Purple	Grey	Grey	Red	Red	White
P1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
P2	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Color	White	Green	Green	Yellow	Yellow	Blue	Blue	Purple	Purple	Grey	Grey	Red	Red	White	White	Green	Green



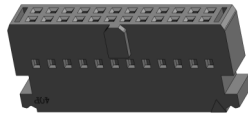
SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -25°C to +105°C
 Contact Material: Phosphor Bronze
 Contact plating :Au or Sn over Ni
 Insulator Material: Polyester (UL94V-0)
 Standard: PBT +30%GF
 PA9T+33%GF



SMT Lead Coplanarity:
 0.10mm max (02-40P)
 0.15mm max (Above 40P)

Type:A



3210A-HXXB01



3210-TPSN01



Assembly

3210A - H

XX

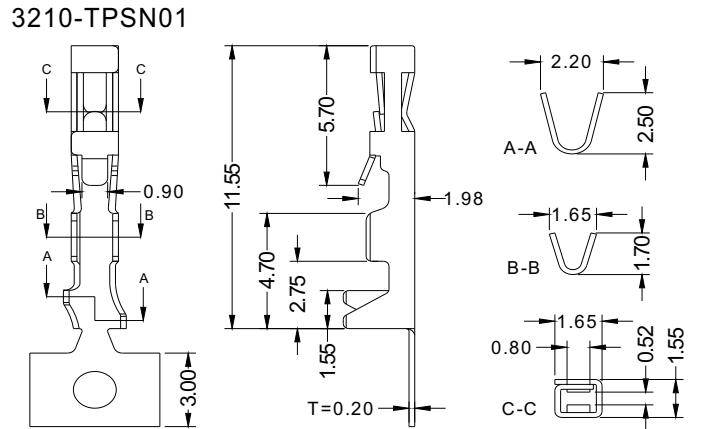
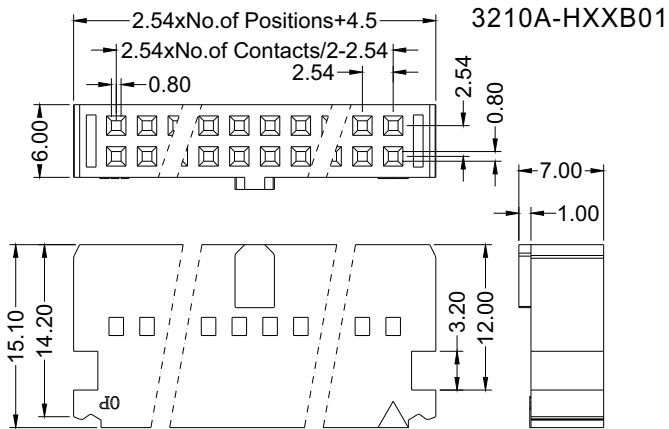
B

X

1

Positions
 10,14,16,20,26,
 30,34,40,50,60

Packaging
 T:Tube(Standard)
 A:Tray
 0:PE Bag



3210P - XX

S

B

C

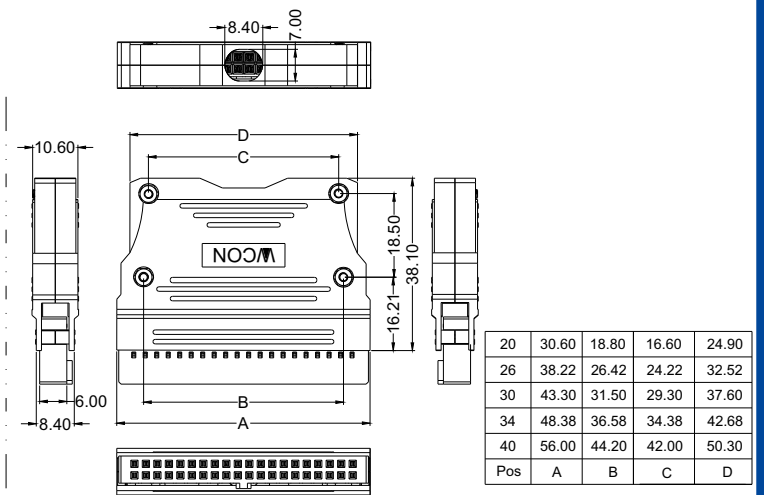
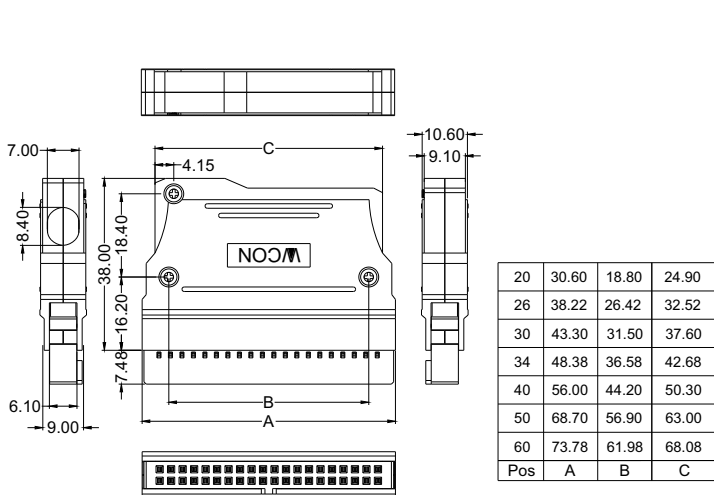
B

0

1

Positions
 20,26,30,34,
 40,50,60

Packaging
 T:Tube(Standard)
 A:Tray
 0:PE Bag





SPECIFICATIONS

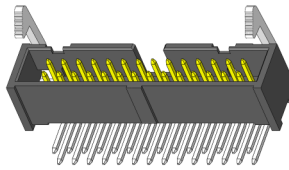
Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1000V AC/Minute
 Operation Temperature: -40°C to +105°C
 Contact Material: Brass
 Contact plating : Au or Sn over Ni
 Latch Material: Zinc Alloy Latch plating: Ni
 Insulator Material: PA9T+33%GF UL94V-0



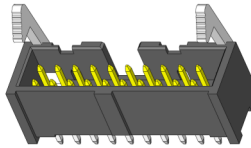
FILE NO: E248993

SMT Lead Coplanarity:

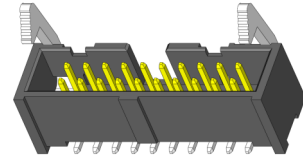
0.10mm max (02-40P)
 0.15mm max (Above 40P)



3211-XXRXXBXT1



3211-XXSXXBXT1



3211-XXMXXBXT1

3211 - XX X XX B X X 1

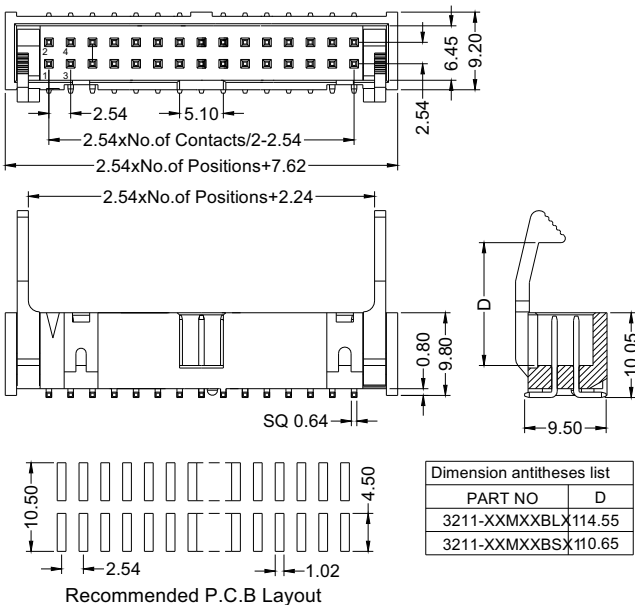
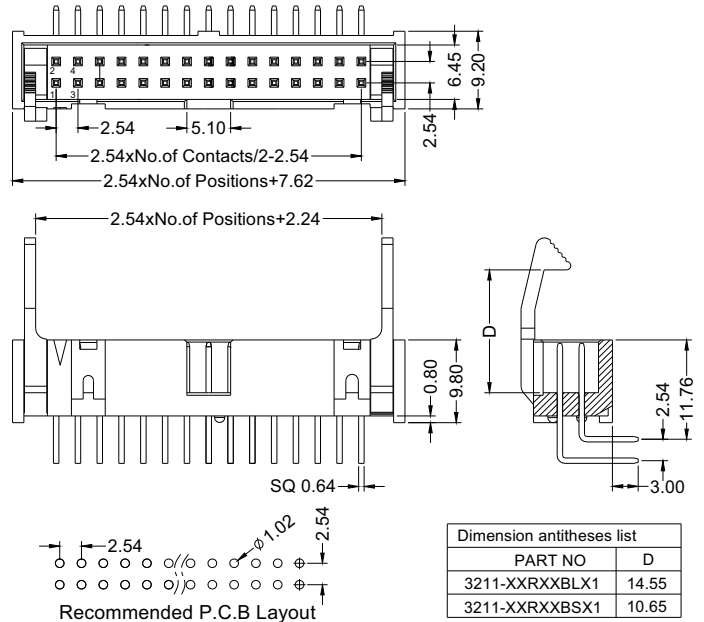
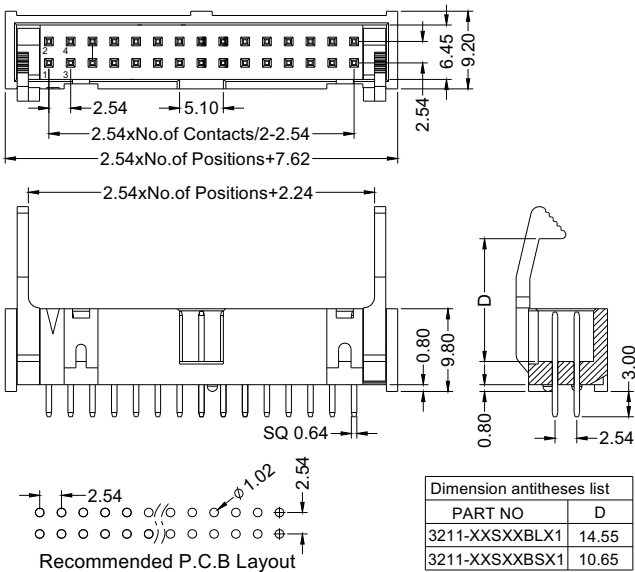
Positions
 10,14,16,20,24,
 26,30,34,40,44,
 50,60,70,80,100

Board-Mounting
 R: R/A DIP
 S: S/T DIP
 M: S/T SMT

Contact plating area
 G0: Gold Flash S0: Gold Flash/Tin
 G3: 10u"Au S3: 10u"Au/Tin
 G5: 30u"Au S5: 30u"Au/Tin

S: Short Latch
 L: Long Latch
 N: No Latch

Packaging
 T: Tube
 (Standard)
 A: Tray





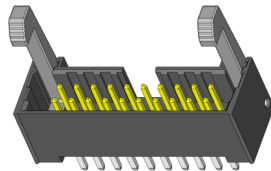
SPECIFICATIONS

Current Rating: 3.0AMP
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstand Voltage: 1000V AC/Minute
 500V AC/Minute(P:Press Fit)
 Operation Temperature: -40°C to +105°C
 Contact Material: Brass
 Contact plating :Au or Sn over Ni
 Latch Material: Zinc Alloy Latch plating: Ni
 Insulator Material: PBT +30%GF UL94V-0
 or PA9T+33%GF UL94V-0

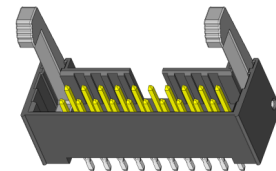


SMT Lead Coplanarity:

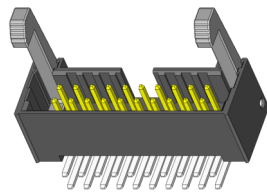
0.10mm max (02-40P)
 0.15mm max (Above 40P)



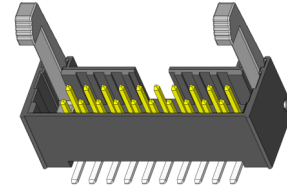
3212-XXSXXBXT1



3212-XXPXXBXX1



3212-XXRXXBXT1



3212-XXMXXBXT1

3212 - XX X XX B X X 1

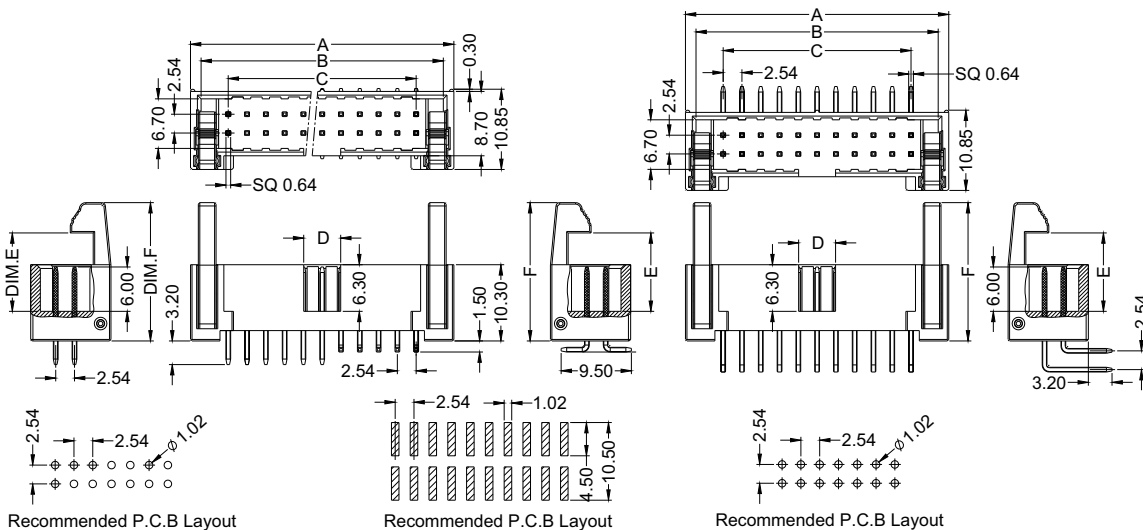
Positions
 6,8,10,12,14,16,
 20,24,26,30,34,
 40,50,60,64

Board-Mounting
 R:R/A DIP
 S:S/T DIP
 M:S/T SMT

Contact plating area
 G0: Gold Flash S0: Gold Flash/Tin
 G3: 10u"Au S3: 10u"Au/Tin
 G5: 30u"Au S5: 30u"Au/Tin

S:Short Latch
 L:Long Latch

Packaging
 T:Tube
 (Standard)
 A:Tray



Latch Type	E	F
L=Long Latch	14.60	22.10
S=Short Latch	10.60	18.70

Pos	A	B	C	D
6	15.28	12.42	5.08	2.30
8	17.82	14.96	7.62	2.30
10	20.36	17.50	10.16	5.00
12	22.90	20.04	12.70	5.00
14	25.44	22.58	15.24	5.00
16	27.98	25.12	17.78	5.00
20	33.06	30.20	22.86	5.00
24	38.14	35.28	27.94	5.00
26	40.68	37.82	30.48	5.00
30	45.76	42.90	35.56	5.00
34	50.84	47.98	40.64	5.00
40	58.46	55.60	48.26	5.00
50	71.16	68.30	60.96	5.00
60	83.86	81.00	73.66	5.00
64	88.94	86.08	78.74	5.00

3212 - XX P XX B X X 1

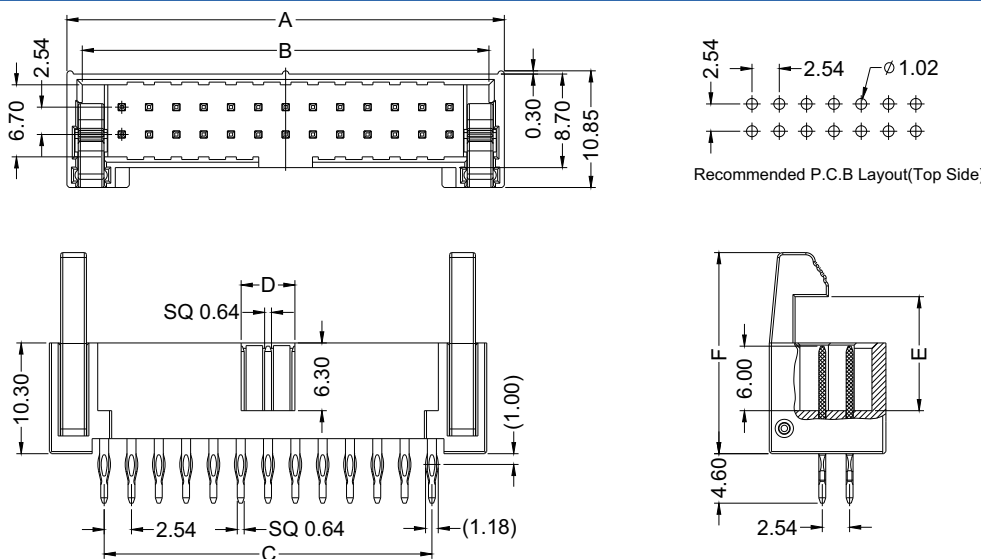
Positions
 6,8,10,12,14,16,
 20,24,26,30,34,
 40,50,60,64

Board-Mounting
 P:Press Fit

Contact plating area
 G0: Gold Flash S0: Gold Flash/Tin
 G3: 10u"Au S3: 10u"Au/Tin
 G5: 30u"Au S5: 30u"Au/Tin

S:Short Latch
 L:Long Latch
 M:Middle Latch

Packaging
 T:Tube
 (Standard)



PART NO.	E	F
3212-XXRXXBLX1	14.60	22.10
3212-XXRXXBSX1	10.60	18.70

Pos	A	B	C	D
6	15.28	12.42	5.08	2.30
8	17.82	14.96	7.62	2.30
10	20.36	17.50	10.16	5.00
12	22.90	20.04	12.70	5.00
14	25.44	22.58	15.24	5.00
16	27.98	25.12	17.78	5.00
20	33.06	30.20	22.86	5.00
24	38.14	35.28	27.94	5.00
26	40.68	37.82	30.48	5.00
30	45.76	42.90	35.56	5.00
34	50.84	47.98	40.64	5.00
40	58.46	55.60	48.26	5.00
50	71.16	68.30	60.96	5.00
60	83.86	81.00	73.66	5.00
64	88.94	86.08	78.74	5.00