

CJT_{CONN} A3963 SERIES

3.96~7.92mm pitch wire to board connector

Specifications

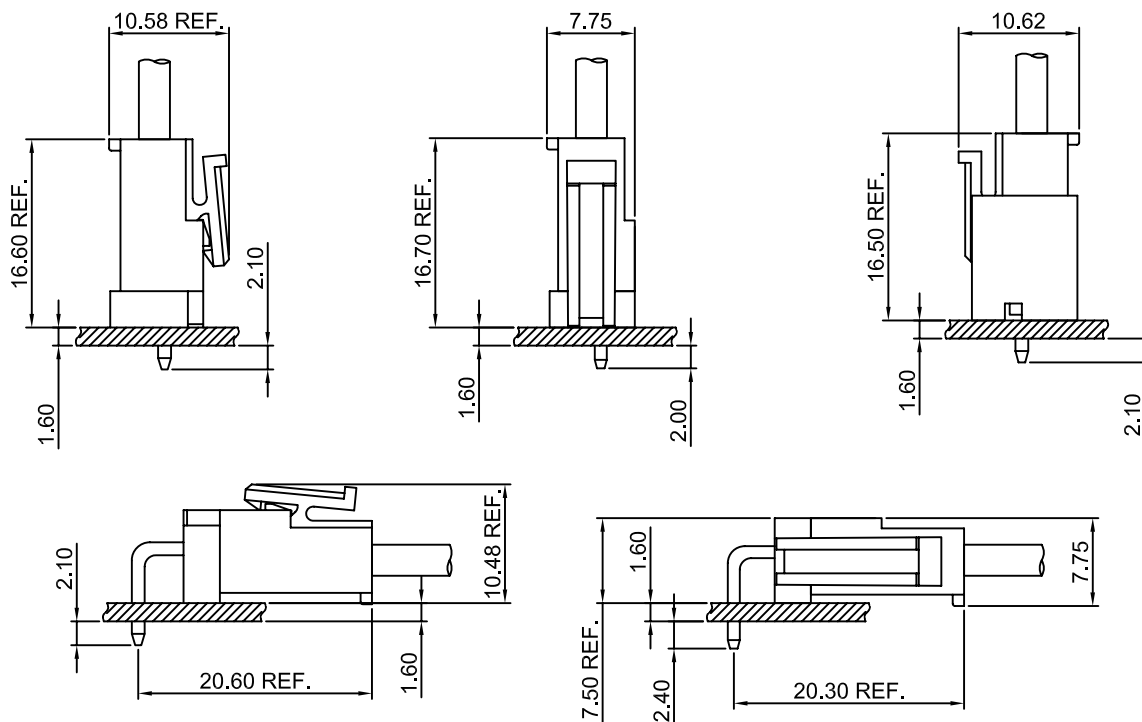
Current rating:10A AC,DC(AWG #16)
Voltage rating:250V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:10mΩMax.
Insulation resistance:1000MΩMin.
Withstanding voltage:1500V AC/minute
Compliant with RoHS and REACH
Meet the HF/Halogen Free,GWT/Glow wire Test (IEC60335-1) request,need to customize
Contact CJT for details

Standards


E326732


E326732

Assembly layout



CJTconn A3963 SERIES

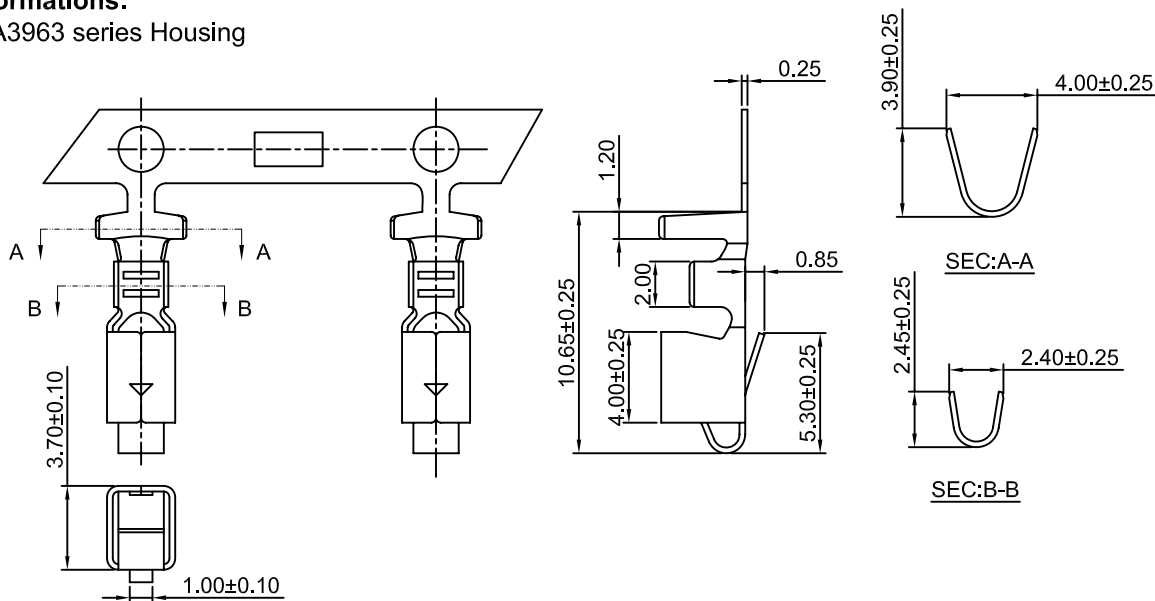
3.96mm pitch wire to board connector

A3963-T

3.96mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A3963 series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963-TB	AWG#18-#22	3.00mm(max)	Brass	Tin over Nickel	4,000 PCS
A3963-TP	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Tin over Nickel	4,000 PCS
A3963-GB	AWG#18-#22	3.00mm(max)	Brass	Gold over Nickel	4,000 PCS
A3963-GP	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Gold over Nickel	4,000 PCS

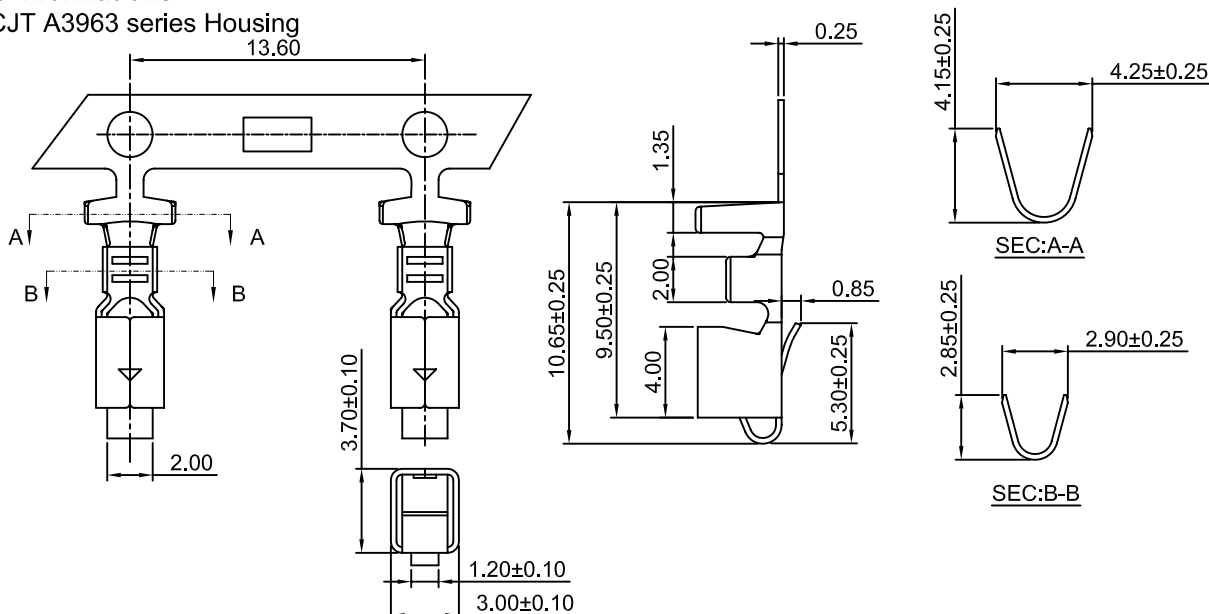
Optional Gold plating available but MOQ requested

A3963-T-H

3.96mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A3963 series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963-TB-H	AWG#16-#20	3.40mm(max)	Brass	Tin over Nickel	4,000 PCS
A3963-TP-H	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Tin over Nickel	4,000 PCS
A3963-GB-H	AWG#16-#20	3.40mm(max)	Brass	Gold over Nickel	4,000 PCS
A3963-GP-H	AWG#16-#20	3.40mm(max)	Phosphor Bronze	Gold over Nickel	4,000 PCS

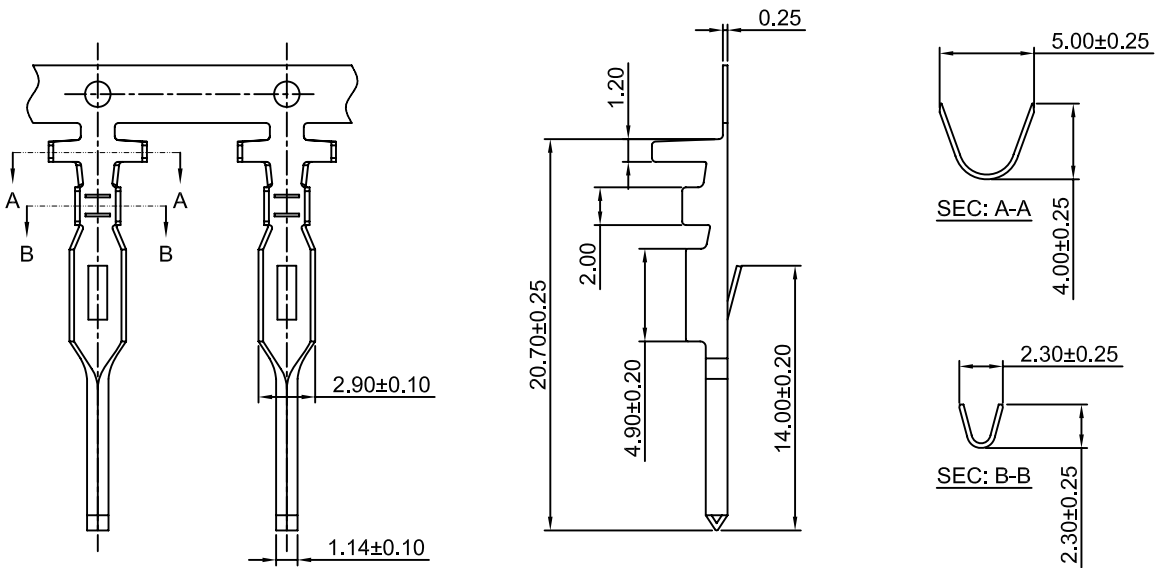
Optional Gold plating available but MOQ requested

A3963M-T

3.96mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A3963HM series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963M-TB	AWG#18-#22	3.00mm(max)	Brass	Tin over Nickel	4,000 PCS
A3963M-TP	AWG#18-#22	3.00mm(max)	Phosphor Bronze	Tin over Nickel	4,000 PCS

Optional Gold plating available but MOQ requested

CJTconn A3963 SERIES

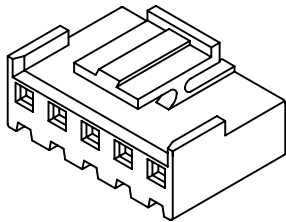
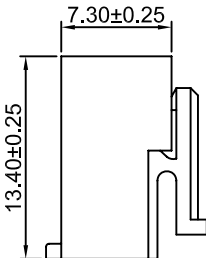
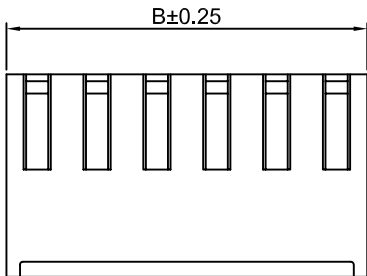
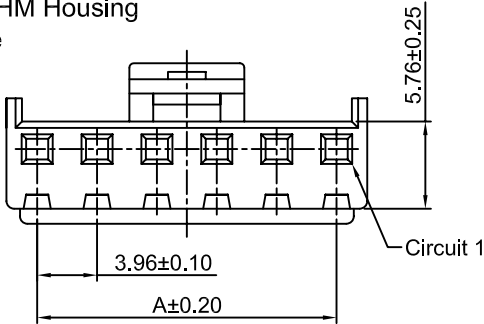
3.96mm pitch wire to board connector

A3963H-XP

3.96mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A3963 series Terminal
- *Mates with CJT A3963 series Wafer or A7921WR-F-2P Wafer or CJT A3963HM Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	8.02
3P	7.92	11.98
4P	11.88	15.94
5P	15.84	19.90
6P	19.80	23.86
7P	23.76	27.82
8P	27.72	31.78
9P	31.68	35.74
10P	35.64	39.70
11P	39.60	43.66
12P	43.56	47.62
13P	47.52	51.58
14P	51.48	55.54
15P	55.44	59.50

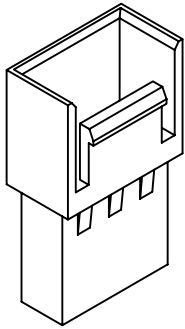
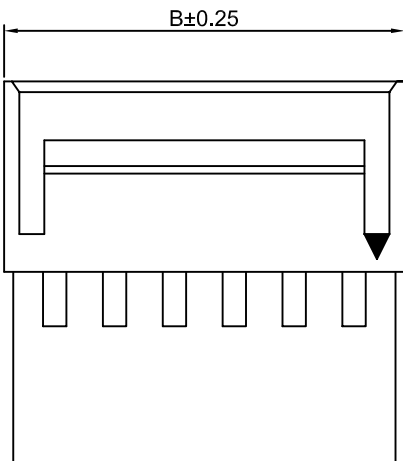
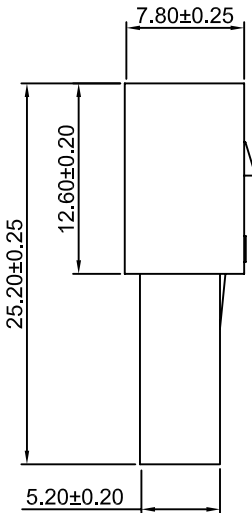
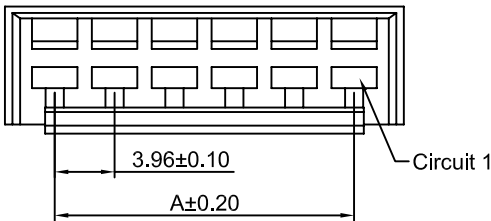
Unit: mm

A3963HM-XP

3.96mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A3963M series Terminal
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	10.64
3P	7.92	14.60
4P	11.88	18.56
5P	15.84	22.52
6P	19.80	26.48
7P	23.76	30.44
8P	27.72	34.40
9P	31.68	38.36
10P	35.64	42.32
11P	39.60	46.28
12P	43.56	50.24
13P	47.52	54.20
14P	51.48	58.16
15P	55.44	62.12

Unit: mm

CJTconn A3963 SERIES

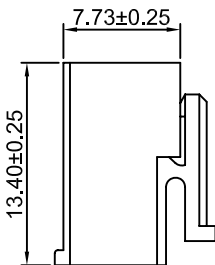
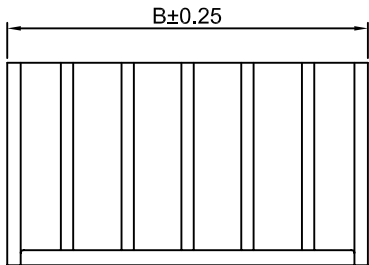
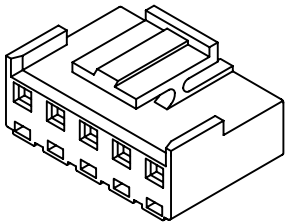
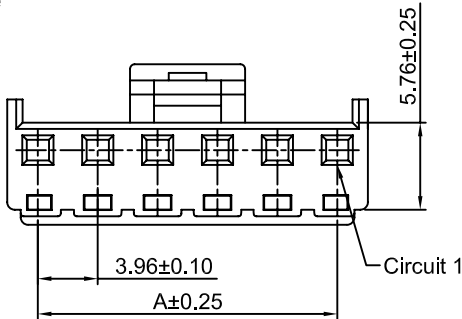
3.96mm pitch wire to board connector

A3963HA-XP

3.96mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A3963 series Terminal
- *Mates with CJT A3963 series Wafer
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	8.02
3P	7.92	11.98
4P	11.88	15.94
5P	15.84	19.90
6P	19.80	23.86
7P	23.76	27.82
8P	27.72	31.78
9P	31.68	35.74
10P	35.64	39.70
11P	39.60	43.66
12P	43.56	47.62
13P	47.52	51.58
14P	51.48	55.54
15P	55.44	59.50

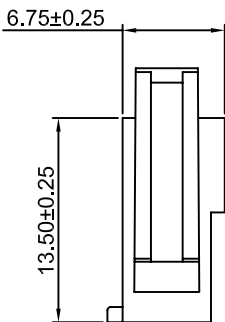
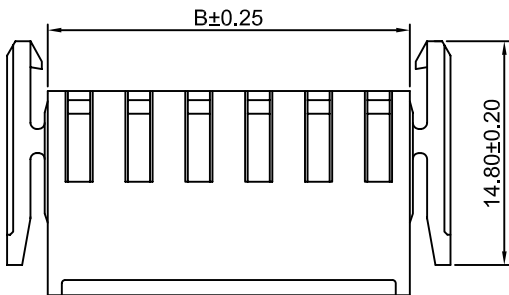
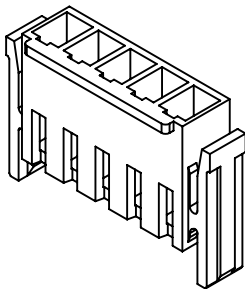
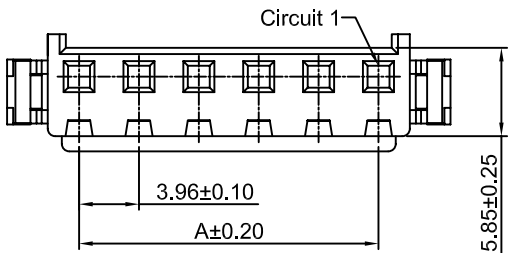
Unit: mm

A3963HB-XP

3.96mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A3963 series Terminal
- *Mates with CJT A3963WVB A3963WRB series Wafer
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	8.10
3P	7.92	12.06
4P	11.88	16.02
5P	15.84	19.98
6P	19.80	23.94
7P	23.76	27.90
8P	27.72	31.86
9P	31.68	35.82
10P	35.64	39.78
11P	39.60	43.74
12P	43.56	47.70
13P	47.52	51.66
14P	51.48	55.62
15P	55.44	59.58

Unit: mm

CJTconn A3963 SERIES

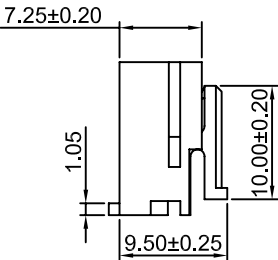
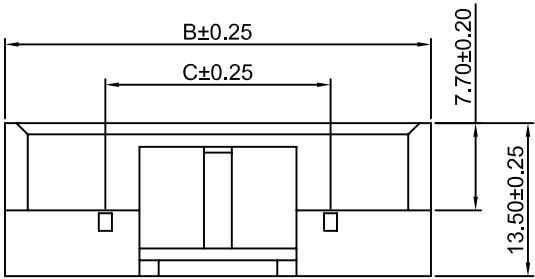
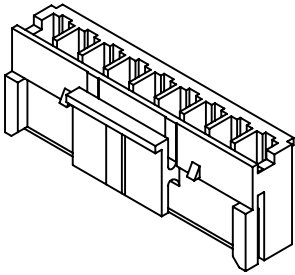
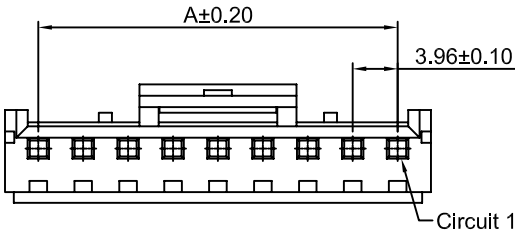
3.96mm pitch wire to board connector

A3963HC-XP

3.96mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A3963 series Terminal
- *Mates with CJT A3963 series Wafer
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions		
	A	B	C
2P	3.96	9.63	----
3P	7.92	13.59	----
4P	11.88	17.55	----
5P	15.84	21.51	----
6P	19.80	25.47	7.97
7P	23.76	29.43	11.93
8P	27.72	33.39	15.89
9P	31.68	37.35	19.85
10P	35.64	41.31	23.81
11P	39.60	45.27	27.77
12P	43.56	49.23	31.73
13P	47.52	53.19	35.69
14P	51.48	57.15	39.65
15P	55.44	61.11	43.61

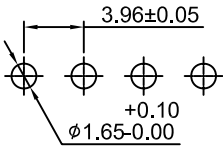
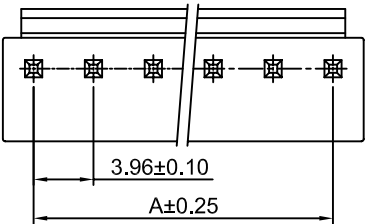
Unit: mm

A3963WV-XP

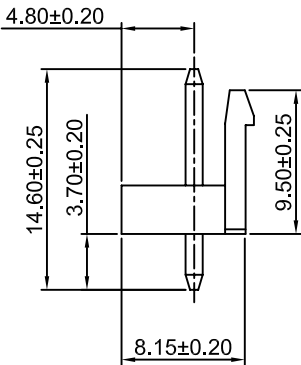
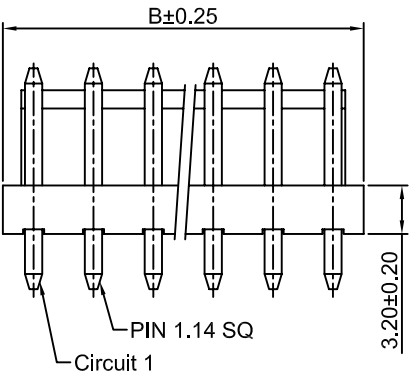
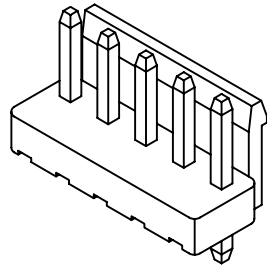
3.96mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	7.92
3P	7.92	11.88
4P	11.88	15.84
5P	15.84	19.80
6P	19.80	23.76
7P	23.76	27.72
8P	27.72	31.68
9P	31.68	35.64
10P	35.64	39.60
11P	39.60	43.56
12P	43.56	47.52
13P	47.52	51.48
14P	51.48	55.44
15P	55.44	59.40

Unit: mm

CJTconn A3963 SERIES

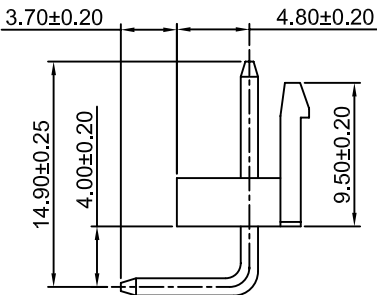
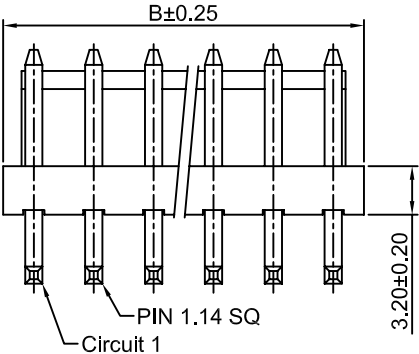
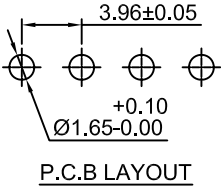
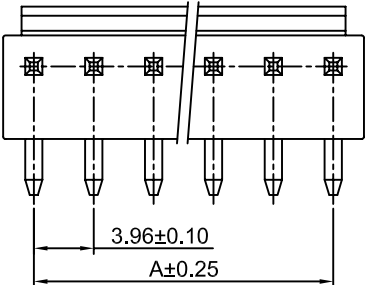
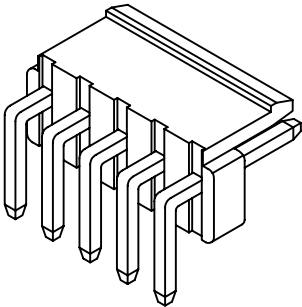
3.96mm pitch wire to board connector

A3963WR-XP

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	7.92
3P	7.92	11.88
4P	11.88	15.84
5P	15.84	19.80
6P	19.80	23.76
7P	23.76	27.72
8P	27.72	31.68
9P	31.68	35.64
10P	35.64	39.60
11P	39.60	43.56
12P	43.56	47.52
13P	47.52	51.48
14P	51.48	55.44
15P	55.44	59.40

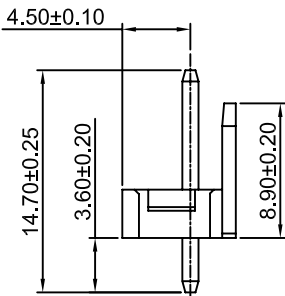
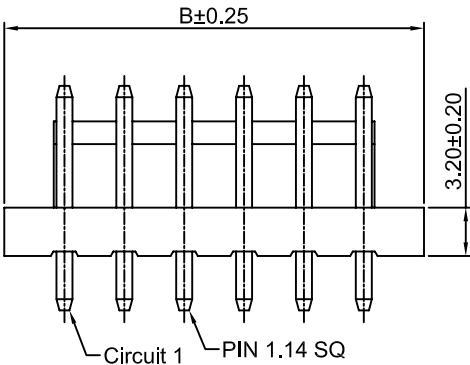
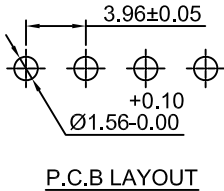
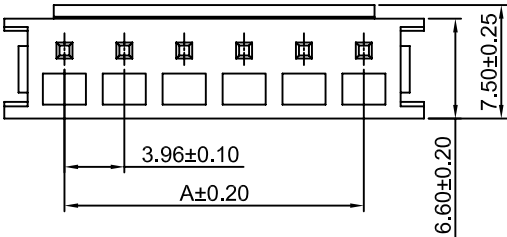
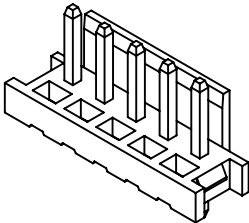
Unit: mm

A3963WVB-XP

3.96mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963HB series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	11.92
3P	7.92	15.88
4P	11.88	19.84
5P	15.84	23.80
6P	19.80	27.76
7P	23.76	31.72
8P	27.72	35.68
9P	31.68	39.64
10P	35.64	43.60
11P	39.60	47.56
12P	43.56	51.52
13P	47.52	55.48
14P	51.48	59.44
15P	55.44	63.40

Unit: mm

CJTconn A3963 SERIES

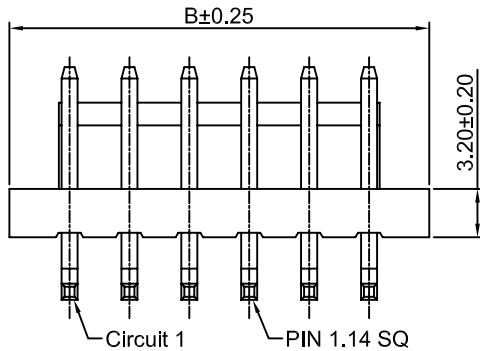
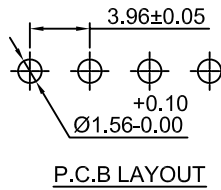
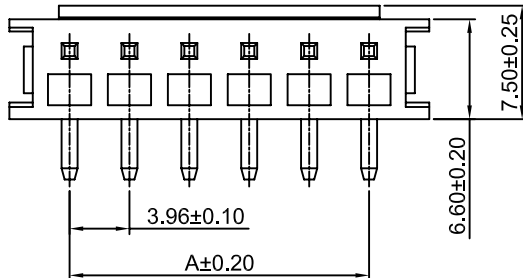
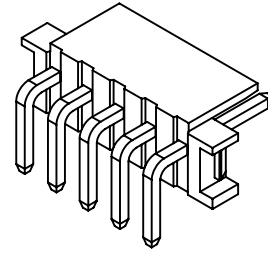
3.96mm pitch wire to board connector

A3963WRB-XP

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963HB series Housing
- *Color:Beige



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	11.92
3P	7.92	15.88
4P	11.88	19.84
5P	15.84	23.80
6P	19.80	27.76
7P	23.76	31.72
8P	27.72	35.68
9P	31.68	39.64
10P	35.64	43.60
11P	39.60	47.56
12P	43.56	51.52
13P	47.52	55.48
14P	51.48	59.44
15P	55.44	63.40

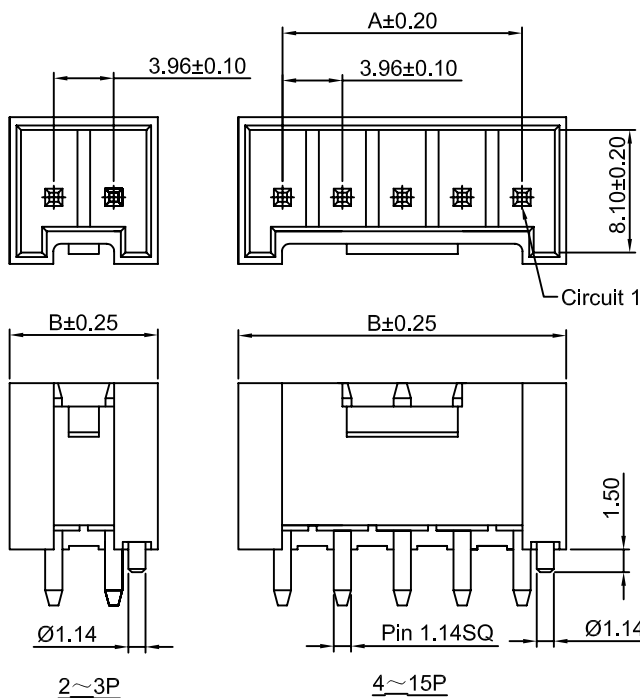
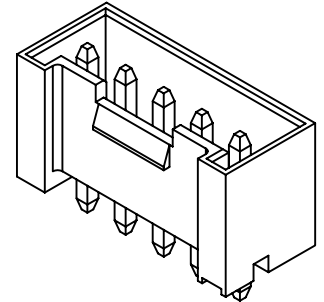
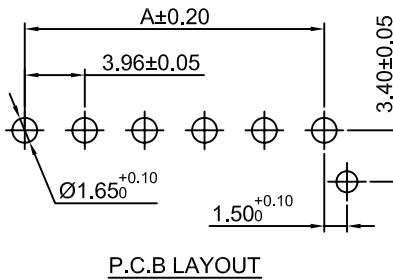
Unit: mm

A3963WVD-F-XP

3.96mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+30%GF,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:White



Ordering Information & Dimensions:

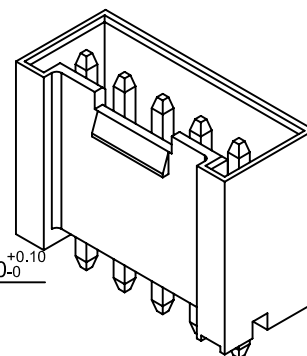
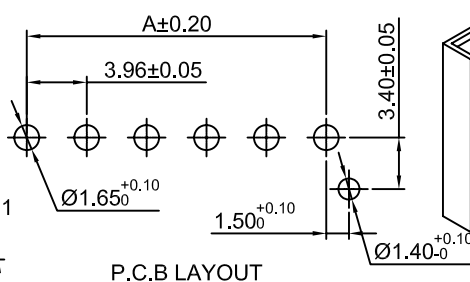
PART NO.	Dimensions	
	A	B
2P	3.96	9.80
3P	7.92	13.76
4P	11.88	17.72
5P	15.84	21.68
6P	19.80	25.64
7P	23.76	29.60
8P	27.72	33.56
9P	31.68	37.52
10P	35.64	41.48
11P	39.60	45.44
12P	43.56	49.40
13P	47.52	53.36
14P	51.48	57.32
15P	55.44	61.28

Unit: mm

3.96mm pitch wire to board connector

-3.96mm pitch 180° Wafer.

*Color:White

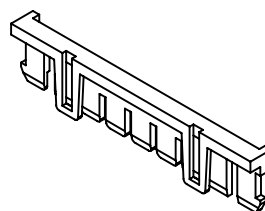
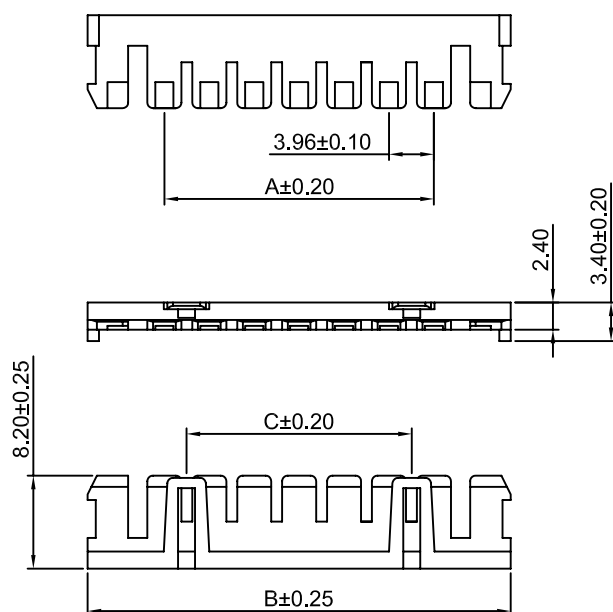


PART NO.	Dimensions	
	A	B
2P	3.96	9.80
3P	7.92	13.76
4P	11.88	17.72
5P	15.84	21.68
6P	19.80	25.64
7P	23.76	29.60
8P	27.72	33.56
9P	31.68	37.52
10P	35.64	41.48
11P	39.60	45.44
12P	43.56	49.40
13P	47.52	53.36
14P	51.48	57.32
15P	55.44	61.28

Unit: mm

-3.96mm pitch Interface Seal

*Color:Red



PART NO.	Dimensions		
	A	B	C
2P	----	9.58	----
3P	----	13.54	----
4P	3.96	17.50	----
5P	7.92	21.46	----
6P	11.88	25.42	7.97
7P	15.84	29.38	11.93
8P	19.80	33.34	15.89
9P	23.76	37.30	19.85
10P	27.72	41.26	23.81
11P	31.68	45.22	27.77
12P	35.64	49.18	31.73
13P	39.60	53.14	35.69
14P	43.56	57.10	39.65
15P	47.52	61.06	43.61

Unit: mm

CJTconn A3963 SERIES

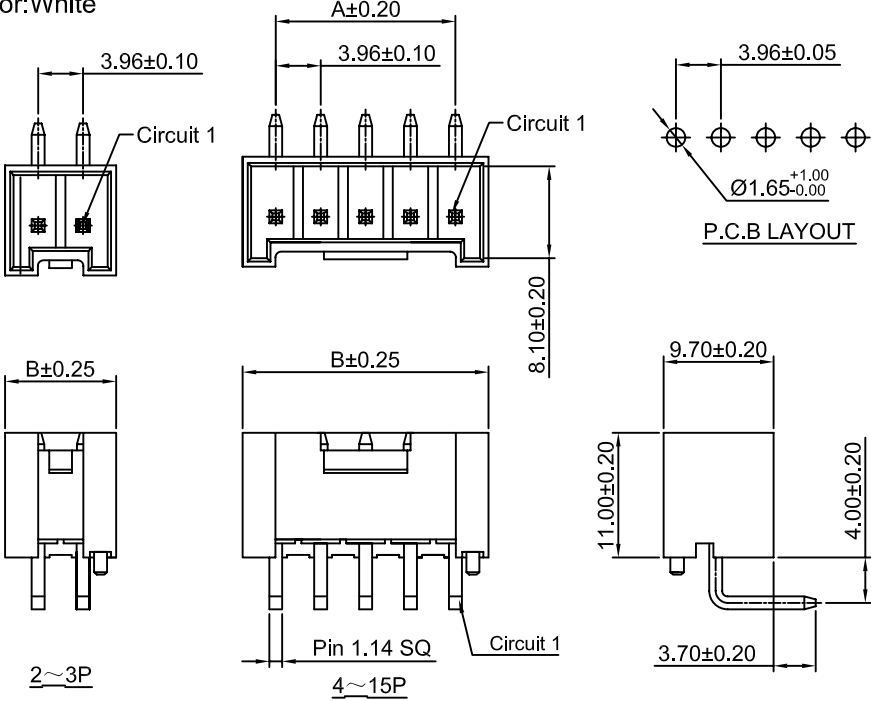
3.96mm pitch wire to board connector

A3963WRD-XP

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+30%GF,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	9.80
3P	7.92	13.76
4P	11.88	17.72
5P	15.84	21.68
6P	19.80	25.64
7P	23.76	29.60
8P	27.72	33.56
9P	31.68	37.52
10P	35.64	41.48
11P	39.60	45.44
12P	43.56	49.40
13P	47.52	53.36
14P	51.48	57.32
15P	55.44	61.28

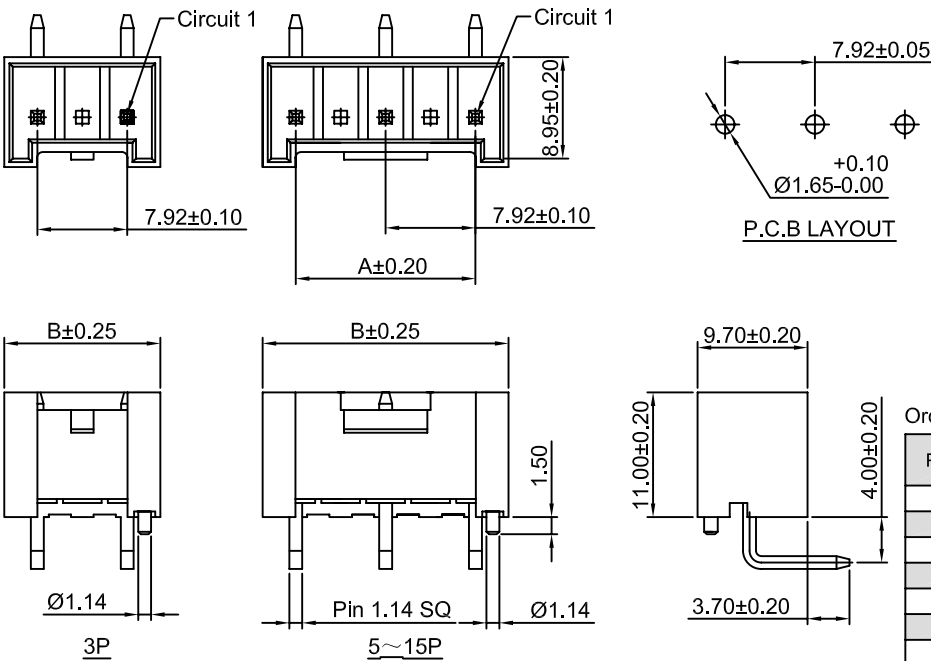
Unit: mm

A3963WRD-XP-A

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+30%GF,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	13.76
5P	15.84	21.68
7P	23.76	29.60
9P	31.68	37.52
11P	39.60	45.44
13P	47.52	53.36
15P	55.44	61.28

CJTconn A3963 SERIES

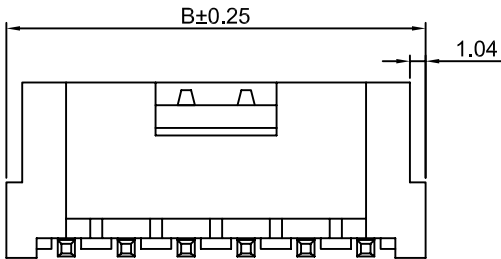
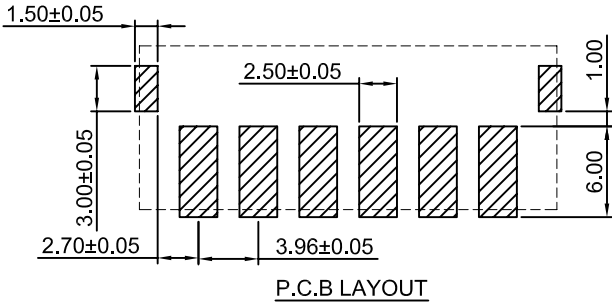
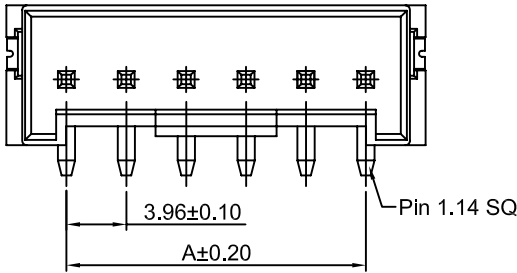
3.96mm pitch wire to board connector

A3963WVD-S-XP

3.96mm pitch 180° Wafer - SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor bronze/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	11.88
3P	7.92	15.84
4P	11.88	19.80
5P	15.84	23.76
6P	19.80	27.72
7P	23.76	31.68
8P	27.72	35.64
9P	31.68	39.60
10P	35.64	43.56

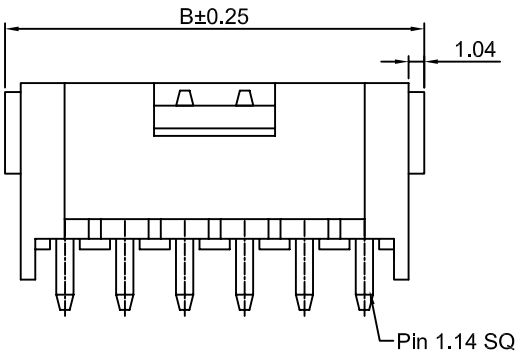
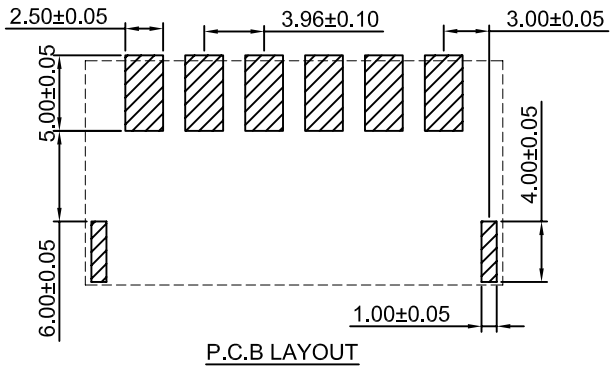
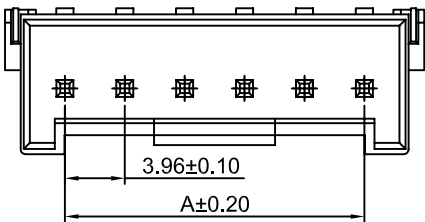
Unit: mm

A3963WRD-S-XP

3.96mm pitch 90° Wafer - SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor bronze/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	11.88
3P	7.92	15.84
4P	11.88	19.80
5P	15.84	23.76
6P	19.80	27.72
7P	23.76	31.68
8P	27.72	35.64
9P	31.68	39.60
10P	35.64	43.56

Unit: mm

CJTconn A3963 SERIES

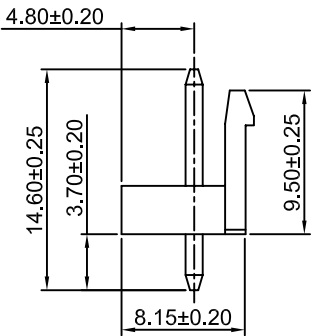
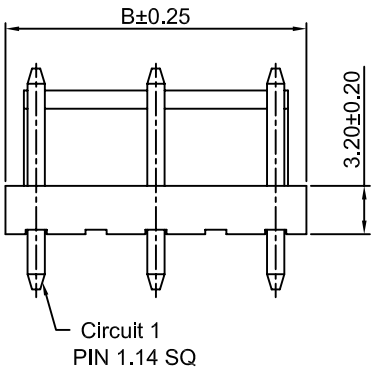
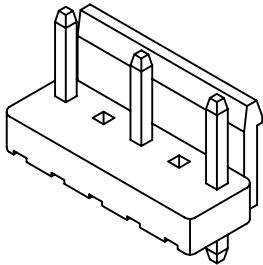
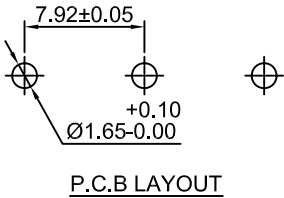
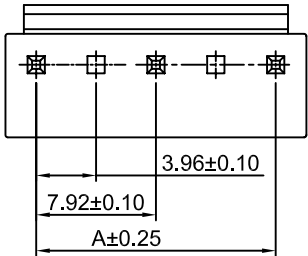
7.92mm pitch wire to board connector

A3963WV-XP-A

7.92mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	11.88
5P	15.84	19.80
7P	23.76	27.72
9P	31.68	35.64
11P	39.60	43.56
13P	47.52	51.48
15P	55.44	59.40

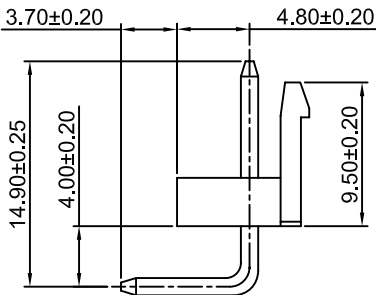
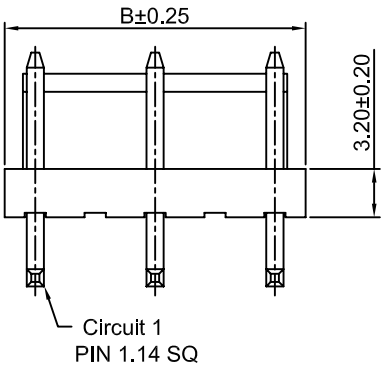
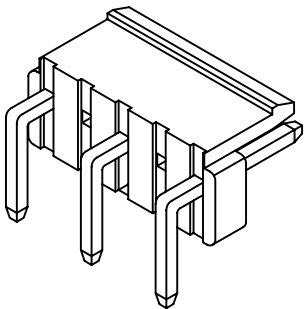
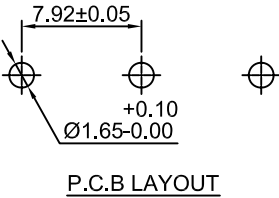
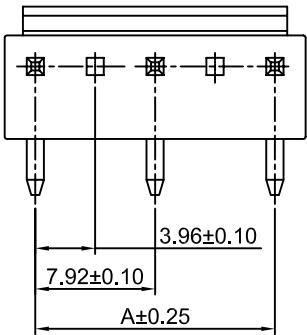
Unit: mm

A3963WR-XP-A

7.92mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	11.88
5P	15.84	19.80
7P	23.76	27.72
9P	31.68	35.64
11P	39.60	43.56
13P	47.52	51.48
15P	55.44	59.40

Unit: mm

CJTconn A3963 SERIES

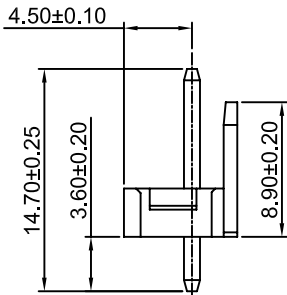
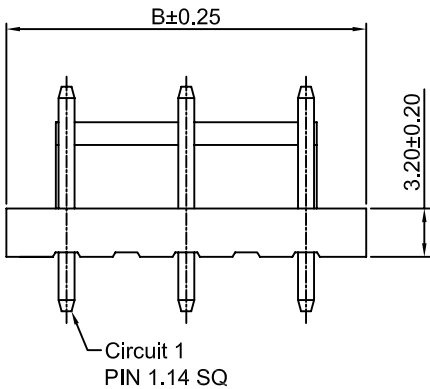
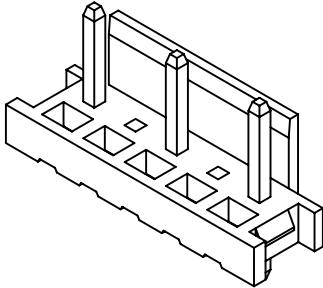
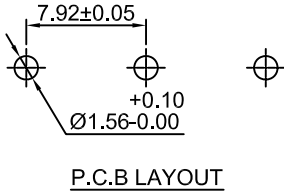
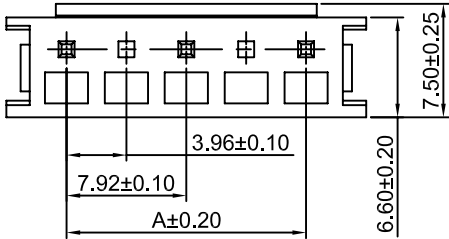
7.92mm pitch wire to board connector

A3963WVB-XP-A

7.92mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963HB series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	15.88
5P	15.84	23.80
7P	23.76	31.72
9P	31.68	39.64
11P	39.60	47.56
13P	47.52	55.48
15P	55.44	63.40

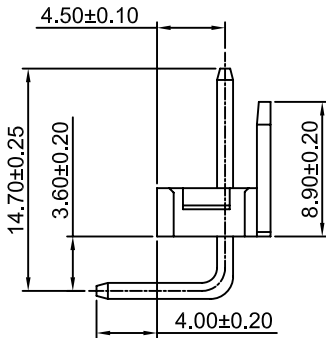
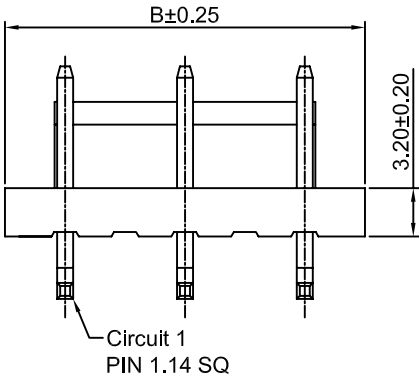
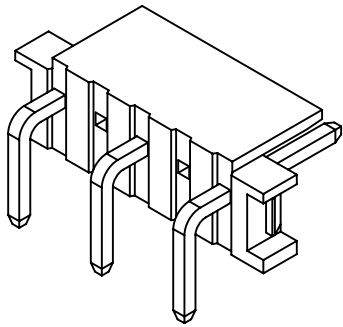
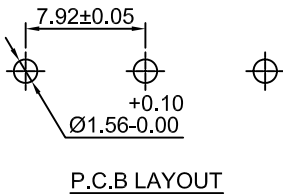
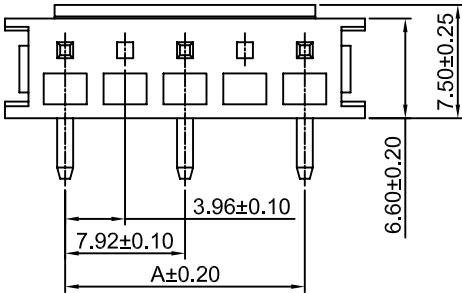
Unit: mm

A3963WRB-XP-A

7.92mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963HB series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	15.88
5P	15.84	23.80
7P	23.76	31.72
9P	31.68	39.64
11P	39.60	47.56
13P	47.52	55.48
15P	55.44	63.40

Unit: mm

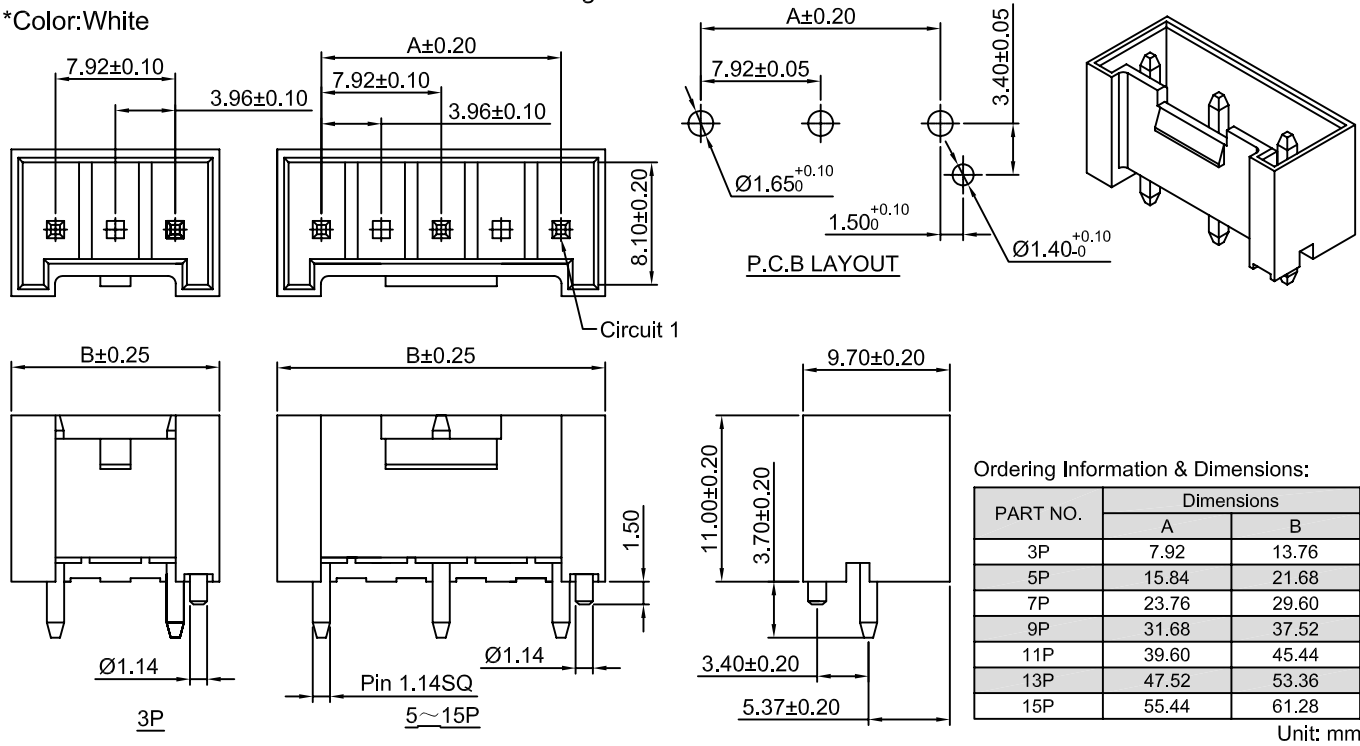
CJTconn A3963 SERIES

7.92mm pitch wire to board connector

A3963WVD-F-XP-A — 7.92mm pitch 180° Wafer

Reference Informations:

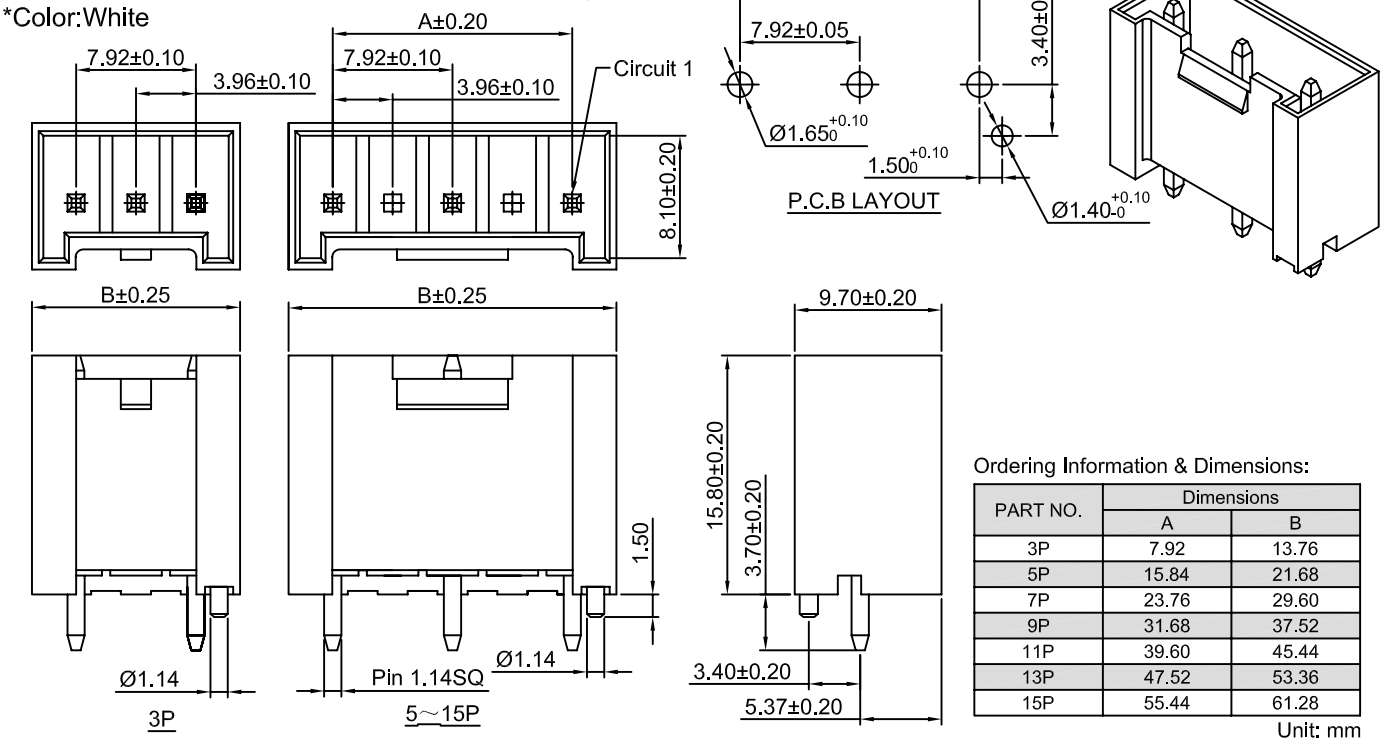
- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+30%GF,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:White



A3963WVD-F-XP-H-A — 7.92mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:PBT+30%GF,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:White



CJTconn A3963 SERIES

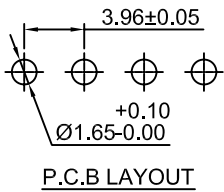
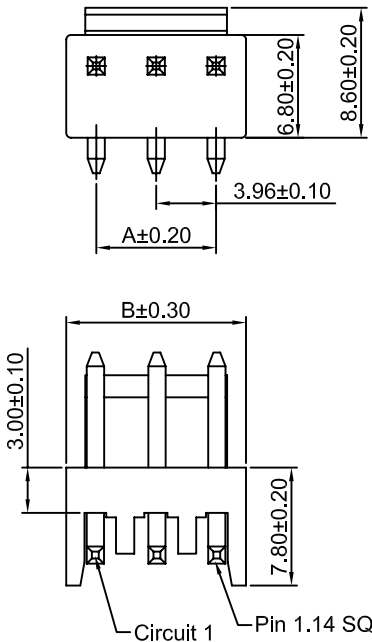
3.96mm pitch wire to board connector

A3963WRH-XP

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
2P	3.96	7.92
3P	7.92	11.88
4P	11.88	15.84
5P	15.84	19.80
6P	19.80	23.76
7P	23.76	27.72
8P	27.72	31.68
9P	31.68	35.64
10P	35.64	39.60
11P	39.60	43.56
12P	43.56	47.52
13P	47.52	51.48
14P	51.48	55.44
15P	55.44	59.40

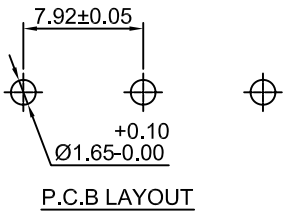
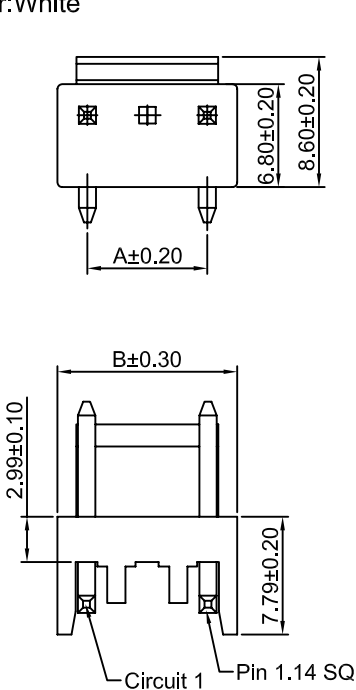
Unit: mm

A3963WRH-XP-A

3.96mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Brass/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A3963 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	11.88
5P	15.84	19.80
7P	23.76	27.72
9P	31.68	35.64
11P	39.60	43.56
13P	47.52	51.48
15P	55.44	59.40

Unit: mm

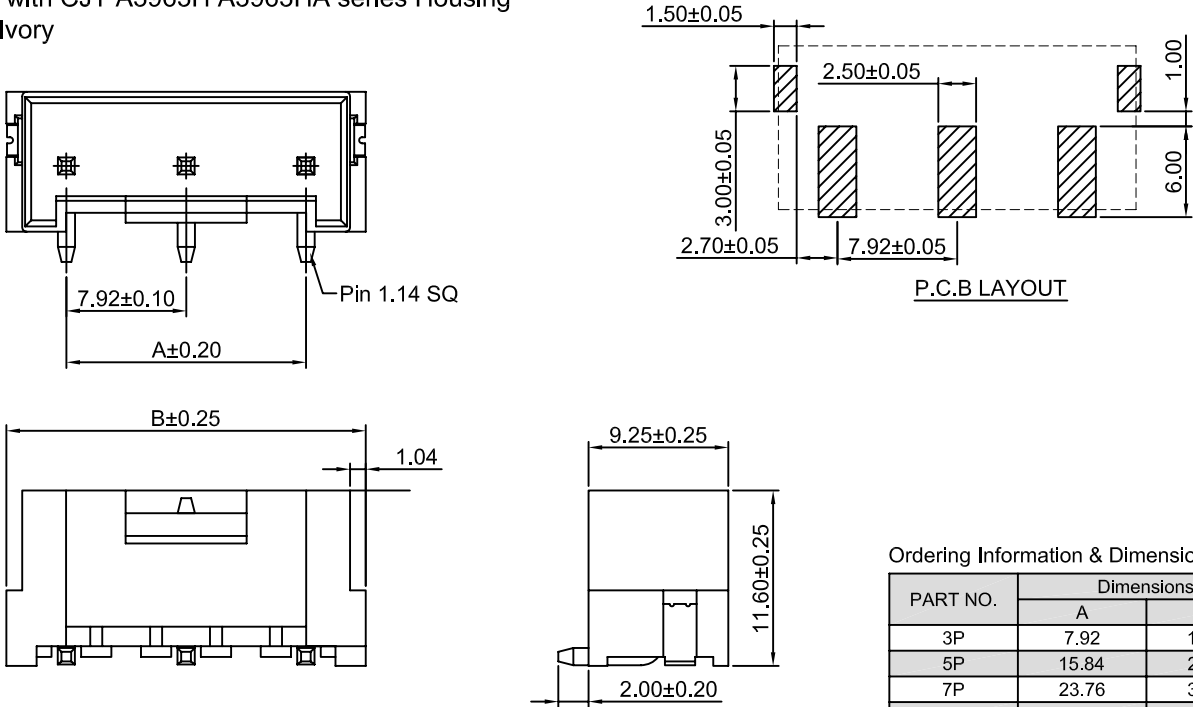
CJTconn A3963 SERIES

7.92mm pitch wire to board connector

A3963WVD-S-XP-A — 7.92mm pitch 180° Wafer - SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor bronze/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:Ivory



Ordering Information & Dimensions:

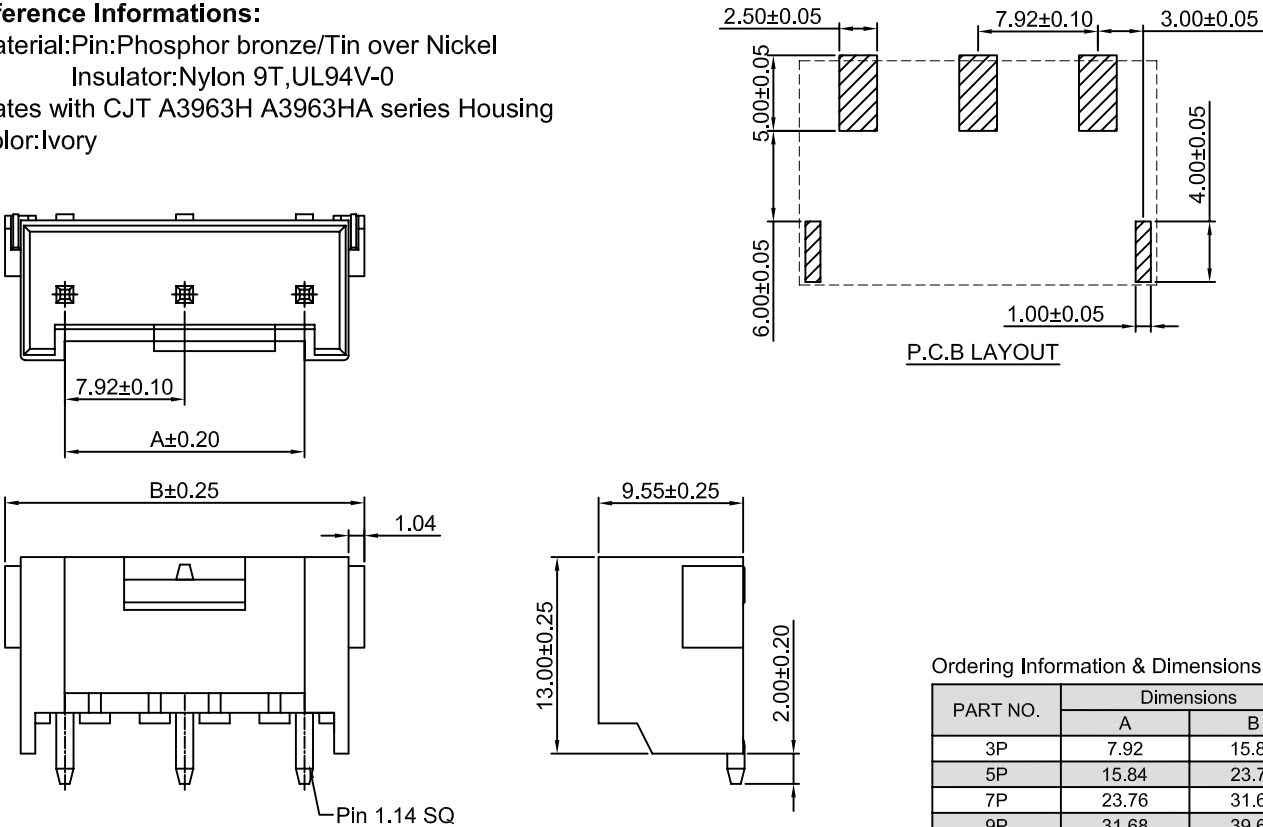
PART NO.	Dimensions	
	A	B
3P	7.92	15.84
5P	15.84	23.76
7P	23.76	31.68
9P	31.68	39.60

Unit: mm

A3963WRD-S-XP-A — 7.92mm pitch 90° Wafer - SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor bronze/Tin over Nickel
Insulator:Nylon 9T,UL94V-0
- *Mates with CJT A3963H A3963HA series Housing
- *Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
3P	7.92	15.84
5P	15.84	23.76
7P	23.76	31.68
9P	31.68	39.60

Unit: mm

CJTconn A3963 SERIES

7.92mm pitch wire to board connector

A7921WR-F-2P

7.92mm pitch 90° Wafer

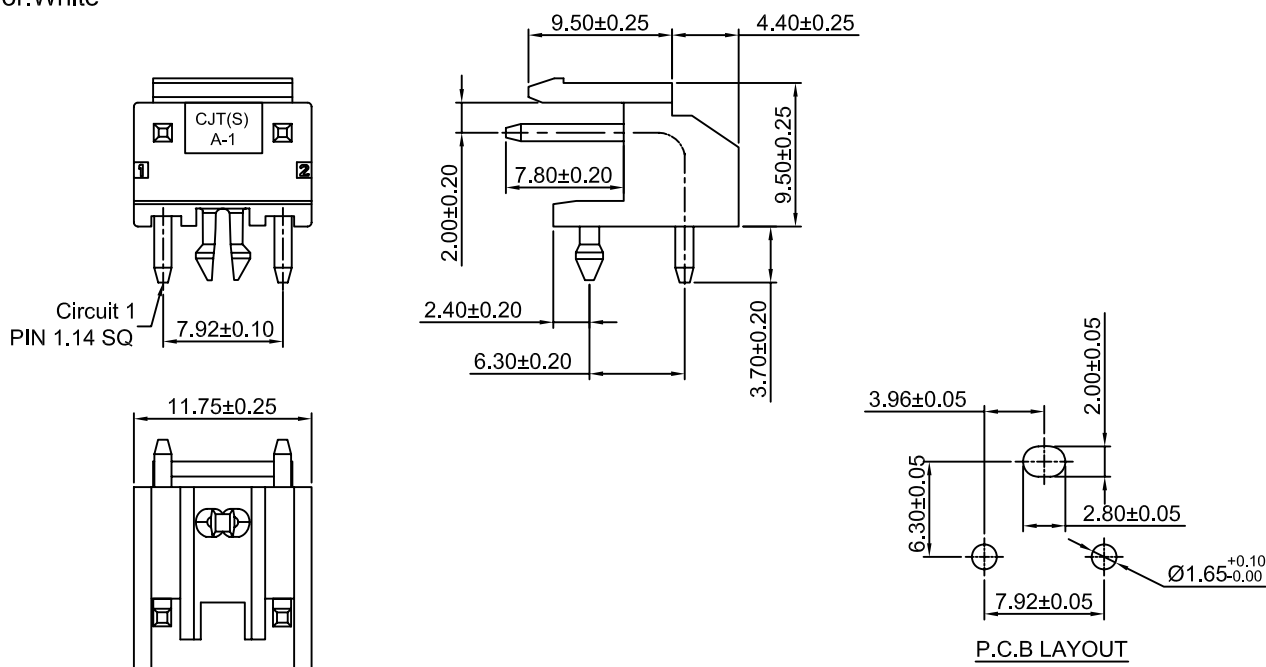
Reference Informations:

*Material:Pin:Brass/Tin over Nickel

Insulator:PBT,UL94V-0

*Mates with CJT A3963H-3P Housing

*Color:White



Unit: mm