



A1251 SERIES

1.25mm pitch wire to board and wire to wire connector

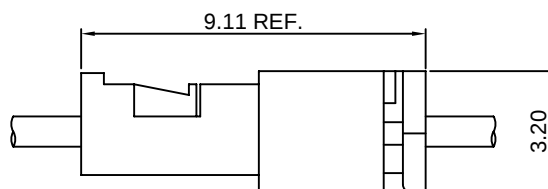
Specifications

Current rating:1A AC,DC
Voltage rating:125V AC,DC
Temperature range:-40°C~+105°C
Contact resistance:20mΩMax.
Insulation resistance:100MΩMin.
Withstanding voltage:500V AC/minute
Compliant with RoHS and REACH
Meet the HF/Halogen Free,need to customize
Contact CJT for details

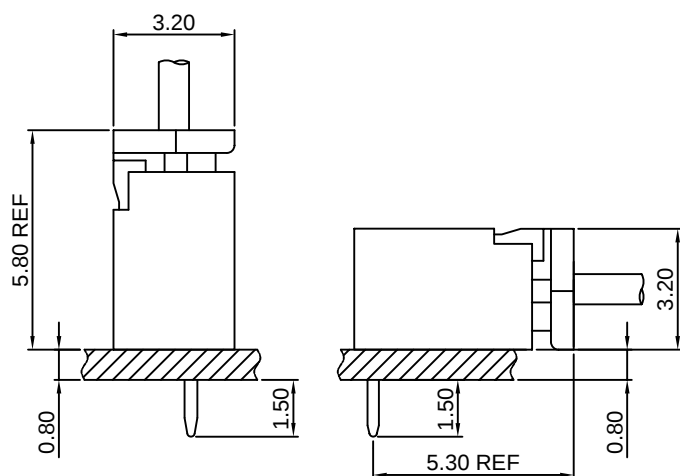
Standards



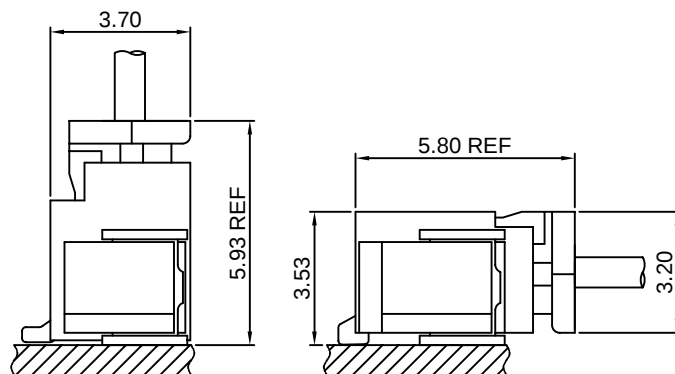
Assembly layout



WIRE TO WIRE



DIP YTYPE



SMT YTYPE



A1251 SERIES

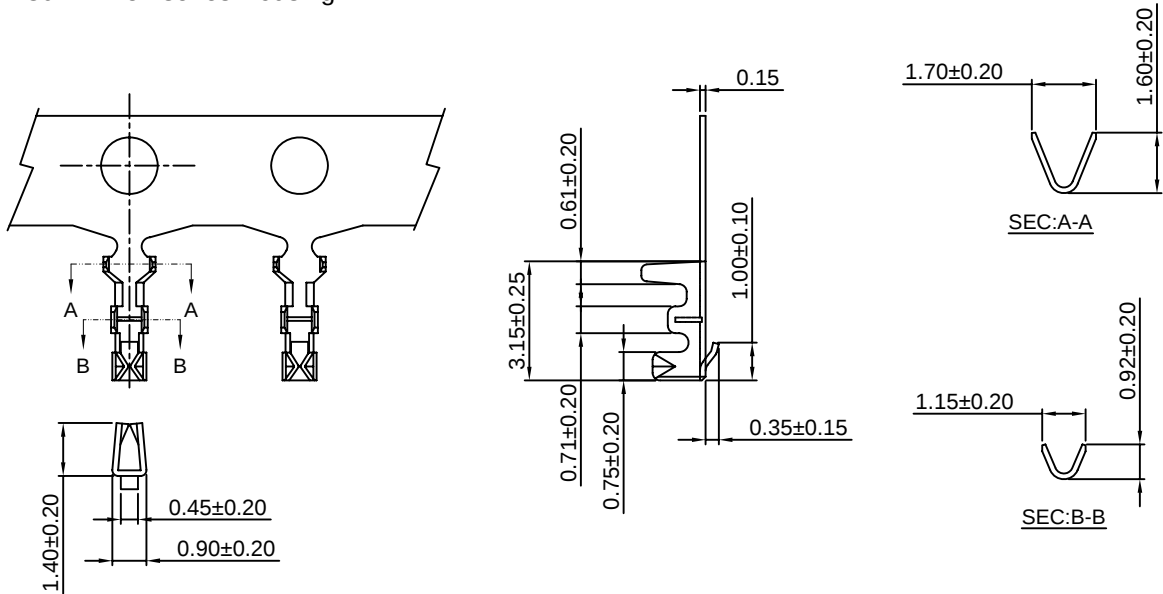
1.25mm pitch wire to board and wire to wire connector

A1251-T

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1251 series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1251-TP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
A1251-GP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

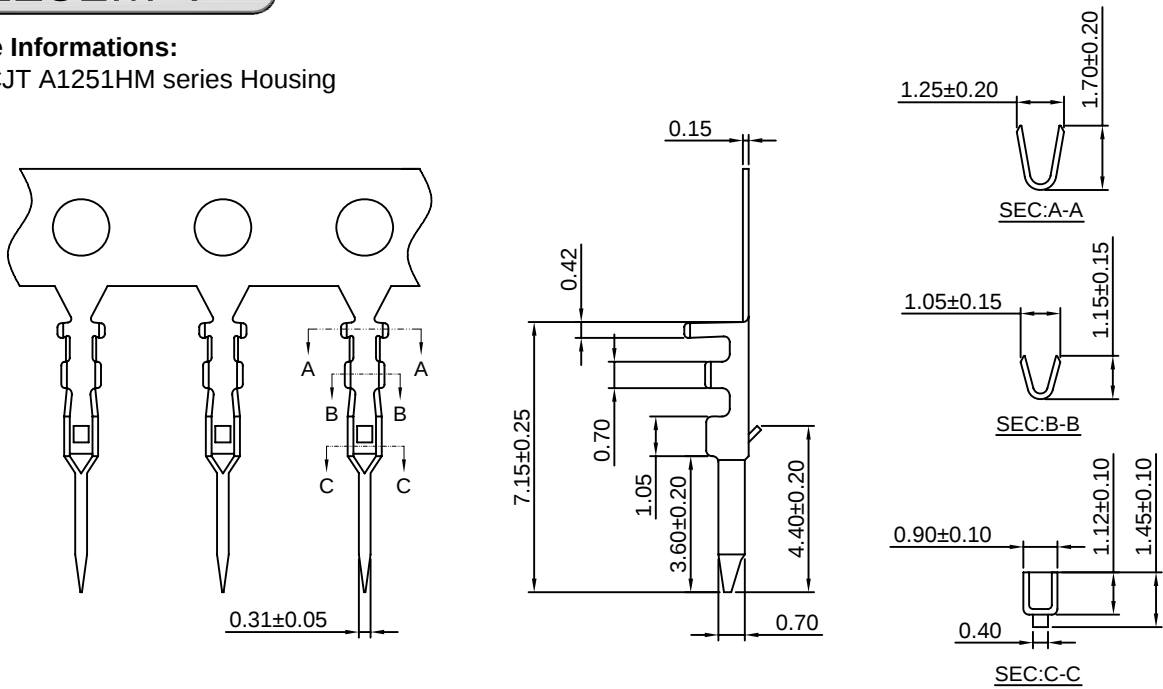
Optional Gold plating available but MOQ requested

A1251M-T

1.25mm pitch Crimp Terminal

Reference Informations:

*Used in CJT A1251HM series Housing



Ordering information & Specifications:

Unit:mm

Part NO.	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A1251M-TP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Tin over Nickel	15,000 PCS
A1251M-GP	AWG#28-#32	1.00mm(max)	Phosphor Bronze	Gold over Nickel	15,000 PCS

Optional Gold plating available but MOQ requested



A1251 SERIES

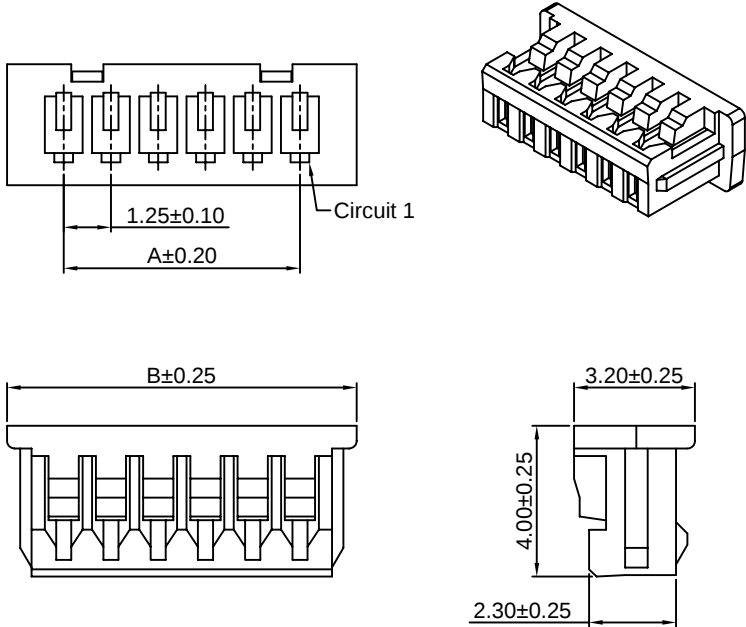
1.25mm pitch wire to board and wire to wire connector

A1251H

1.25mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A1251 series Terminal
- *Mates with CJT A1251 series Wafer
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251H-2P	1.25	4.25
A1251H-3P	2.50	5.50
A1251H-4P	3.75	6.75
A1251H-5P	5.00	8.00
A1251H-6P	6.25	9.25
A1251H-7P	7.50	10.50
A1251H-8P	8.75	11.75
A1251H-9P	10.00	13.00
A1251H-10P	11.25	14.25
A1251H-11P	12.50	15.50
A1251H-12P	13.75	16.75
A1251H-13P	15.00	18.00
A1251H-14P	16.25	19.25
A1251H-15P	17.50	20.50
A1251H-16P	18.75	15.50
A1251H-17P	20.00	16.75
A1251H-18P	21.25	18.00
A1251H-19P	22.50	19.25
A1251H-20P	23.75	20.50

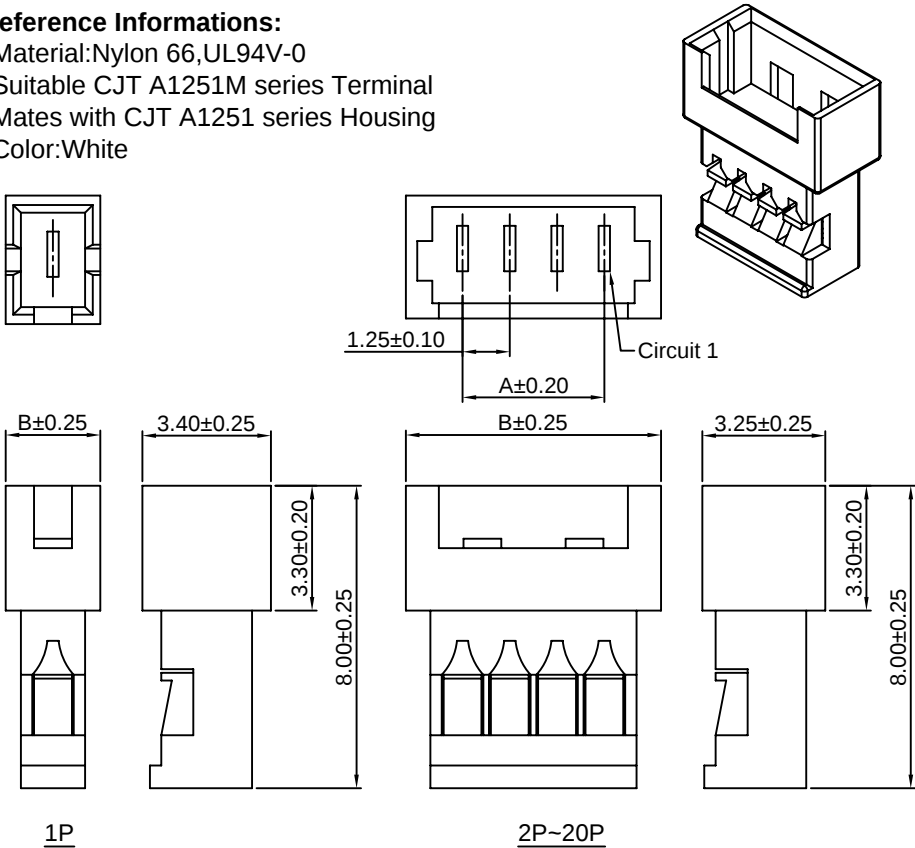
Unit: mm

A1251HM

1.25mm pitch Housing

Reference Informations:

- *Material:Nylon 66,UL94V-0
- *Suitable CJT A1251M series Terminal
- *Mates with CJT A1251 series Housing
- *Color:White



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251HM-1P	----	2.50
A1251HM-2P	1.25	4.25
A1251HM-3P	2.50	5.50
A1251HM-4P	3.75	6.75
A1251HM-5P	5.00	8.00
A1251HM-6P	6.25	9.25
A1251HM-7P	7.50	10.50
A1251HM-8P	8.75	11.75
A1251HM-9P	10.00	13.00
A1251HM-10P	11.25	14.25
A1251HM-11P	12.50	15.50
A1251HM-12P	13.75	16.75
A1251HM-13P	15.00	18.00
A1251HM-14P	16.25	19.25
A1251HM-15P	17.50	20.50
A1251HM-16P	18.75	15.50
A1251HM-17P	20.00	16.75
A1251HM-18P	21.25	18.00
A1251HM-19P	22.50	19.25
A1251HM-20P	23.75	20.50

Unit: mm



A1251 SERIES

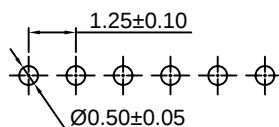
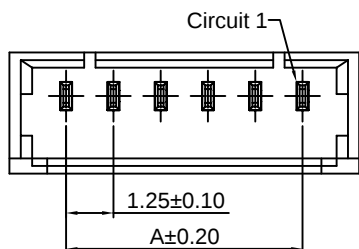
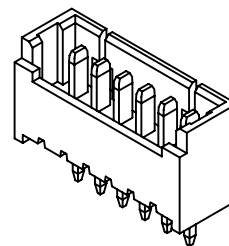
1.25mm pitch wire to board and wire to wire connector

A1251WV

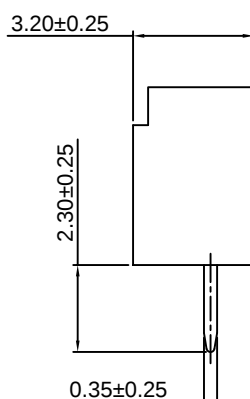
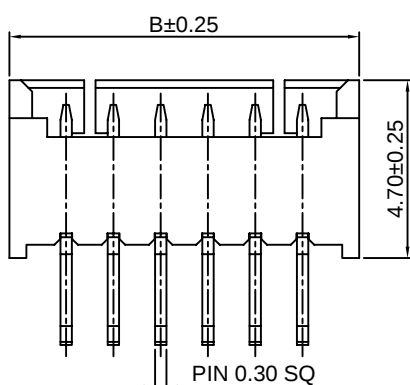
1.25mm pitch 180° Wafer

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A1251 series Housing
- *Color:Ivory



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251WV-2P	1.25	4.30
A1251WV-3P	2.50	5.55
A1251WV-4P	3.75	6.80
A1251WV-5P	5.00	8.05
A1251WV-6P	6.25	9.30
A1251WV-7P	7.50	10.55
A1251WV-8P	8.75	11.80
A1251WV-9P	10.00	13.05
A1251WV-10P	11.25	14.30
A1251WV-11P	12.50	15.55
A1251WV-12P	13.75	16.80
A1251WV-13P	15.00	18.05
A1251WV-14P	16.25	19.30
A1251WV-15P	17.50	20.55
A1251WV-16P	18.75	21.80
A1251WV-17P	20.00	23.05
A1251WV-18P	21.25	24.30
A1251WV-19P	22.50	25.55
A1251WV-20P	23.75	26.80

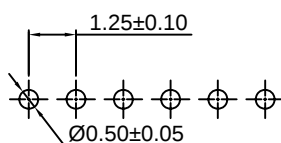
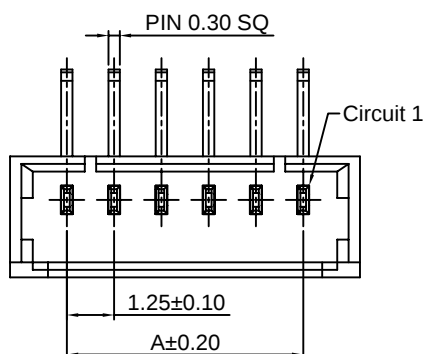
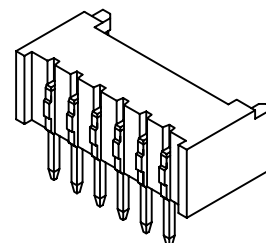
Unit: mm

A1251WR

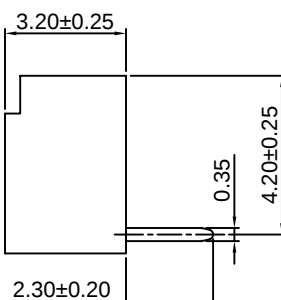
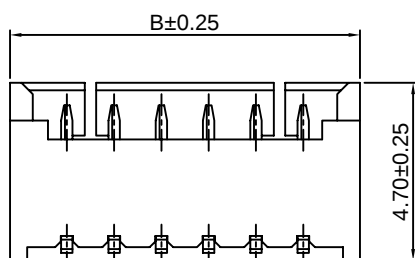
1.25mm pitch 90° Wafer

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 66,UL94V-0
- *Mates with CJT A1251 series Housing
- *Color:Ivory



P.C.B LAYOUT



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251WR-2P	1.25	4.30
A1251WR-3P	2.50	5.55
A1251WR-4P	3.75	6.80
A1251WR-5P	5.00	8.05
A1251WR-6P	6.25	9.30
A1251WR-7P	7.50	10.55
A1251WR-8P	8.75	11.80
A1251WR-9P	10.00	13.05
A1251WR-10P	11.25	14.30
A1251WR-11P	12.50	15.55
A1251WR-12P	13.75	16.80
A1251WR-13P	15.00	18.05
A1251WR-14P	16.25	19.30
A1251WR-15P	17.50	20.55
A1251WR-16P	18.75	21.80
A1251WR-17P	20.00	23.05
A1251WR-18P	21.25	24.30
A1251WR-19P	22.50	25.55
A1251WR-20P	23.75	26.80

Unit: mm



A1251 SERIES

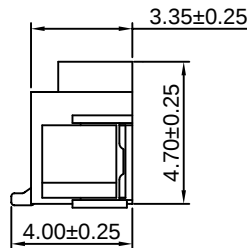
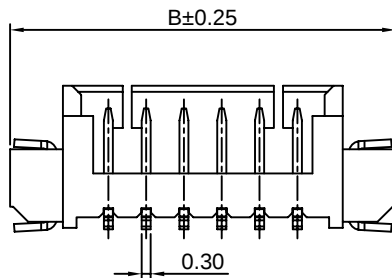
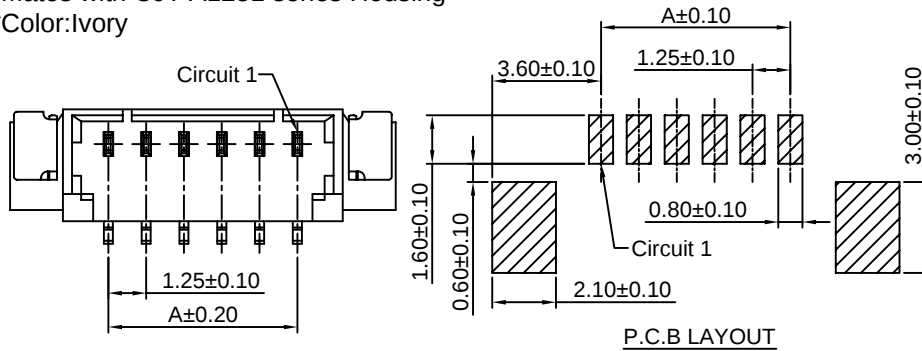
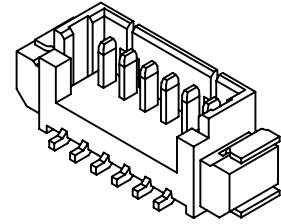
1.25mm pitch wire to board and wire to wire connector

A1251WV-S

1.25mm pitch 180° Wafer-SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
- *Mates with CJT A1251 series Housing
- *Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251WV-S-2P	1.25	7.75
A1251WV-S-3P	2.50	9.00
A1251WV-S-4P	3.75	10.25
A1251WV-S-5P	5.00	11.50
A1251WV-S-6P	6.25	12.75
A1251WV-S-7P	7.50	14.00
A1251WV-S-8P	8.75	15.25
A1251WV-S-9P	10.00	16.50
A1251WV-S-10P	11.25	17.75
A1251WV-S-11P	12.50	19.00
A1251WV-S-12P	13.75	20.25
A1251WV-S-13P	15.00	21.50
A1251WV-S-14P	16.25	22.75
A1251WV-S-15P	17.50	24.00
A1251WV-S-16P	18.75	25.25
A1251WV-S-17P	20.00	26.50
A1251WV-S-18P	21.25	27.75
A1251WV-S-19P	22.50	29.00
A1251WV-S-20P	23.75	30.25

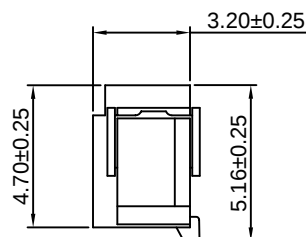
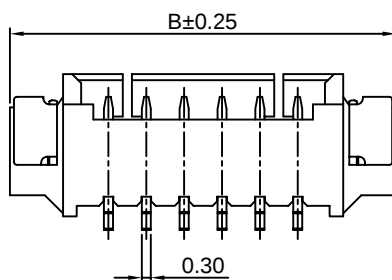
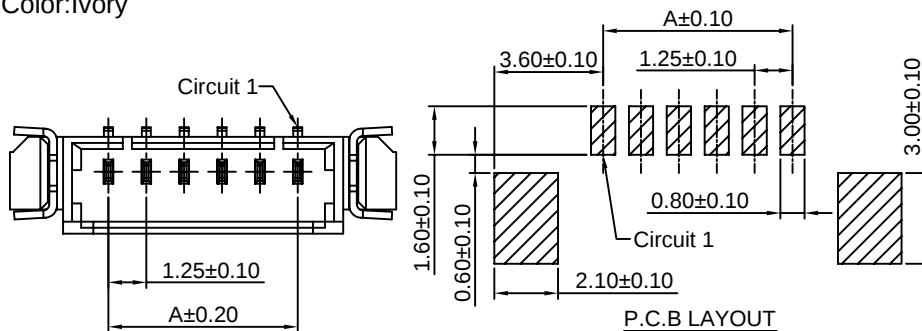
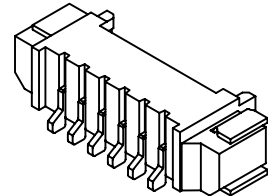
Unit: mm

A1251WR-S

1.25mm pitch 90° Wafer-SMT TYPE

Reference Informations:

- *Material:Pin:Phosphor Bronze/Tin over Nickel
Solder Tabs:Phosphor Bronze/Tin over Nickel
Insulator:Nylon 6T,UL94V-0
- *Mates with CJT A1251 series Housing
- *Color:Ivory



Ordering Information & Dimensions:

PART NO.	Dimensions	
	A	B
A1251WR-S-2P	1.25	7.75
A1251WR-S-3P	2.50	9.00
A1251WR-S-4P	3.75	10.25
A1251WR-S-5P	5.00	11.50
A1251WR-S-6P	6.25	12.75
A1251WR-S-7P	7.50	14.00
A1251WR-S-8P	8.75	15.25
A1251WR-S-9P	10.00	16.50
A1251WR-S-10P	11.25	17.75
A1251WR-S-11P	12.50	19.00
A1251WR-S-12P	13.75	20.25
A1251WR-S-13P	15.00	21.50
A1251WR-S-14P	16.25	22.75
A1251WR-S-15P	17.50	24.00
A1251WR-S-16P	18.75	25.25
A1251WR-S-17P	20.00	26.50
A1251WR-S-18P	21.25	27.75
A1251WR-S-19P	22.50	29.00
A1251WR-S-20P	23.75	30.25

Unit: mm