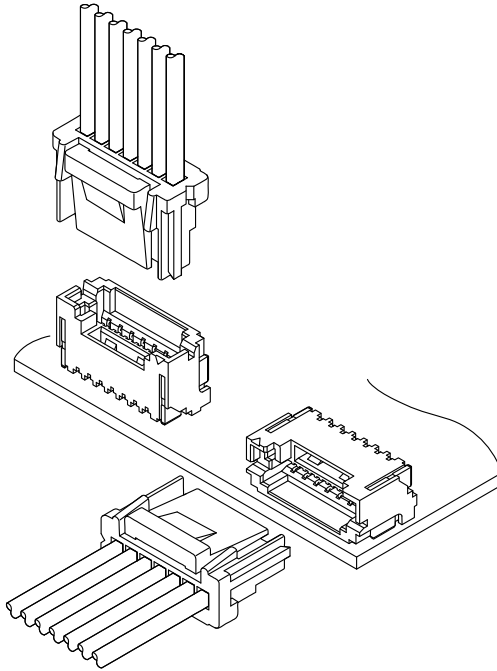


# A1502 ZE CONNECTOR

1.50mm Pitch/Disconnectable Crimp style connectors



The product is a strong locking connector with a pitch of 1.5mm.

By making the base terminal into a fork shape, a good plug feeling can be obtained, and the plug operation can be carried out reliably.



- Secure locking structure
- Low insertion force
- Suction area for picking up
- Improvement of engagement with prying

## Specifications:

- Current rating: 2.0 A / AC,DC
- Voltage rating: 125 V AC/DC
- Temperature range: -25°C ~ +105°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20m Ω max  
Insulation resistance: 500 M Ω min  
Withstanding voltage: 500 VAC/minute  
Applicable wire: Conductor size/ AWG#30~#24  
Insulation O.D./ 0.60 to 1.10 mm

- \* Compliant with RoHS2/ REACH
- \* Refer to "General Instruction and Notice when using Terminals and Connectors"
- \* Contact CSG for details

Material:

Housing: PBT/UL94-V0;Color:White

Terminal: Phosphor/ Tin-plated

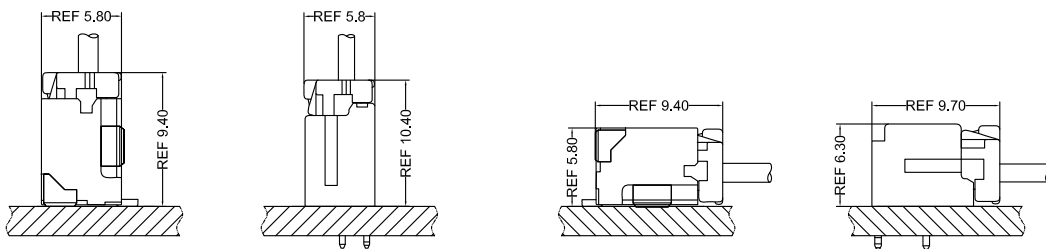
DIP Wafer Housing: PA66,UL94-V0;Color:White

DIP Wafer Pin: Brass/ Tin-plated

SMT Wafer Housing: PA9T,UL94-V0;Color:Beige

SMT Wafer Pin: Phosphor/ Tin-plated

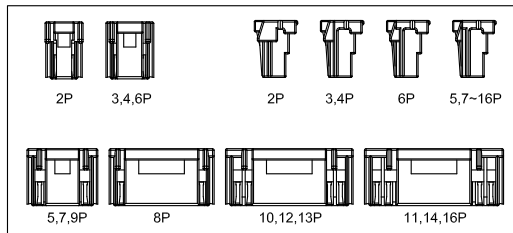
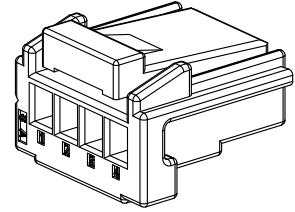
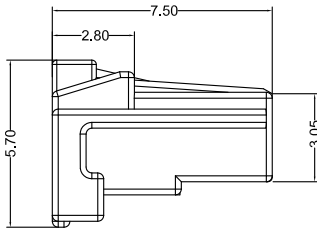
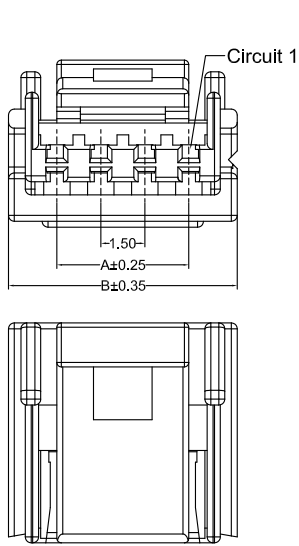
SMT Wafer Fixed Foot: Brass/ Tin-plated



- Note: 1. The above figure is the figure viewed from the connector mounting side.  
2. Tolerances are non-cumulative:  $\pm 0.08$  mm for all centers.  
3. The dimensions above should serve as a guideline. Contact CSG for details.

**CSG**

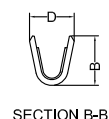
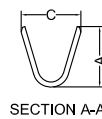
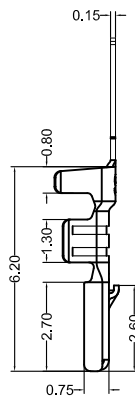
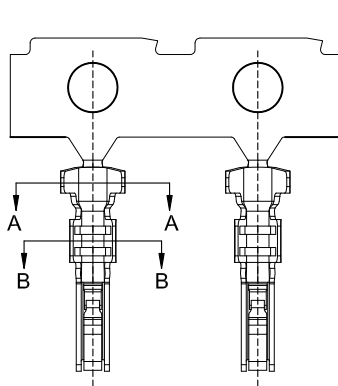
# A1502 ZE



SCALE 0.4:1

A1502HF 0XX AK P6 9 109  
 PIN  
 005=5PINS  
 SPECIAL  
 AK=BUCKLE  
 Material  
 P6=PA66 94V-0  
 Code  
 109  
 Color  
 9=White

CSG PART NO.	Dimension mm		Qty/BAG
	A	B	
A1502HF002AKP69109	1.50	5.00	1000PCS
A1502HF003AKP69109	3.00	6.50	1000PCS
A1502HF004AKP69109	4.50	8.00	1000PCS
A1502HF005AKP69109	6.00	9.50	1000PCS
A1502HF006AKP69109	7.50	11.00	1000PCS
A1502HF007AKP69109	9.00	12.50	1000PCS
A1502HF008AKP69109	10.50	14.00	1000PCS
A1502HF009AKP69109	12.00	15.50	1000PCS
A1502HF010AKP69109	13.50	17.00	1000PCS
A1502HF011AKP69109	15.00	18.50	1000PCS
A1502HF012AKP69109	16.50	20.00	1000PCS
A1502HF013AKP69109	18.00	21.50	1000PCS
A1502HF014AKP69109	19.50	23.00	1000PCS
A1502HF015AKP69109	21.00	24.50	1000PCS

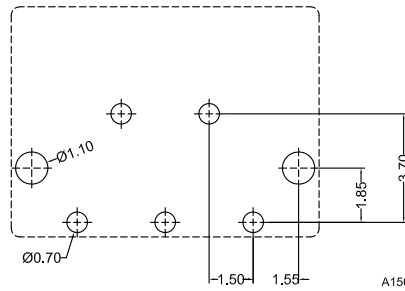
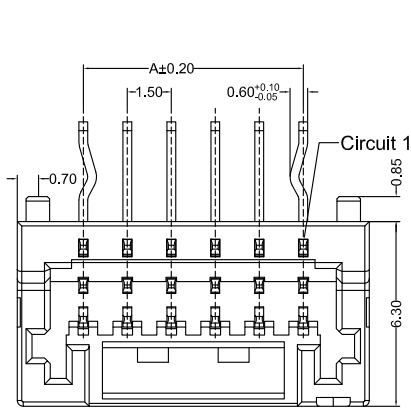


A1502 M X A TP 109  
 Type  
 M=Female Terminal  
 SPECIAL  
 J=Short  
 H=High  
 Material  
 A=Phosphor  
 Finish  
 TP=Tin-Plated  
 Code  
 109

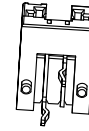
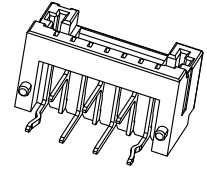
CSG PART NO.	A	B	C	D	Wire Range	Insulation O.D.	Q'ty/Reel
A1502MJATP109	1.40	0.65	1.65	1.00	AWG#26-#30	1.20mm(max)	10000PCS
A1502MHATP109	1.85	1.45	1.95	1.40	AWG#24-#28	1.20mm(max)	10000PCS



# A1502 ZE



Recommended P.C.B Layout  
General Tolerance±0.05

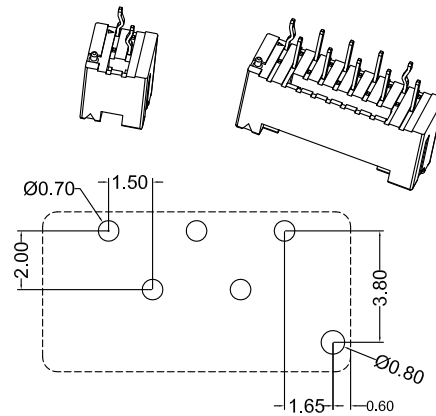
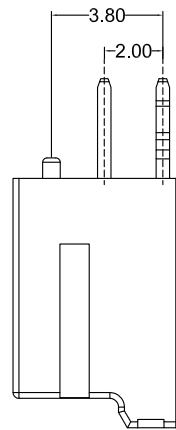
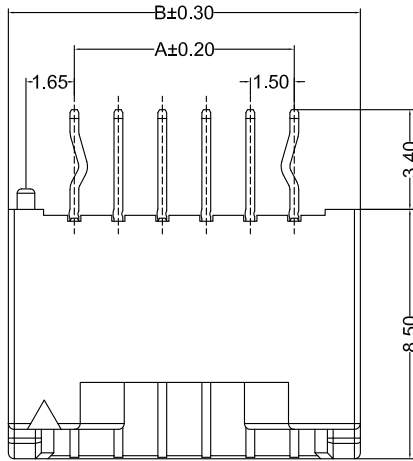
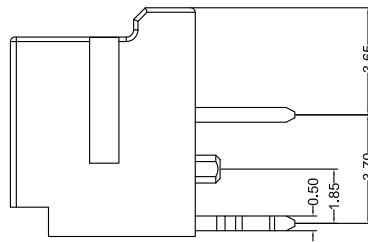
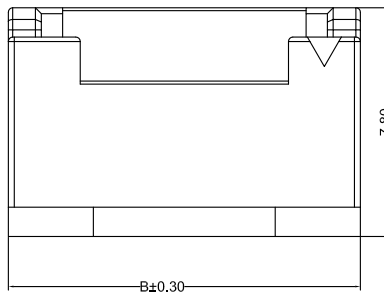


A1502RD.0XX PK P6 TP A 9 001

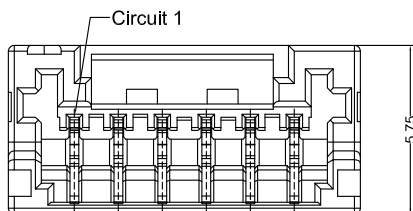
PIN  
002=2PINS  
SPECIAL  
PK=Orientation K  
Material  
P6=PA66 94V-0  
Finish  
TP=Terminal Tin-Plated

Code  
001  
Color  
9=White  
Packing  
A=TUBE

CSG PART NO.	Dimension mm		Moq
	A	B	
A1502RD002PKP6TPA9001	1.50	6.00	1000PCS
A1502RD003PKP6TPA9001	3.00	7.50	1000PCS
A1502RD004PKP6TPA9001	4.50	9.00	1000PCS
A1502RD005PKP6TPA9001	6.00	10.50	1000PCS
A1502RD006PKP6TPA9001	7.50	12.00	1000PCS
A1502RD007PKP6TPA9001	9.00	13.50	1000PCS
A1502RD008PKP6TPA9001	10.50	15.00	1000PCS
A1502RD009PKP6TPA9001	12.00	16.50	1000PCS
A1502RD010PKP6TPA9001	13.50	18.00	1000PCS
A1502RD011PKP6TPA9001	15.00	19.50	1000PCS
A1502RD012PKP6TPA9001	16.50	21.00	1000PCS
A1502RD013PKP6TPA9001	18.00	22.50	1000PCS
A1502RD014PKP6TPA9001	19.50	24.00	1000PCS
A1502RD015PKP6TPA9001	21.00	25.50	1000PCS
A1502RD016PKP6TPA9001	22.50	27.00	1000PCS



Recommended P.C.B Layout  
General Tolerance±0.05



A1502VD.0XX AP P6 TP A 9 001

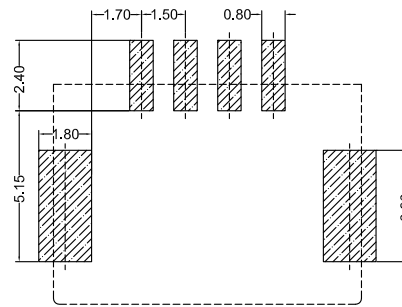
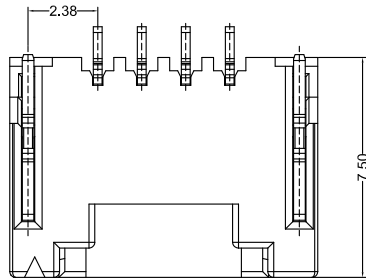
PIN  
002=2PINS  
SPECIAL  
AP=PIIars  
Material  
P6=PA66 94V-0  
Finish  
TP=Terminal Tin-Plated

Code  
001  
Color  
9=White  
Packing  
A=TUBE

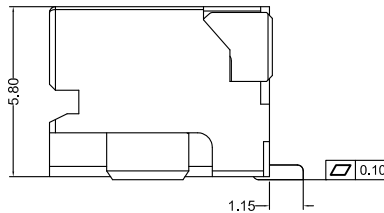
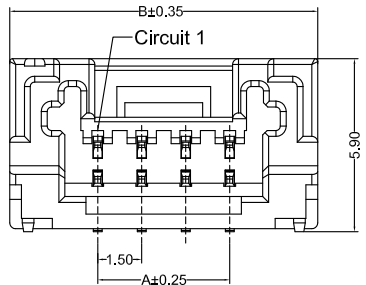
CSG PART NO.	Dimension mm		Moq
	A	B	
A1502VD002APP6TPA9001	1.50	6.00	1000PCS
A1502VD003APP6TPA9001	3.00	7.50	1000PCS
A1502VD004APP6TPA9001	4.50	9.00	1000PCS
A1502VD005APP6TPA9001	6.00	10.50	1000PCS
A1502VD006APP6TPA9001	7.50	12.00	1000PCS
A1502VD007APP6TPA9001	9.00	13.50	1000PCS
A1502VD008APP6TPA9001	10.50	15.00	1000PCS
A1502VD009APP6TPA9001	12.00	16.50	1000PCS
A1502VD010APP6TPA9001	13.50	18.00	1000PCS
A1502VD011APP6TPA9001	15.00	19.50	1000PCS
A1502VD012APP6TPA9001	16.50	21.00	1000PCS
A1502VD013APP6TPA9001	18.00	22.50	1000PCS
A1502VD014APP6TPA9001	19.50	24.00	1000PCS
A1502VD015APP6TPA9001	21.00	25.50	1000PCS
A1502VD016APP6TPA9001	22.50	27.00	1000PCS



# A1502 ZE



Recommended P.C.B Layout  
General Tolerance±0.05

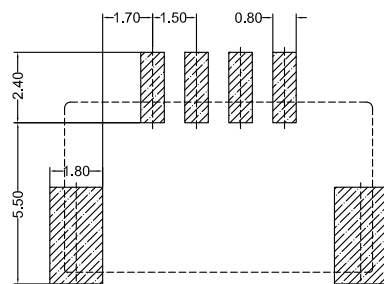
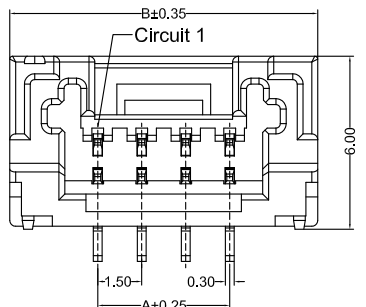
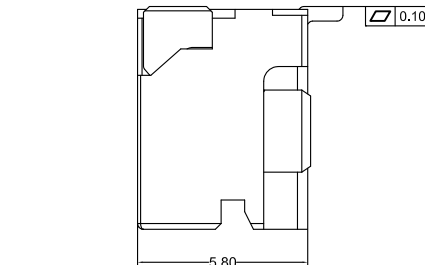
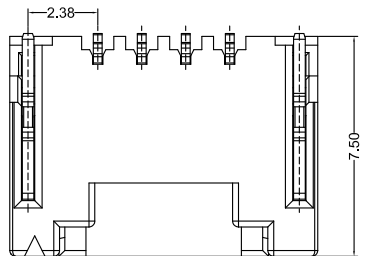


A1502RS.0XX AA 9T TP B C 109

PIN  
002=2PINS  
SPECIAL  
AA=NO Special  
Material-  
9T=PA9T 94V-0  
Finish  
TP=Terminal Tin-Plated

Code  
109  
Color  
C=Beige  
Packing  
B=Tape & Reel

CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1502RS002AA9TTPBC109	1.50	7.50	800PCS
A1502RS003AA9TTPBC109	3.00	9.00	800PCS
A1502RS004AA9TTPBC109	4.50	10.50	800PCS
A1502RS005AA9TTPBC109	6.00	12.00	800PCS
A1502RS006AA9TTPBC109	7.50	13.50	800PCS
A1502RS007AA9TTPBC109	9.00	15.00	800PCS
A1502RS008AA9TTPBC109	10.50	16.50	800PCS
A1502RS009AA9TTPBC109	12.00	18.00	800PCS
A1502RS010AA9TTPBC109	13.50	19.50	800PCS
A1502RS011AA9TTPBC109	15.00	21.00	800PCS
A1502RS012AA9TTPBC109	16.50	22.50	800PCS
A1502RS013AA9TTPBC109	18.00	24.00	800PCS
A1502RS014AA9TTPBC109	19.50	25.50	800PCS
A1502RS015AA9TTPBC109	21.00	27.00	800PCS
A1502RS016AA9TTPBC109	22.50	28.50	800PCS



Recommended P.C.B Layout  
General Tolerance±0.05

A1502VS.0XX AA 9T TP B C 109

PIN  
002=2PINS  
SPECIAL  
AA=NO Special  
Material-  
9T=PA9T 94V-0  
Finish  
TP=Terminal Tin-Plated

Code  
109  
Color  
C=Beige  
Packing  
B=Tape & Reel

CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1502VS002AA9TTPBC109	1.50	7.50	800PCS
A1502VS003AA9TTPBC109	3.00	9.00	800PCS
A1502VS004AA9TTPBC109	4.50	10.50	800PCS
A1502VS005AA9TTPBC109	6.00	12.00	800PCS
A1502VS006AA9TTPBC109	7.50	13.50	800PCS
A1502VS007AA9TTPBC109	9.00	15.00	800PCS
A1502VS008AA9TTPBC109	10.50	16.50	800PCS
A1502VS009AA9TTPBC109	12.00	18.00	800PCS
A1502VS010AA9TTPBC109	13.50	19.50	800PCS
A1502VS011AA9TTPBC109	15.00	21.00	800PCS
A1502VS012AA9TTPBC109	16.50	22.50	800PCS
A1502VS013AA9TTPBC109	18.00	24.00	800PCS
A1502VS014AA9TTPBC109	19.50	25.50	800PCS
A1502VS015AA9TTPBC109	21.00	27.00	800PCS
A1502VS016AA9TTPBC109	22.50	28.50	800PCS

