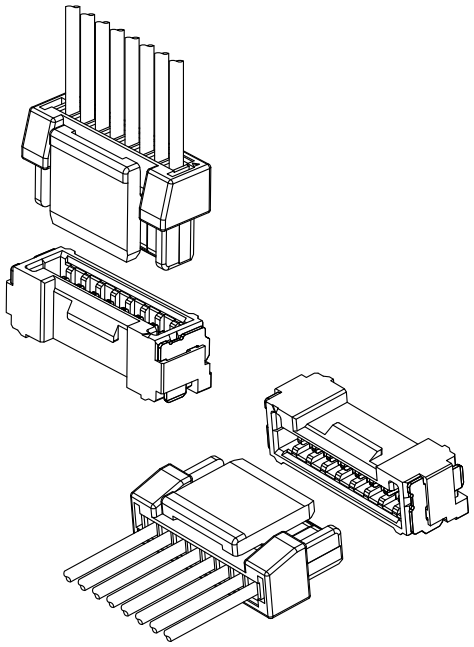
A1256 505565/505432 CONNECTOR

1.25mm Pitch/Disconnectable Crimp style connectors



E529482

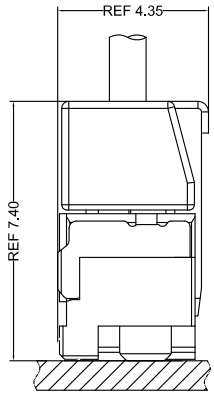
Specifications:

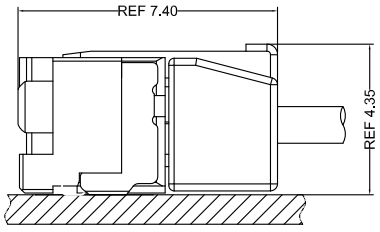
- Current rating: 1.5 A / AC,DC
- Voltage rating: 50 V AC/DC
- Temperature range: -25℃～+105℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20mΩ max
  Insulation resistance: 100 MΩ min
  Withstanding voltage: 500 VAC/minute
  Applicable wire: Conductor size/ AWG#30~#26
  Insulation O.D./ 0.50 to 1.00 mm

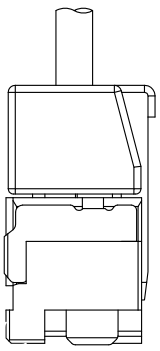
* Compliant with RoHS2/ REACH
* Refer to "General Instruction and Notice when using Terminals and Connectors"
* Contact CSG for details

Material:

Housing: PA66/UL94-V0;Color:Black/ Chroma
Terminal: Phosphor/ Tin-plated,Gold-Plated
SMT Wafer Housing: LCP/ PA6T,UL94-V0;
Color:0=Black/ Chroma
SMT Wafer Pin: Brass/ Tin-plated,Gold-Plated
Wafer Fixed Foot: Brass/ Tin-plated







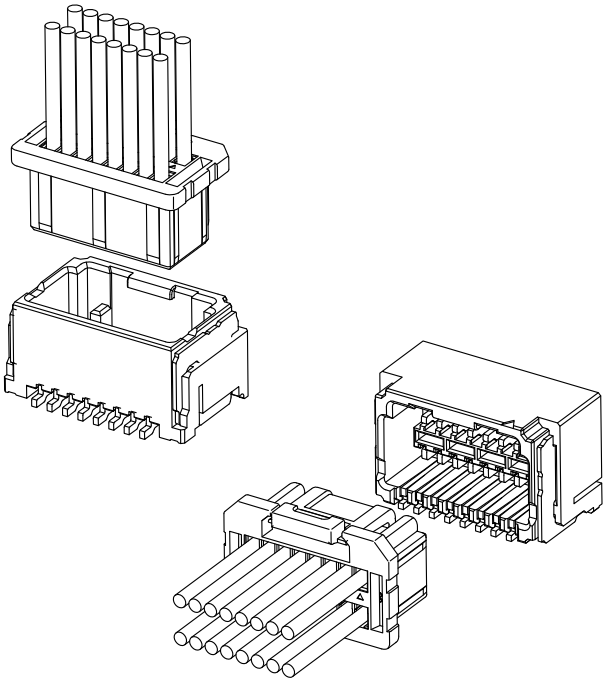
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

CSG

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

A1256 505565/505432 CONNECTOR

1.25mm Pitch/Disconnectable Crimp style connectors



E529482

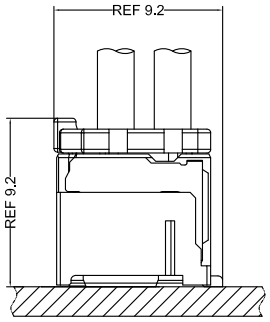
Specifications:

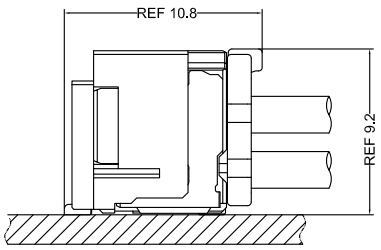
- Current rating: 1.5 A / AC,DC
- Voltage rating: 50 V AC/DC
- Temperature range: -25℃～+105℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20mΩ max
  Insulation resistance: 100 MΩ min
  Withstanding voltage: 500 VAC/minute
  Applicable wire: Conductor size/ AWG#30~#26
  Insulation O.D./ 0.50 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:Black/ Chroma
Terminal: Phosphor/ Tin-plated,Gold-Plated
SMT Wafer Housing: LCP/ PA6T,UL94-V0;
Color:0=Black/ Chroma
SMT Wafer Pin: Brass/ Tin-plated,Gold-Plated
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: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

CSG

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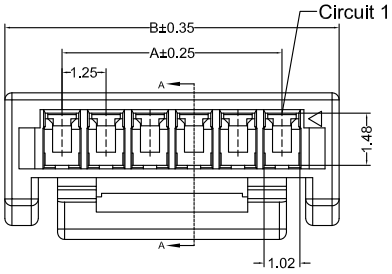
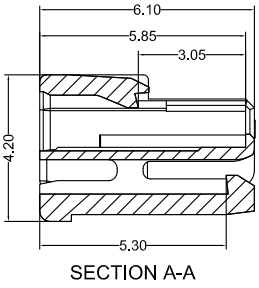
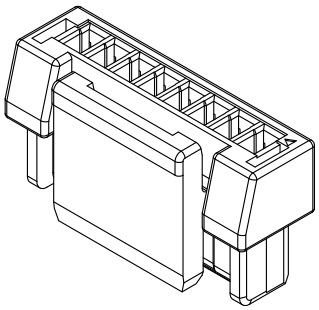
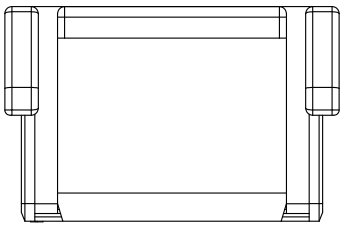
A1256 505565/505432

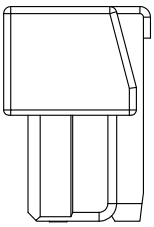


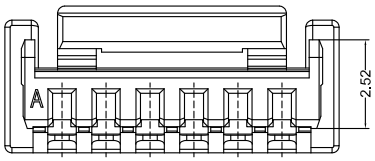


SECTION A-A





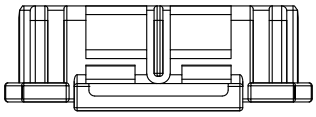


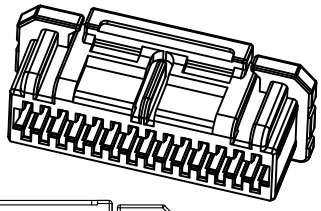


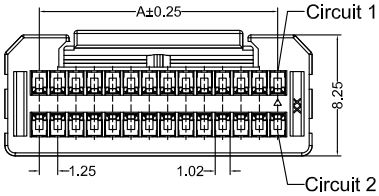
A1256HF 0XX AK P6 X 079

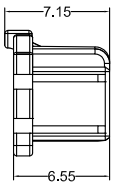
PIN
005=5PINS
SPECIAL
AK=BUCKLE
Material
P6=PA66 94V-0
Code
079
Color
0=Blakc
X=Chroma

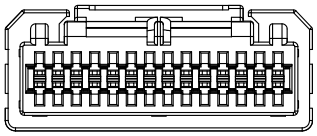
CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1256HF002AKP6X079	1.25	4.50	1000PCS
A1256HF003AKP6X079	2.50	5.75	1000PCS
A1256HF004AKP6X079	3.75	7.00	1000PCS
A1256HF005AKP6X079	5.00	8.25	1000PCS
A1256HF006AKP6X079	6.25	9.50	1000PCS
A1256HF007AKP6X079	7.50	10.75	1000PCS
A1256HF008AKP6X079	8.75	12.00	1000PCS
A1256HF009AKP6X079	10.00	13.25	1000PCS
A1256HF010AKP6X079	11.25	14.50	1000PCS
A1256HF011AKP6X079	12.50	15.75	1000PCS
A1256HF012AKP6X079	13.75	17.00	1000PCS
A1256HF013AKP6X079	15.00	18.25	1000PCS
A1256HF014AKP6X079	16.25	19.50	1000PCS
A1256HF015AKP6X079	17.50	20.75	1000PCS
A1256HF016AKP6X079	18.75	22.00	1000PCS

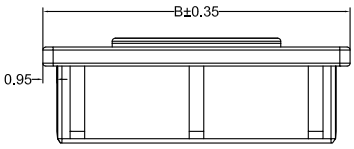












A1256HF 2XX AK P6 X 079

PIN
205=2X5PINS
SPECIAL
AK=BUCKLE
Material
P6=PA66 94V-0
Code
079
Color
0=Blakc
X=Chroma

CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A1256HF202AKP6X079			
A1256HF203AKP6X079			
A1256HF204AKP6X079	3.75	8.45	1000PCS
A1256HF205AKP6X079	5.00	9.70	1000PCS
A1256HF206AKP6X079	6.25	10.95	1000PCS
A1256HF207AKP6X079	7.50	12.20	1000PCS
A1256HF208AKP6X079	8.75	13.45	1000PCS
A1256HF209AKP6X079	10.00	14.70	1000PCS
A1256HF210AKP6X079	11.25	15.95	1000PCS
A1256HF211AKP6X079	12.50	17.20	1000PCS
A1256HF212AKP6X079	13.75	18.45	1000PCS
A1256HF213AKP6X079	15.00	19.70	1000PCS
A1256HF214AKP6X079	16.25	20.95	1000PCS
A1256HF215AKP6X079	17.50	22.20	1000PCS
A1256HF216AKP6X079	18.75	23.45	1000PCS
A1256HF217AKP6X079	20.00	24.70	1000PCS
A1256HF218AKP6X079	21.25	25.95	1000PCS
A1256HF219AKP6X079	22.50	27.20	1000PCS
A1256HF220AKP6X079	23.75	28.45	1000PCS
A1256HF221AKP6X079	25.00	29.70	1000PCS

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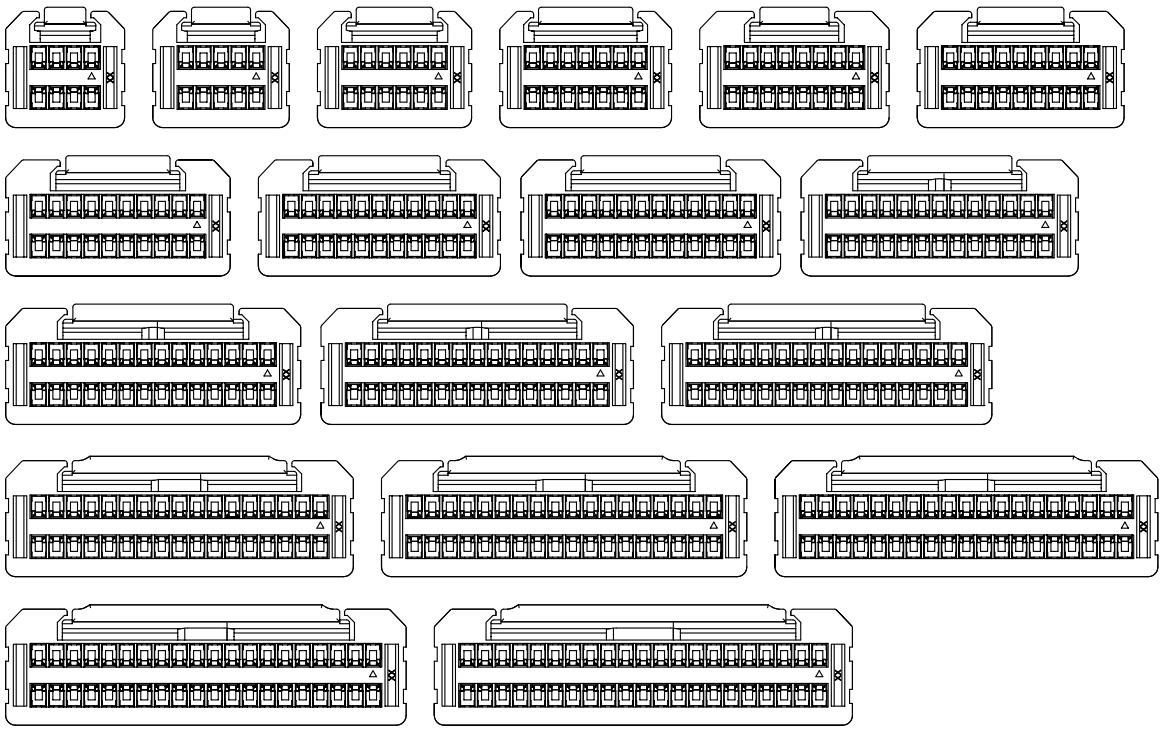
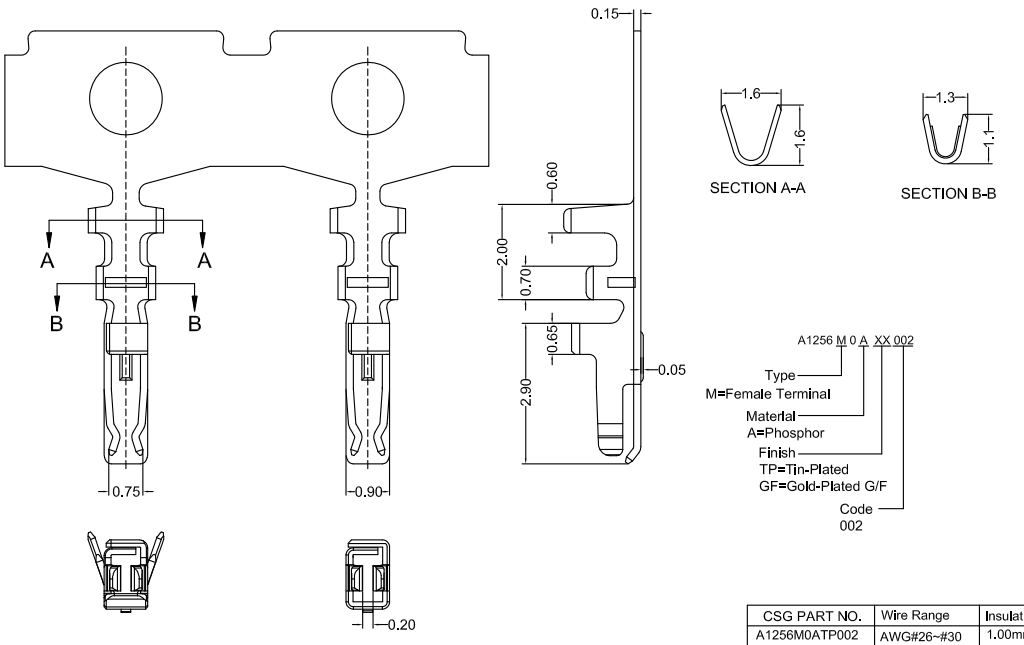
A1256 505565/505432





A1256 M 0 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
A1256M0ATP002	AWG#26~#30	1.00mm(max)	20000PCS
A1256M0AGF002	AWG#26~#30	1.00mm(max)	20000PCS

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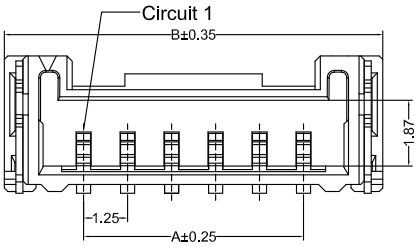
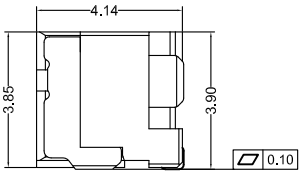
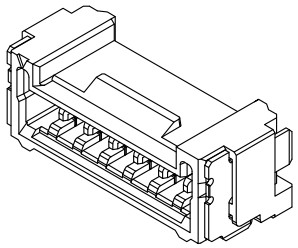
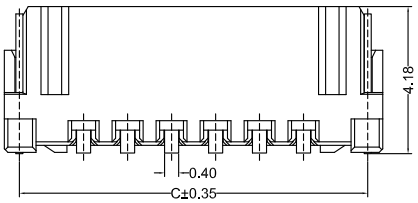
A1256 505565/505432





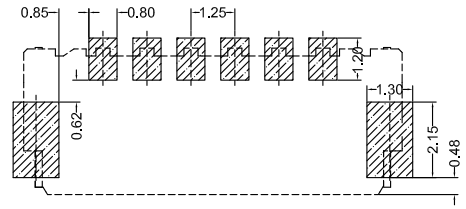




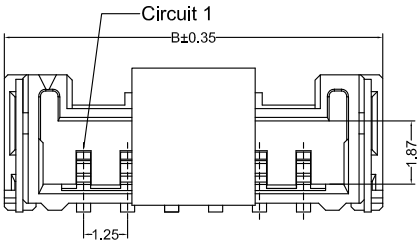
A1256RS 0XX AA XX XX B X 001

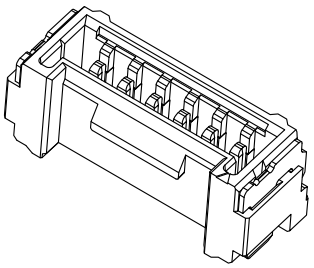
- PIN: 005=5PINS
- SPECIAL: AA=NO Special
- Material: LP=LCP 94V-0; 6T=PA6T 94V-0
- Finish: TP=Terminal Tin-Plated; GF=Terminal Gold-Plated
- Packing: B=Tape & Reel
- Color: 0=Blakc; X=Chroma
- Code: 001

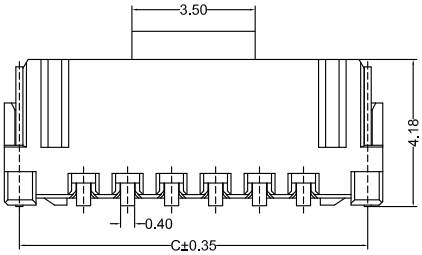
CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A1256RS002AAXXXXBX001	1.25	5.75	4.90	1500PCS
A1256RS003AAXXXXBX001	2.50	7.00	6.15	1500PCS
A1256RS004AAXXXXBX001	3.75	8.25	7.40	1500PCS
A1256RS005AAXXXXBX001	5.00	9.50	8.65	1500PCS
A1256RS006AAXXXXBX001	6.25	10.75	9.90	1500PCS
A1256RS007AAXXXXBX001	7.50	12.00	11.15	1500PCS
A1256RS008AAXXXXBX001	8.75	13.25	12.40	1500PCS
A1256RS009AAXXXXBX001	10.00	14.50	13.65	1500PCS
A1256RS010AAXXXXBX001	11.25	15.75	14.90	1500PCS
A1256RS011AAXXXXBX001	12.50	17.00	16.15	1500PCS
A1256RS012AAXXXXBX001	13.75	18.25	17.40	1500PCS
A1256RS013AAXXXXBX001	15.00	19.50	18.65	1500PCS
A1256RS014AAXXXXBX001	16.25	20.75	19.90	1500PCS
A1256RS015AAXXXXBX001	17.50	22.00	21.15	1500PCS
A1256RS016AAXXXXBX001	18.75	23.25	22.40	1500PCS

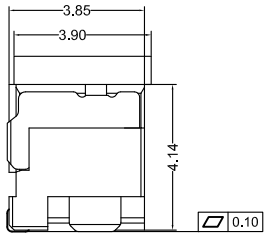


Recommended P.C.B Layout
General Tolerance±0.05





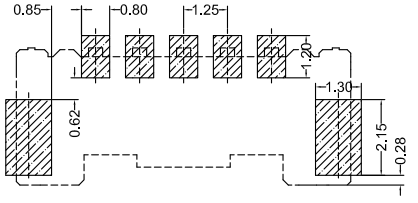




A1256VS 0XX AA XX XX B X 001

- PIN: 005=5PINS
- SPECIAL: AA=NO Special
- Material: LP=LCP 94V-0; 6T=PA6T 94V-0
- Finish: TP=Terminal Tin-Plated; GF=Terminal Gold-Plated
- Packing: B=Tape & Reel
- Color: 0=Blakc; X=Chroma
- Code: 001

CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A1256VS002AAXXXXBX001	1.25	5.75	4.90	1200PCS
A1256VS003AAXXXXBX001	2.50	7.00	6.15	1200PCS
A1256VS004AAXXXXBX001	3.75	8.25	7.40	1200PCS
A1256VS005AAXXXXBX001	5.00	9.50	8.65	1200PCS
A1256VS006AAXXXXBX001	6.25	10.75	9.90	1200PCS
A1256VS007AAXXXXBX001	7.50	12.00	11.15	1200PCS
A1256VS008AAXXXXBX001	8.75	13.25	12.40	1200PCS
A1256VS009AAXXXXBX001	10.00	14.50	13.65	1200PCS
A1256VS010AAXXXXBX001	11.25	15.75	14.90	1200PCS
A1256VS011AAXXXXBX001	12.50	17.00	16.15	1200PCS
A1256VS012AAXXXXBX001	13.75	18.25	17.40	1200PCS
A1256VS013AAXXXXBX001	15.00	19.50	18.65	1200PCS
A1256VS014AAXXXXBX001	16.25	20.75	19.90	1200PCS
A1256VS015AAXXXXBX001	17.50	22.00	21.15	1200PCS
A1256VS016AAXXXXBX001	18.75	23.25	22.40	1200PCS



Recommended P.C.B Layout
General Tolerance±0.05

CSG

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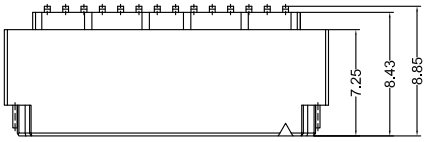
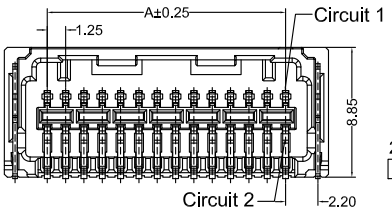
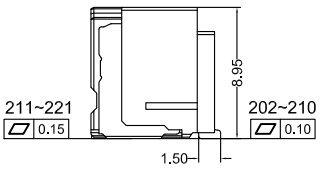
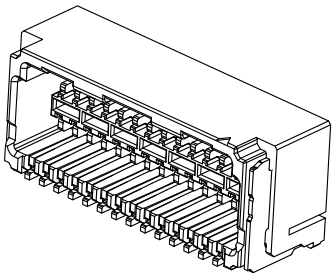
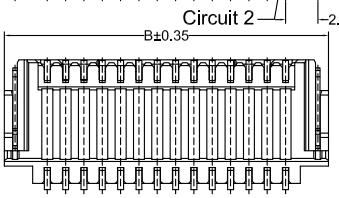
A1256 505565/505432

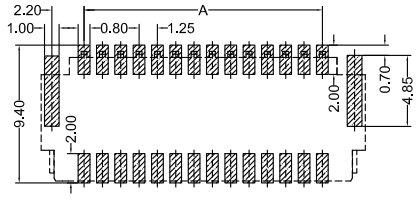




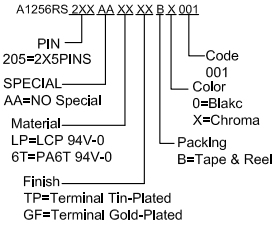








Recommended P.C.B Layout
General Tolerance±0.05



CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1256RS202AAXXXXBX001			
A1256RS203AAXXXXBX001			
A1256RS204AAXXXXBX001	3.75	9.60	600PCS
A1256RS205AAXXXXBX001	5.00	10.85	600PCS
A1256RS206AAXXXXBX001	6.25	12.10	600PCS
A1256RS207AAXXXXBX001	7.50	13.35	600PCS
A1256RS208AAXXXXBX001	8.75	14.60	600PCS
A1256RS209AAXXXXBX001	10.00	15.85	600PCS
A1256RS210AAXXXXBX001	11.25	17.10	600PCS
A1256RS211AAXXXXBX001	12.50	18.35	600PCS
A1256RS212AAXXXXBX001	13.75	19.60	600PCS
A1256RS213AAXXXXBX001	15.00	20.85	600PCS
A1256RS214AAXXXXBX001	16.25	22.10	600PCS
A1256RS215AAXXXXBX001	17.50	23.35	600PCS
A1256RS216AAXXXXBX001	18.75	24.60	600PCS
A1256RS217AAXXXXBX001	20.00	25.85	600PCS
A1256RS218AAXXXXBX001	21.25	27.10	600PCS
A1256RS219AAXXXXBX001	22.50	28.35	600PCS
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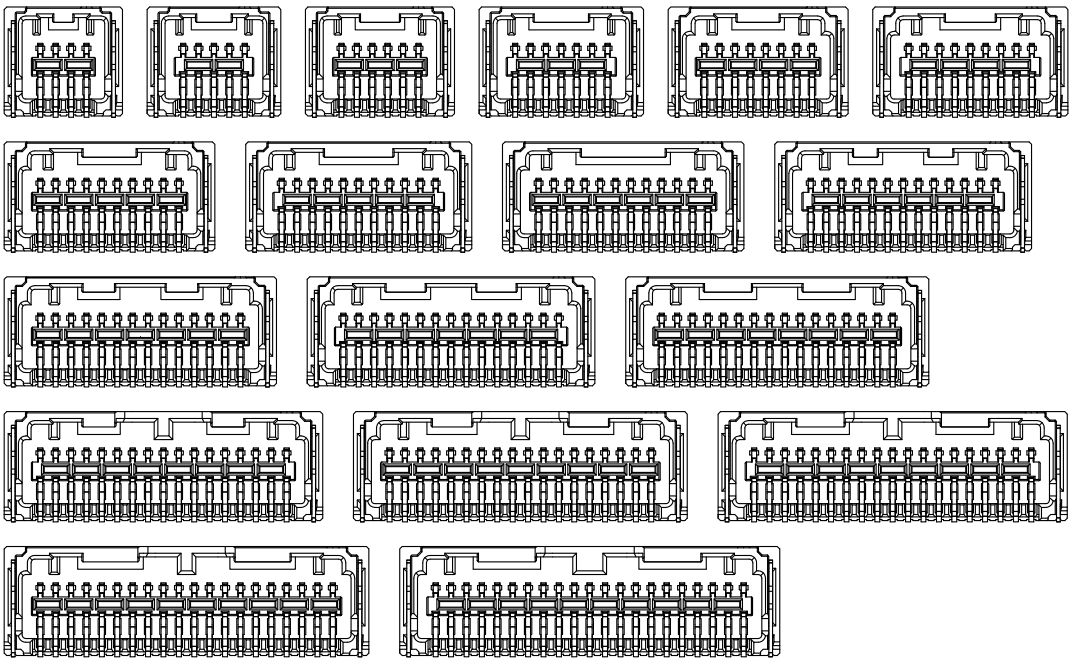

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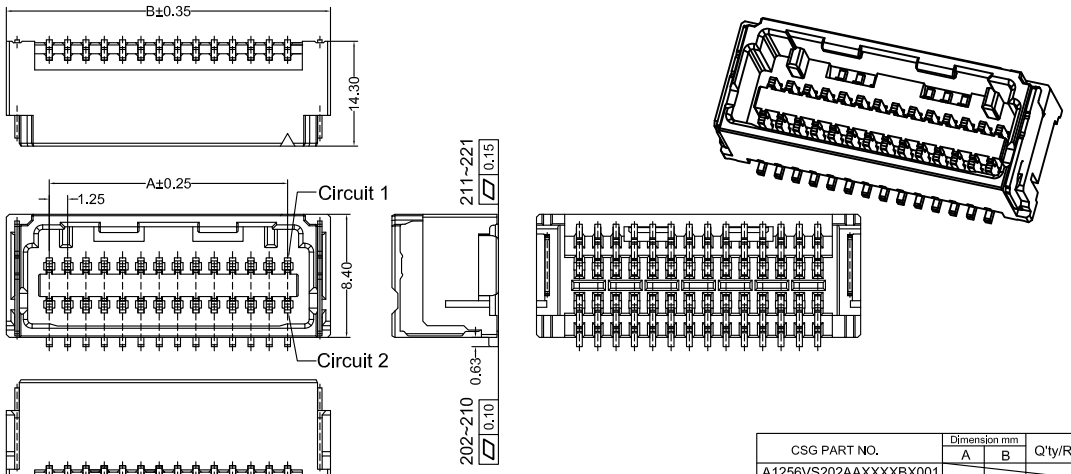
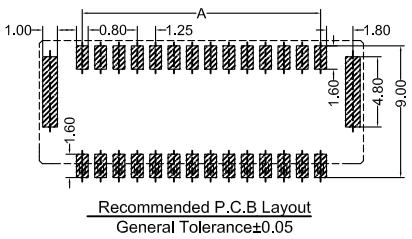
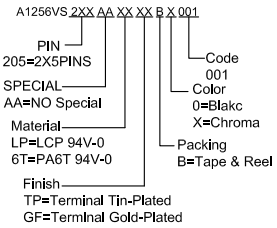
A1256 505565/505432

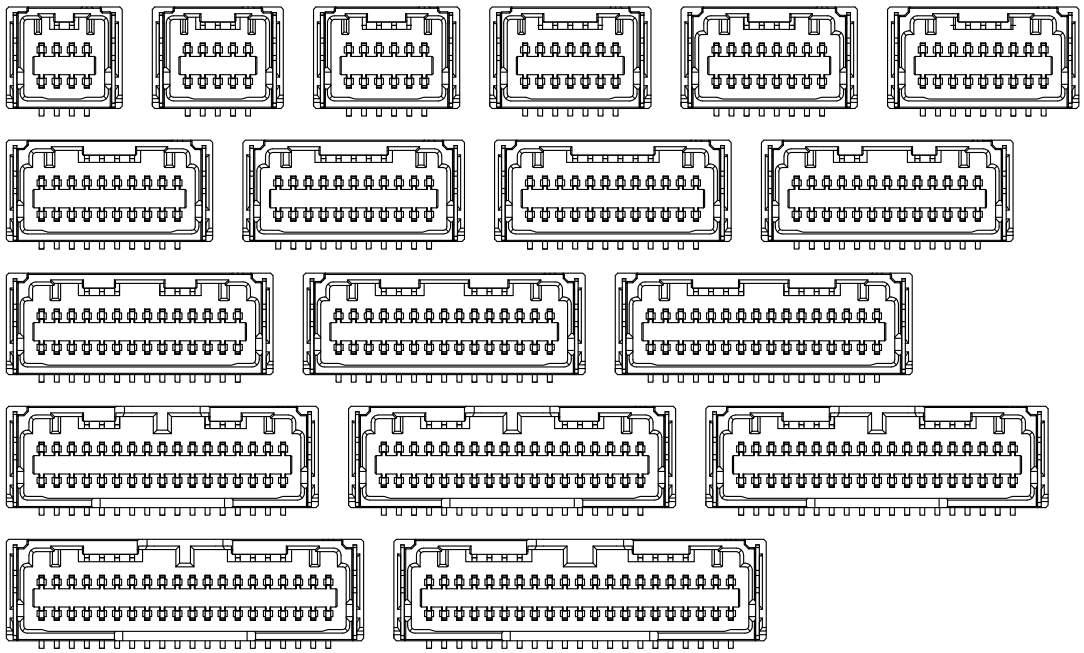




Recommended P.C.B Layout
General Tolerance±0.05



CSG PART NO.	Dimension mm		Q'ty/Reel
	A	B	
A1256VS202AAXXXXBX001			
A1256VS203AAXXXXBX001			
A1256VS204AAXXXXBX001	3.75	9.60	600PCS
A1256VS205AAXXXXBX001	5.00	10.85	600PCS
A1256VS206AAXXXXBX001	6.25	12.10	600PCS
A1256VS207AAXXXXBX001	7.50	13.35	600PCS
A1256VS208AAXXXXBX001	8.75	14.60	600PCS
A1256VS209AAXXXXBX001	10.00	15.85	600PCS
A1256VS210AAXXXXBX001	11.25	17.10	600PCS
A1256VS211AAXXXXBX001	12.50	18.35	600PCS
A1256VS212AAXXXXBX001	13.75	19.60	600PCS
A1256VS213AAXXXXBX001	15.00	20.85	600PCS
A1256VS214AAXXXXBX001	16.25	22.10	600PCS
A1256VS215AAXXXXBX001	17.50	23.35	600PCS
A1256VS216AAXXXXBX001	18.75	24.60	600PCS
A1256VS217AAXXXXBX001	20.00	25.85	600PCS
A1256VS218AAXXXXBX001	21.25	27.10	600PCS
A1256VS219AAXXXXBX001	22.50	28.35	600PCS
A1256VS220AAXXXXBX001	23.75	29.60	600PCS
A1256VS221AAXXXXBX001	25.00	30.85	600PCS



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