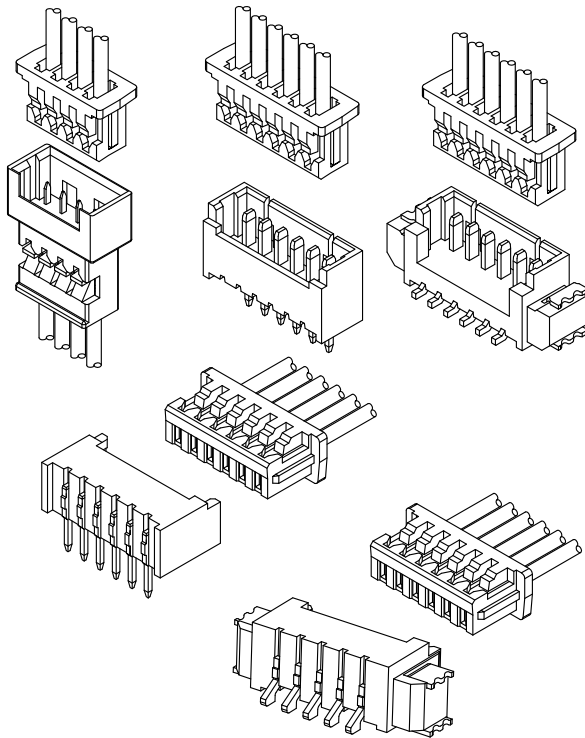


A1250 51021 CONNECTOR

1.25mm Pitch/Disconnectable Crimp style connectors



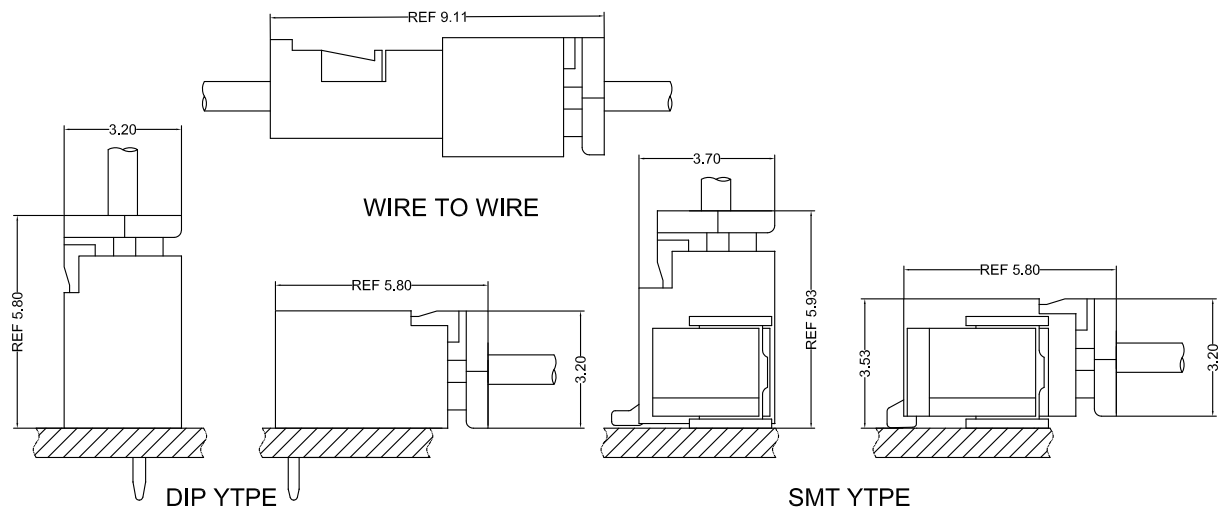
- Secure lock device
- Low insertion force
- Prevention of contact deformation
- Suction area for picking up

Specifications:

- Current rating: 1.0 A / AC,DC
- Voltage rating: 125 V AC/DC
- Temperature range: -40°C ~ +105°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20m Ω max
Insulation resistance: 100 M Ω min
Withstanding voltage: 500 VAC/minute
Applicable wire: Conductor size/ AWG#32~#28
Insulation O.D./ 0.38 to 1.00 mm
- * Compliant with RoHS2/ REACH
- * Refer to "General Instruction and Notice when using Terminals and Connectors"
- * Contact CSG for details

Material:

Housing: PA66/UL94-V0;Color:White/ Black
Terminal: Phosphor/ Tin-plated,Gold-Plated
DIP Wafer Housing: PA46/ PA66/ LCP,UL94-V0;
Color:White/ Gray
DIP Wafer Pin: Phosphor/ Tin-plated,Gold-Plated
SMT Wafer Housing: LCP,UL94-V0;Color:Natural
SMT Wafer Pin: Phosphor/ Tin-plated,Gold-Plated
Wafer Fixed Foot: Barss/ Tin-plated

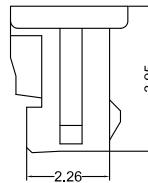
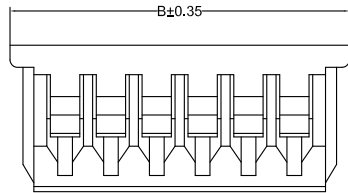
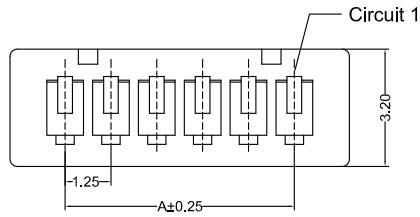


- Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ± 0.08 mm for all centers.
3. The dimensions above should serve as a guideline. Contact CSG for details.

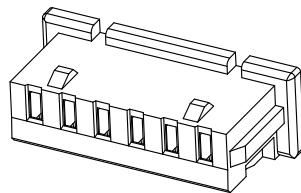
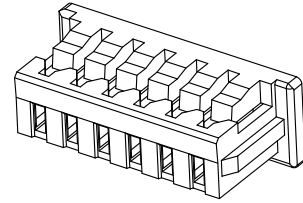
CSG

Tel: +86-769-85312070 85375507 E-mail: James@cs-g-china.com www.cs-g-china.com

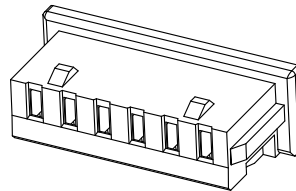
A1250 51021



A1250HF 0XX AA P6 X 005
 PIN
 005=5PINS
 SPECIAL
 AA=NO Special
 AC=Breach
 Material
 P6=PA66 94V-0
 Code
 005
 Color
 9=White
 0=Black

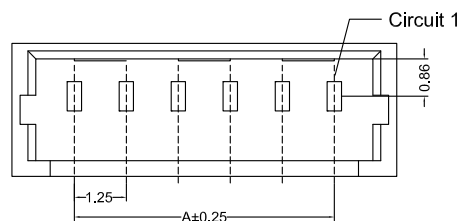


AC=Breach

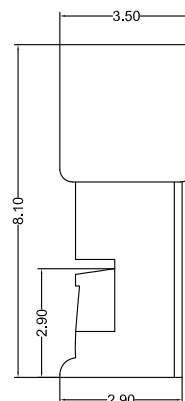
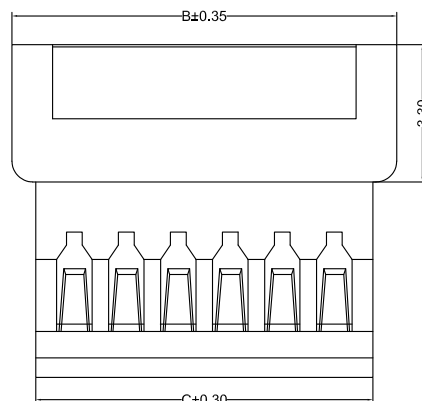
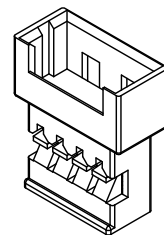


AA=NO Special

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1250HF002XXP6X005	1.25	4.25	1000PCS
A1250HF003XXP6X005	2.50	5.50	1000PCS
A1250HF004XXP6X005	3.75	6.75	1000PCS
A1250HF005XXP6X005	5.00	8.00	1000PCS
A1250HF006XXP6X005	6.25	9.25	1000PCS
A1250HF007XXP6X005	7.50	10.50	1000PCS
A1250HF008XXP6X005	8.75	11.75	1000PCS
A1250HF009XXP6X005	10.00	13.00	1000PCS
A1250HF010XXP6X005	11.25	14.25	1000PCS
A1250HF011XXP6X005	12.50	15.50	1000PCS
A1250HF012XXP6X005	13.75	16.75	1000PCS
A1250HF013XXP6X005	15.00	18.00	1000PCS
A1250HF014XXP6X005	16.25	19.25	1000PCS
A1250HF015XXP6X005	17.50	20.50	1000PCS
A1250HF016XXP6X005	18.75	21.75	1000PCS



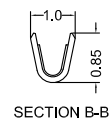
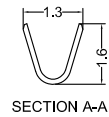
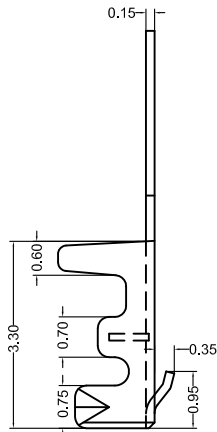
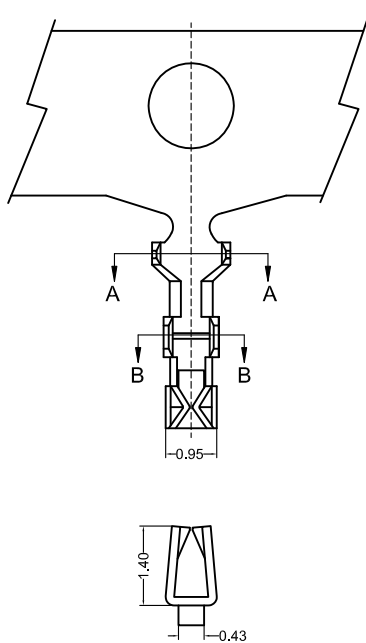
A1250HM 0XX AA P6 X 005
 PIN
 005=5PINS
 SPECIAL
 AA=NO Special
 Material
 P6=PA66 94V-0
 Code
 005
 Color
 9=White
 0=Black



CSG PART NO.	Dimension mm			Q'ty/BAG
	A	B	C	
A1250HM002XXP6X005	1.25	4.40	3.10	1000PCS
A1250HM003XXP6X005	2.50	5.65	4.35	1000PCS
A1250HM004XXP6X005	3.75	6.90	5.60	1000PCS
A1250HM005XXP6X005	5.00	8.15	6.85	1000PCS
A1250HM006XXP6X005	6.25	9.40	8.10	1000PCS
A1250HM007XXP6X005	7.50	10.65	9.35	1000PCS
A1250HM008XXP6X005	8.75	11.90	10.60	1000PCS
A1250HM009XXP6X005	10.00	13.15	11.85	1000PCS
A1250HM010XXP6X005	11.25	14.50	13.10	1000PCS
A1250HM011XXP6X005	12.50	15.65	14.35	1000PCS
A1250HM012XXP6X005	13.75	16.90	15.60	1000PCS
A1250HM013XXP6X005	15.00	18.15	16.85	1000PCS
A1250HM014XXP6X005	16.25	19.40	18.10	1000PCS
A1250HM015XXP6X005	17.50	20.65	19.35	1000PCS
A1250HM016XXP6X005	18.75	21.90	20.60	1000PCS

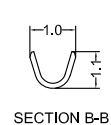
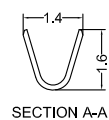
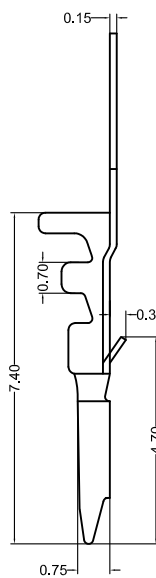
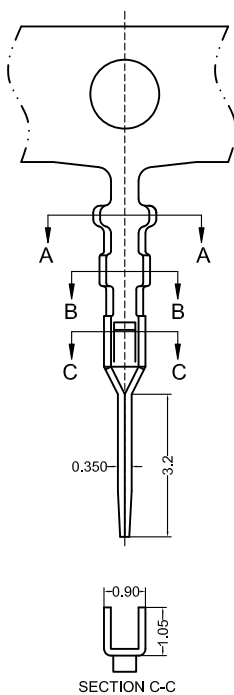
CSG

A1250 51021



A1250 M0 A XX 002
 Type
 M=Female Terminal
 Material
 A=Phosphor
 Finish
 TP=Tin-Plated
 GF=Gold-Plated G/F
 Code
 002

CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1250M0ATP002	AWG#28-#32	1.00mm(max)	15000PCS
A1250M0AGF002	AWG#28-#32	1.00mm(max)	15000PCS

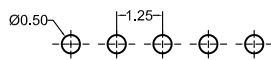
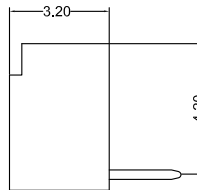
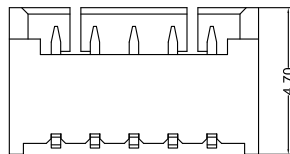
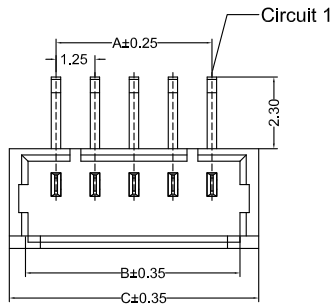


A1250 F0 A TP 012
 Type
 F=Male Terminal
 Material
 A=Phosphor
 Finish
 TP=Tin-Plated
 Code
 012

CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1250F0ATP012	AWG#28-#32	1.00mm(max)	20000PCS

CSG

A1250 51021

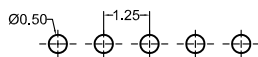
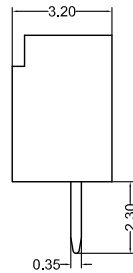
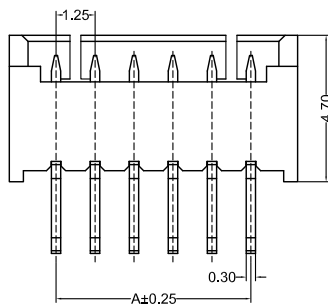
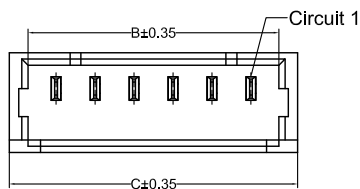


Recommended P.C.B Layout
General Tolerance±0.05

A1250RD 0XX AA PX XX C X 008

PIN
005=5PINS
SPECIAL
AA=NO Special
Material
P4=PA46 94V-0
P6=PA66 94V-0
Finish
TP=Terminal Tin-Plated
GF=Terminal Gold-Plated
Code
008
Color
8=Gray
9=White
Packing
C=Bag

CSG PART NO.	Dimension mm			Q'ty/BAG
	A	B	C	
A1250RD002AAXXXXCX008	1.25	3.15	4.25	1000PCS
A1250RD003AAXXXXCX008	2.50	4.40	5.50	1000PCS
A1250RD004AAXXXXCX008	3.75	5.65	6.75	1000PCS
A1250RD005AAXXXXCX008	5.00	6.90	8.00	1000PCS
A1250RD006AAXXXXCX008	6.25	8.15	9.25	1000PCS
A1250RD007AAXXXXCX008	7.50	9.40	10.50	1000PCS
A1250RD008AAXXXXCX008	8.75	10.65	11.75	1000PCS
A1250RD009AAXXXXCX008	10.00	11.90	13.00	1000PCS
A1250RD010AAXXXXCX008	11.25	13.15	14.25	1000PCS
A1250RD011AAXXXXCX008	12.50	14.40	15.50	1000PCS
A1250RD012AAXXXXCX008	13.75	15.65	16.75	1000PCS
A1250RD013AAXXXXCX008	15.00	16.90	18.00	1000PCS
A1250RD014AAXXXXCX008	16.25	18.15	19.25	1000PCS
A1250RD015AAXXXXCX008	17.50	19.40	20.50	1000PCS
A1250RD016AAXXXXCX008	18.75	20.65	21.75	1000PCS



Recommended P.C.B Layout
General Tolerance±0.05

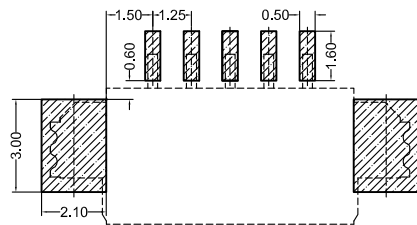
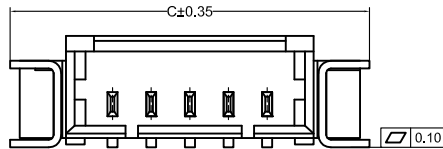
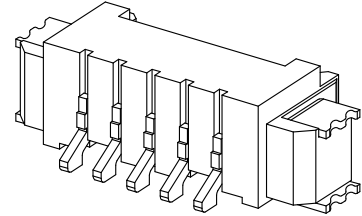
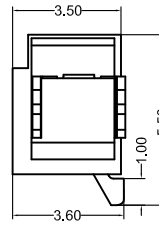
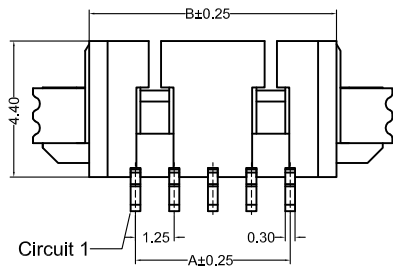
A1250VD 0XX AA PX XX C X XXX

PIN
005=5PINS
112
SPECIAL
AA=NO Special
Material
P4=PA46 94V-0
P6=PA66 94V-0
LP=LCP 94V-0
Finish
TP=Terminal Tin-Plated
GF=Terminal Gold-Plated
Code
008
112
Color
8=Gray
9=White
Packing
C=Bag
B=Tape & Reel

CSG PART NO.	Dimension mm			Q'ty/BAG
	A	B	C	
A1250VD002AAXXXXXXXXXX	1.25	3.15	4.25	1000PCS
A1250VD003AAXXXXXXXXXX	2.50	4.40	5.50	1000PCS
A1250VD004AAXXXXXXXXXX	3.75	5.65	6.75	1000PCS
A1250VD005AAXXXXXXXXXX	5.00	6.90	8.00	1000PCS
A1250VD006AAXXXXXXXXXX	6.25	8.15	9.25	1000PCS
A1250VD007AAXXXXXXXXXX	7.50	9.40	10.50	1000PCS
A1250VD008AAXXXXXXXXXX	8.75	10.65	11.75	1000PCS
A1250VD009AAXXXXXXXXXX	10.00	11.90	13.00	1000PCS
A1250VD010AAXXXXXXXXXX	11.25	13.15	14.25	1000PCS
A1250VD011AAXXXXXXXXXX	12.50	14.40	15.50	1000PCS
A1250VD012AAXXXXXXXXXX	13.75	15.65	16.75	1000PCS
A1250VD013AAXXXXXXXXXX	15.00	16.90	18.00	1000PCS
A1250VD014AAXXXXXXXXXX	16.25	18.15	19.25	1000PCS
A1250VD015AAXXXXXXXXXX	17.50	19.40	20.50	1000PCS
A1250VD016AAXXXXXXXXXX	18.75	20.65	21.75	1000PCS

CSG

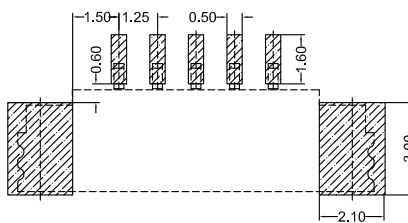
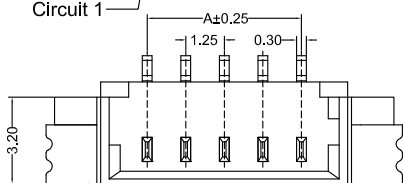
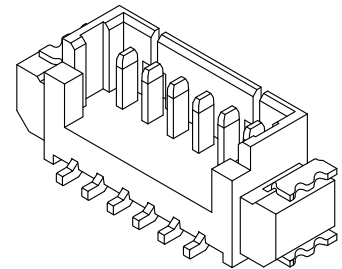
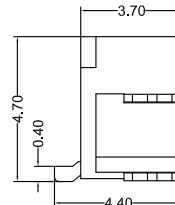
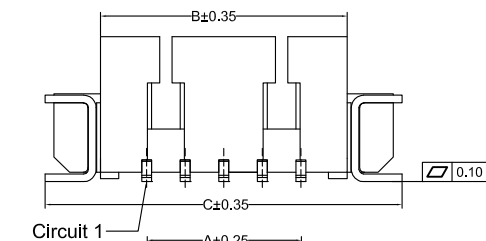
A1250 51021



Recommended P.C.B Layout
General Tolerance±0.05

A1250RS 0XX AA LP XX B 8 112
 PIN
 005=5PINS
 SPECIAL
 AA=NO Special
 Material
 LP=LCP 94V-0
 Finish
 TP=Terminal Tin-Plated
 GF=Terminal Gold-Plated
 Code
 112
 Color
 8=Gray
 Packing
 B=Tape & Reel

CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A1250RS002AALPXXB8112	1.25	4.25	7.75	1500PCS
A1250RS003AALPXXB8112	2.50	5.50	9.00	1500PCS
A1250RS004AALPXXB8112	3.75	6.75	10.25	1500PCS
A1250RS005AALPXXB8112	5.00	8.00	11.50	1500PCS
A1250RS006AALPXXB8112	6.25	9.25	12.75	1500PCS
A1250RS007AALPXXB8112	7.50	10.50	14.00	1500PCS
A1250RS008AALPXXB8112	8.75	11.75	15.25	1500PCS
A1250RS009AALPXXB8112	10.00	13.00	16.50	1500PCS
A1250RS010AALPXXB8112	11.25	14.25	17.75	1500PCS
A1250RS011AALPXXB8112	12.50	15.50	19.00	1500PCS
A1250RS012AALPXXB8112	13.75	16.75	20.25	1500PCS
A1250RS013AALPXXB8112	15.00	18.00	21.50	1500PCS
A1250RS014AALPXXB8112	16.25	19.25	22.75	1500PCS
A1250RS015AALPXXB8112	17.50	20.50	24.00	1500PCS
A1250RS016AALPXXB8112	18.75	21.75	25.25	1500PCS



Recommended P.C.B Layout
General Tolerance±0.05

A1250VS 0XX AA LP XX B 8 112
 PIN
 005=5PINS
 SPECIAL
 AA=NO Special
 Material
 LP=LCP 94V-0
 Finish
 TP=Terminal Tin-Plated
 GF=Terminal Gold-Plated
 Code
 112
 Color
 8=Gray
 Packing
 B=Tape & Reel

CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A1250VS002AALPXXB8112	1.25	4.25	7.75	1000PCS
A1250VS003AALPXXB8112	2.50	5.50	9.00	1000PCS
A1250VS004AALPXXB8112	3.75	6.75	10.25	1000PCS
A1250VS005AALPXXB8112	5.00	8.00	11.50	1000PCS
A1250VS006AALPXXB8112	6.25	9.25	12.75	1000PCS
A1250VS007AALPXXB8112	7.50	10.50	14.00	1000PCS
A1250VS008AALPXXB8112	8.75	11.75	15.25	1000PCS
A1250VS009AALPXXB8112	10.00	13.00	16.50	1000PCS
A1250VS010AALPXXB8112	11.25	14.25	17.75	1000PCS
A1250VS011AALPXXB8112	12.50	15.50	19.00	1000PCS
A1250VS012AALPXXB8112	13.75	16.75	20.25	1000PCS
A1250VS013AALPXXB8112	15.00	18.00	21.50	1000PCS
A1250VS014AALPXXB8112	16.25	19.25	22.75	1000PCS
A1250VS015AALPXXB8112	17.50	20.50	24.00	1000PCS
A1250VS016AALPXXB8112	18.75	21.75	25.25	1000PCS

CSG