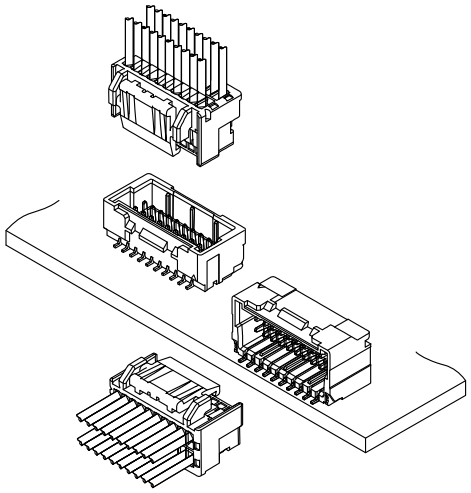
A1012 NSHD CONNECTOR

1.00mm Pitch/Wire-to-Boare connectors/Crimp style and Mating Style connectors



This is a wire-to-board connector with secure locking specification,which achieved excellent workability and withstanding external force.
Realize industry-leading space-saving,1.0 mm pitch dual-row, and support a high densification of equipment.

- Excellent workability(Low insertion force)
- Withstanding external force
- Secure lock mechanism
- Space saving

E529482

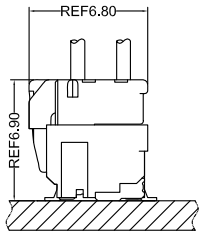
Specifications:

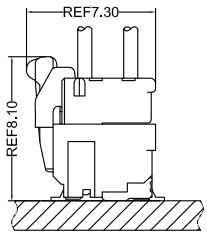
- Current rating: 1.0 A AC,DC (AWG 28#)
- Voltage rating: 50 V AC/DC
- Temperature range: -25℃～+105℃
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20mΩ max
  After environmental testing/ 40mΩ max
- Insulation resistance: 100 MΩ min
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG#32 to #28
  Insulation O.D./ 0.40 to 0.80 mm

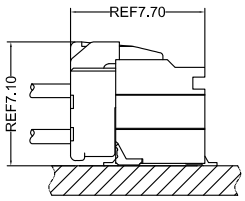
* Compliant with RoHS2/ REACH/ HF
* In using the products, refer to "Handling Precautions for Terminals and Connectors "described on our website (Technical documents of Product information page).
* Contact CSG for details

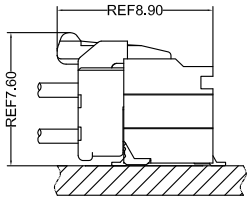
Material:

Housing: PA66,UL94-V0;Color:White
Terminal: Phosphor/ Tin-plated, Gold-Plated
Wafer Housing: LCP/PA9T,UL94-V0;Color:Natural
Wafer Pin: Phosphor/ Tin-plated, Gold-Plated
Wafer Fixed Foot: Brass/ Tin-plated







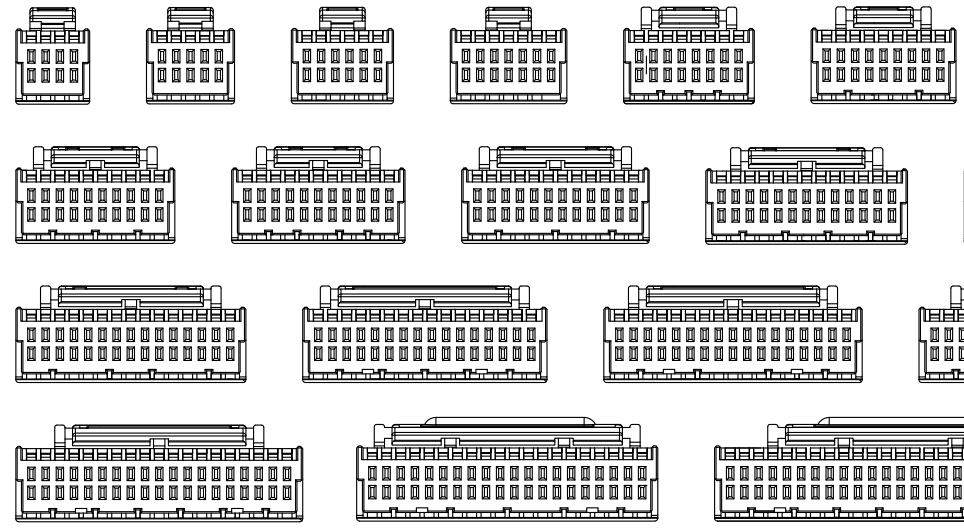


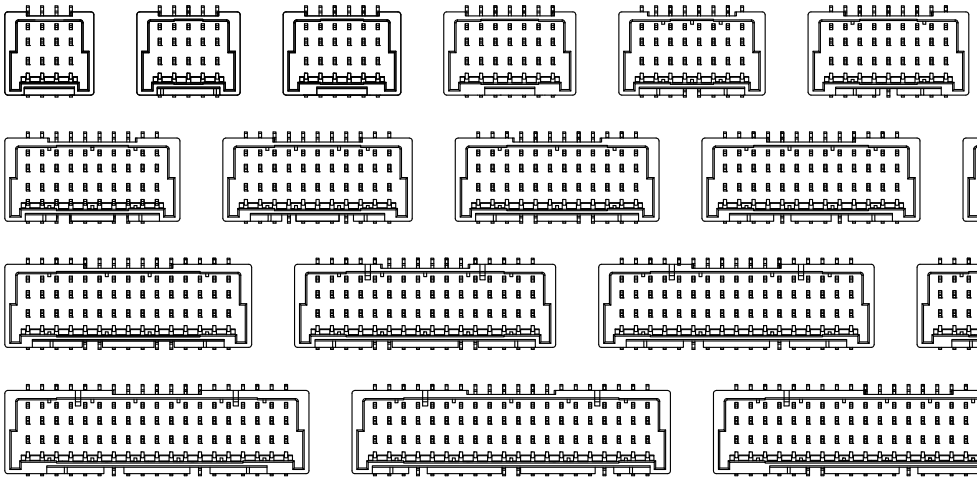
Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

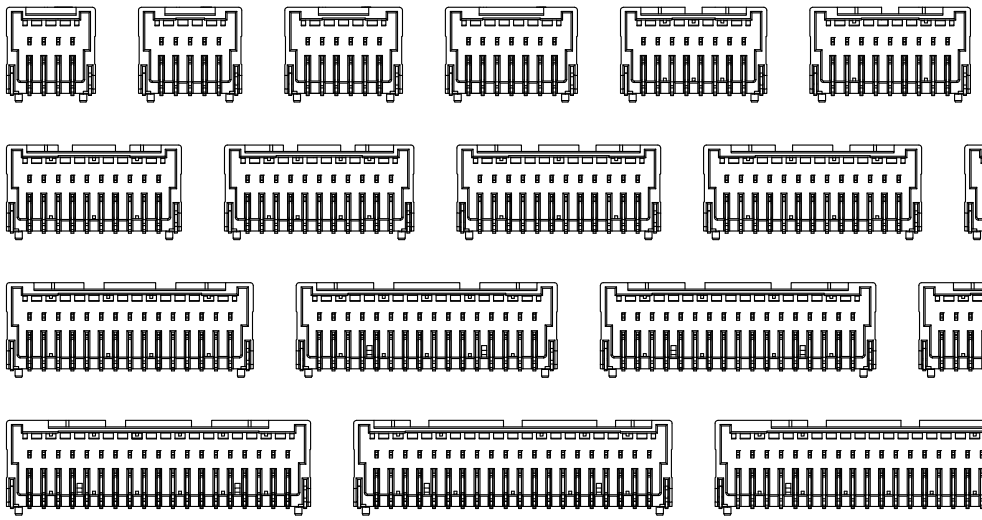
CSG

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

A1012 NSHD



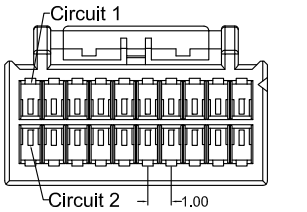


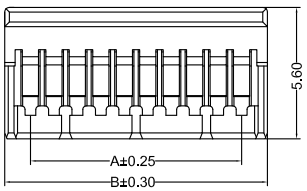


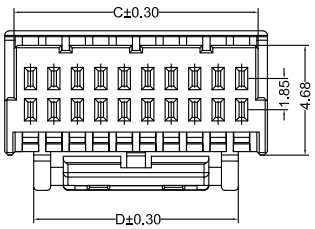
CSG

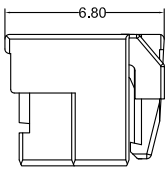
Tel:+86-769-85312070 85375507 E-mail:James@csg-china.com www.csg-china.com

A1012 NSHD

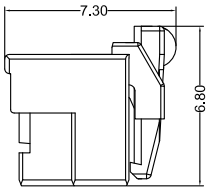




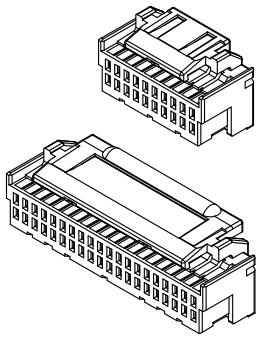




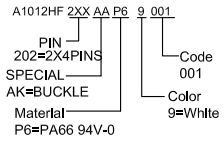
2X4P~2X19P

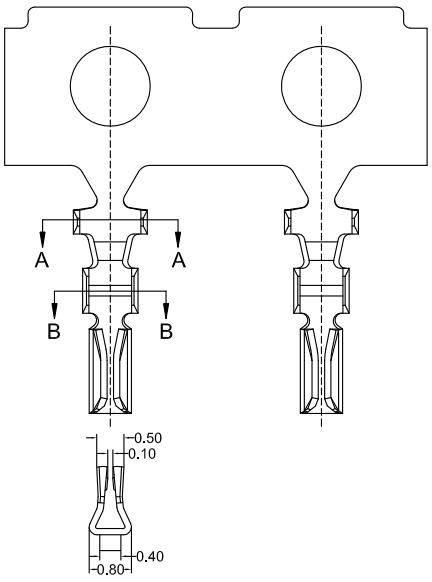


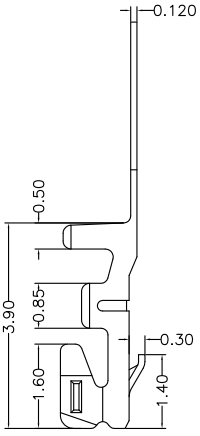
2X20P~2X25P

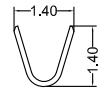


CSG PART NO.	Dimension mm				Q'ty/BAG
	A	B	C	D	
A1012HF204AKP69001	3.00	5.20	4.40	3.20	1000PCS
A1012HF205AKP69001	4.00	6.20	5.40	3.20	1000PCS
A1012HF206AKP69001	5.00	7.20	6.40	3.20	1000PCS
A1012HF207AKP69001	6.00	8.20	7.40	3.20	1000PCS
A1012HF208AKP69001	7.00	9.20	8.40	6.70	1000PCS
A1012HF209AKP69001	8.00	10.20	9.40	6.70	1000PCS
A1012HF210AKP69001	9.00	11.20	10.40	8.70	1000PCS
A1012HF211AKP69001	10.00	12.20	11.40	8.70	1000PCS
A1012HF212AKP69001	11.00	13.20	12.40	10.70	1000PCS
A1012HF213AKP69001	12.00	14.20	13.40	10.70	1000PCS
A1012HF214AKP69001	13.00	15.20	14.40	12.70	1000PCS
A1012HF215AKP69001	14.00	16.20	15.40	12.70	1000PCS
A1012HF216AKP69001	15.00	17.20	16.40	14.70	1000PCS
A1012HF217AKP69001	16.00	18.20	17.40	14.70	1000PCS
A1012HF218AKP69001	17.00	19.20	18.40	14.70	1000PCS
A1012HF219AKP69001	18.00	20.20	19.40	14.70	1000PCS
A1012HF220AKP69001	19.00	21.20	20.40	18.70	1000PCS
A1012HF225AKP69001	24.00	26.20	25.40	18.70	1000PCS





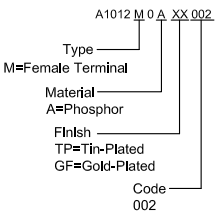




SECTION A-A



SECTION B-B

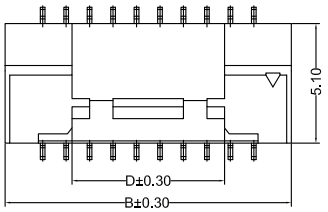


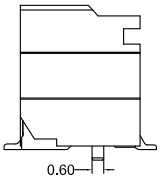
CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A1012M0ATP002	AWG#28~#32	0.80mm(max)	20000PCS
A1012M0AGF002	AWG#28~#32	0.80mm(max)	20000PCS

CSG

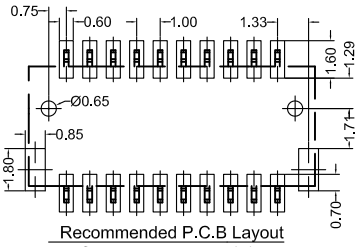
Tel:+86-769-85312070 85375507 E-mail:James@csg-china.com www.csg-china.com

A1012 NSHD

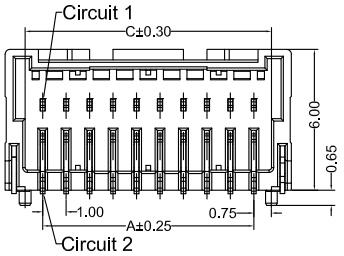


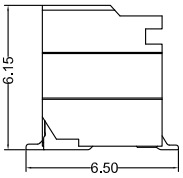


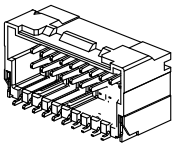
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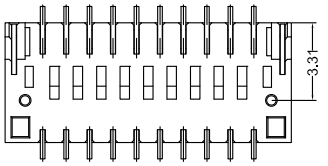


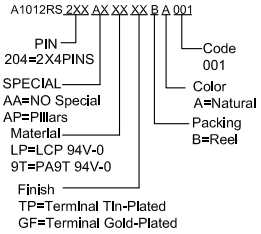
Recommended P.C.B Layout
General Tolerance±0.05



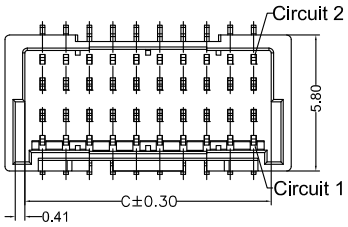


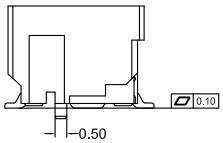




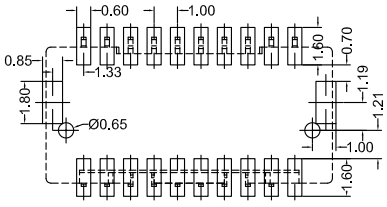


CSG PART NO.	Dimension mm				Q'ty/BAG
	A	B	C	D	
A1012RS204AXXXXXBX001	3.00	6.20	4.50	3.50	1000PCS
A1012RS205AXXXXXBX001	4.00	7.20	5.50	3.50	1000PCS
A1012RS206AXXXXXBX001	5.00	8.20	6.50	3.50	1000PCS
A1012RS207AXXXXXBX001	6.00	9.20	7.50	3.50	1000PCS
A1012RS208AXXXXXBX001	7.00	10.20	8.50	6.50	1000PCS
A1012RS209AXXXXXBX001	8.00	11.20	9.50	6.50	1000PCS
A1012RS210AXXXXXBX001	9.00	12.20	10.50	8.50	1000PCS
A1012RS211AXXXXXBX001	10.00	13.20	11.50	8.50	1000PCS
A1012RS212AXXXXXBX001	11.00	14.20	12.50	10.50	1000PCS
A1012RS213AXXXXXBX001	12.00	15.20	13.50	10.50	1000PCS
A1012RS214AXXXXXBX001	13.00	16.20	14.50	12.50	1000PCS
A1012RS215AXXXXXBX001	14.00	17.20	15.50	12.50	1000PCS
A1012RS216AXXXXXBX001	15.00	18.20	16.50	14.50	1000PCS
A1012RS217AXXXXXBX001	16.00	19.20	17.50	14.50	1000PCS
A1012RS218AXXXXXBX001	17.00	20.20	18.50	14.50	1000PCS
A1012RS219AXXXXXBX001	18.00	21.20	19.50	14.50	1000PCS
A1012RS220AXXXXXBX001	19.00	22.20	20.50	16.50	1000PCS
A1012RS225AXXXXXBX001	24.00	27.20	25.50	16.50	1000PCS

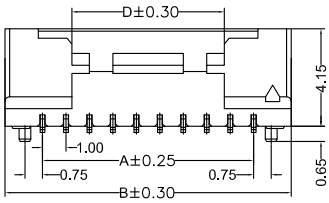


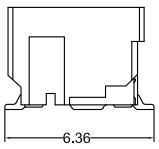


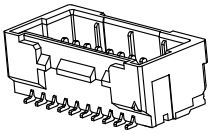
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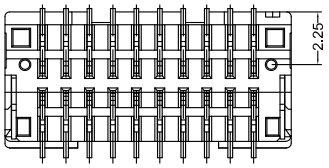


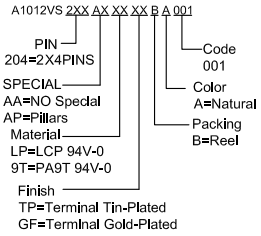
Recommended P.C.B Layout
General Tolerance±0.05











CSG PART NO.	Dimension mm				Q'ty/BAG
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A1012VS204AXXXXXBX001	3.00	6.20	4.50	3.50	1350PCS
A1012VS205AXXXXXBX001	4.00	7.20	5.50	3.50	1350PCS
A1012VS206AXXXXXBX001	5.00	8.20	6.50	3.50	1350PCS
A1012VS207AXXXXXBX001	6.00	9.20	7.50	3.50	1350PCS
A1012VS208AXXXXXBX001	7.00	10.20	8.50	6.50	1350PCS
A1012VS209AXXXXXBX001	8.00	11.20	9.50	6.50	1350PCS
A1012VS210AXXXXXBX001	9.00	12.20	10.50	8.50	1350PCS
A1012VS211AXXXXXBX001	10.00	13.20	11.50	8.50	1350PCS
A1012VS212AXXXXXBX001	11.00	14.20	12.50	10.50	1350PCS
A1012VS213AXXXXXBX001	12.00	15.20	13.50	10.50	1350PCS
A1012VS214AXXXXXBX001	13.00	16.20	14.50	12.50	1350PCS
A1012VS215AXXXXXBX001	14.00	17.20	15.50	12.50	1350PCS
A1012VS216AXXXXXBX001	15.00	18.20	16.50	14.50	1350PCS
A1012VS217AXXXXXBX001	16.00	19.20	17.50	14.50	1350PCS
A1012VS218AXXXXXBX001	17.00	20.20	18.50	14.50	1350PCS
A1012VS219AXXXXXBX001	18.00	21.20	19.50	14.50	1350PCS
A1012VS220AXXXXXBX001	19.00	22.20	20.50	16.50	1350PCS
A1012VS225AXXXXXBX001	24.00	27.20	25.50	16.50	1350PCS

CSG

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