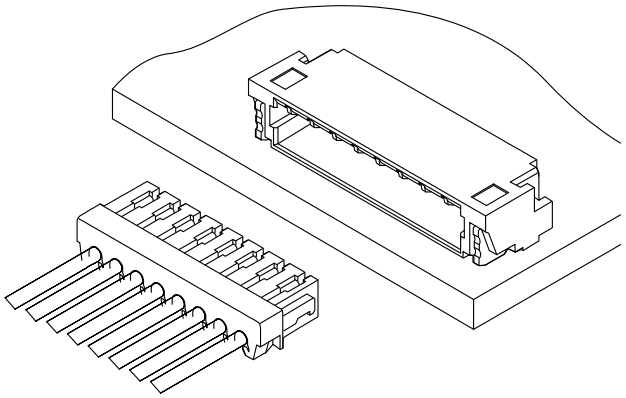
A0800 SUR CONNECTOR

0.80mm Pitch/Disconnectable Insulation displacement connectors



E529482

Specifications:

- Current rating: 0.5 A AC,DC (AWG #32)
  0.3 A AC,DC (AWG #34)
- Voltage rating: 30 V AC/DC
- Temperature range: -40℃～+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: 200 VAC/minute
- Applicable wire: Conductor size/ AWG#36
  Conductor/ 7 strands,
  tin-coated copper alloy
  Insulation O.D./ 0.39mm

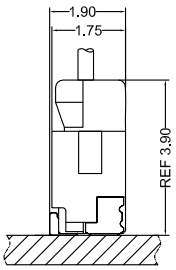
* Compliant with RoHS2/ HF/ REACH
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact CSG for details

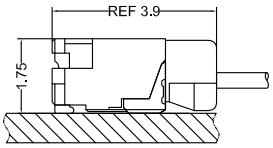
Material:

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

This world's first 0.80 mm pitch wire-to-board insulation displacement connector .
Side entry type is only 3.90 mm depth and 1.75 mm height after mounting on the PC board,and top entry type is only 1.90 mm depth and 3.90 mm height.
Compared to the conventional 1.00 mm pitch SSR connector,occupation space on the board is reduced by 34% (side entry type).

- 3-point grip construction
- Super fine wires are applicable
- Shrouded header
- Twin U-slot insulation displacement section



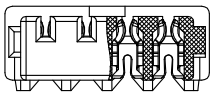


Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.08 mm for all centers.
3.The dimensions above should serve as a guideline.Contact CSG for details.

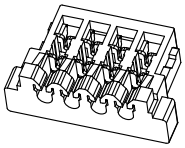
CSG

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

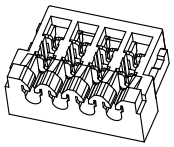
A0800 SUR



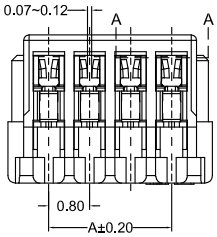
Section A-A

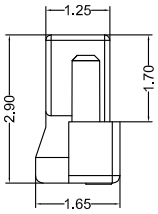


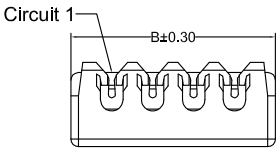
With EAR

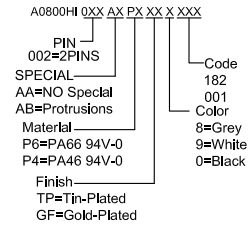


Without EAR

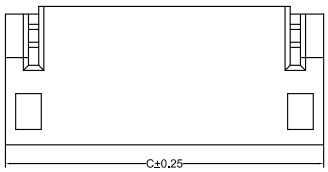


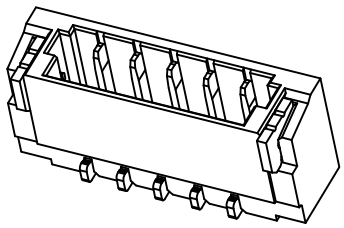


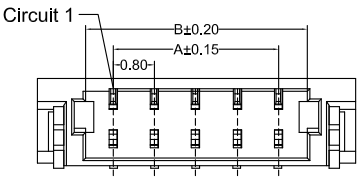


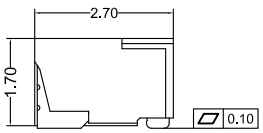


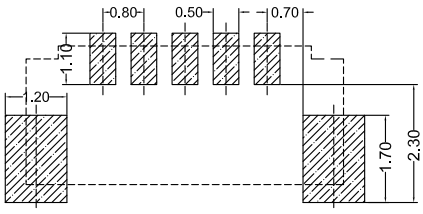
CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A0800HI002AXP6XXX182	0.80	2.40	1000PCS
A0800HI003AXP6XXX182	1.60	3.20	1000PCS
A0800HI004AXP6XXX182	2.40	4.00	1000PCS
A0800HI005AXP6XXX182	3.20	4.80	1000PCS
A0800HI006AXP6XXX182	4.00	5.60	1000PCS
A0800HI007AXP6XXX182	4.80	6.40	1000PCS
A0800HI008AXP6XXX182	5.60	7.20	1000PCS
A0800HI009AXP6XXX182	6.40	8.00	1000PCS
A0800HI010AXP6XXX182	7.20	8.80	1000PCS
A0800HI011AXP6XXX182	8.00	9.60	1000PCS
A0800HI012AXP6XXX182	8.80	10.40	1000PCS
A0800HI014AXP6XXX182	10.40	12.00	1000PCS
A0800HI015AXP6XXX182	11.20	12.80	1000PCS
A0800HI016AXP6XXX182	12.00	13.60	1000PCS
A0800HI018AXP6XXX182	13.60	15.20	1000PCS
A0800HI020AXP6XXX182	15.20	16.80	1000PCS
A0800HI022AXP4XXX001	16.80	18.40	10000PCS
A0800HI024AXP4XXX001	18.40	20.00	10000PCS
A0800HI028AXP4XXX001	21.60	23.20	10000PCS



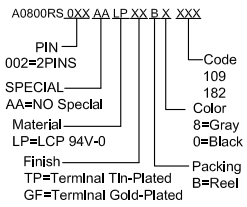








Recommended P.C.B Layout
General Tolerance±0.05

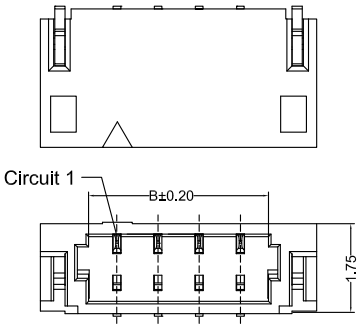


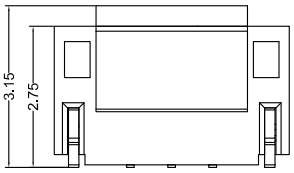
CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A0800RS002AALPXXBXXXX	0.80	1.90	3.80	3500PCS
A0800RS003AALPXXBXXXX	1.60	2.70	4.60	3500PCS
A0800RS004AALPXXBXXXX	2.40	3.50	5.40	3500PCS
A0800RS005AALPXXBXXXX	3.20	4.30	6.20	3500PCS
A0800RS006AALPXXBXXXX	4.00	5.10	7.00	3500PCS
A0800RS007AALPXXBXXXX	4.80	5.90	7.80	3500PCS
A0800RS008AALPXXBXXXX	5.60	6.70	8.60	3500PCS
A0800RS009AALPXXBXXXX	6.40	7.50	9.40	3500PCS
A0800RS010AALPXXBXXXX	7.20	8.30	10.20	3500PCS
A0800RS011AALPXXBXXXX	8.00	9.10	11.00	3500PCS
A0800RS012AALPXXBXXXX	8.80	9.90	11.80	3500PCS
A0800RS013AALPXXBXXXX	9.60	10.70	12.60	3500PCS
A0800RS014AALPXXBXXXX	10.40	11.50	13.40	3500PCS
A0800RS015AALPXXBXXXX	11.20	12.30	14.20	3500PCS
A0800RS016AALPXXBXXXX	12.00	13.10	15.00	3500PCS
A0800RS018AALPXXBX182	13.60	14.70	16.60	3500PCS
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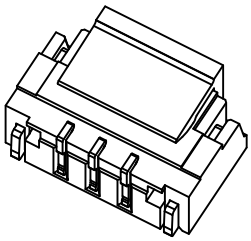
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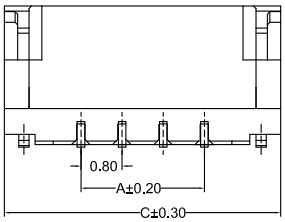
Tel:+86-769-85312070 85375507 E-mail:James@csg-china.com www.csg-china.com

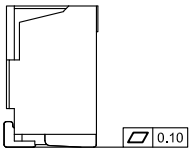
A0800 SUR

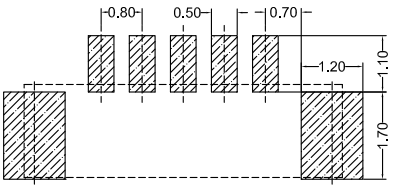




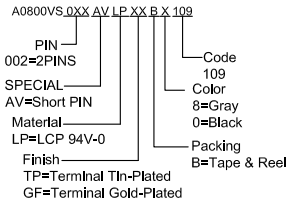




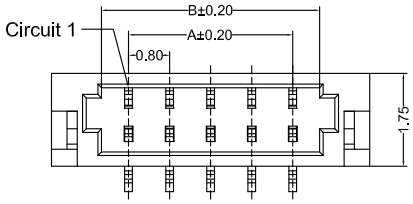


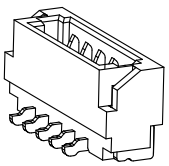


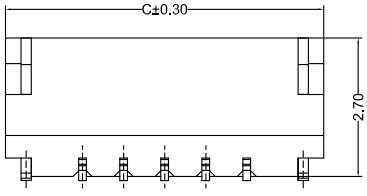
Recommended P.C.B Layout
General Tolerance±0.05

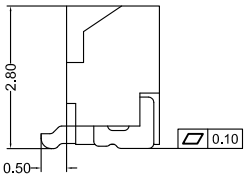


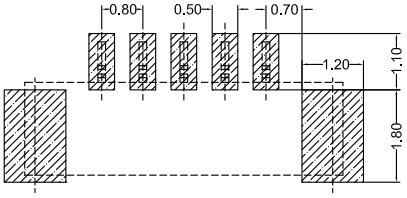
CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A0800VS002AVLPXXBX109	0.80	1.90	3.80	2000PCS
A0800VS003AVLPXXBX109	1.60	2.70	4.60	2000PCS
A0800VS004AVLPXXBX109	2.40	3.50	5.40	2000PCS
A0800VS005AVLPXXBX109	3.20	4.30	6.20	2000PCS
A0800VS006AVLPXXBX109	4.00	5.10	7.00	2000PCS
A0800VS007AVLPXXBX109	4.80	5.90	7.80	2000PCS
A0800VS008AVLPXXBX109	5.60	6.70	8.60	2000PCS
A0800VS009AVLPXXBX109	6.40	7.50	9.40	2000PCS
A0800VS010AVLPXXBX109	7.20	8.30	10.20	2000PCS
A0800VS011AVLPXXBX109	8.00	9.10	11.00	2000PCS
A0800VS012AVLPXXBX109	8.80	9.90	11.80	2000PCS
A0800VS013AVLPXXBX109	9.60	10.70	12.60	2000PCS
A0800VS014AVLPXXBX109	10.40	11.50	13.40	2000PCS
A0800VS015AVLPXXBX109	11.20	12.30	14.20	2000PCS
A0800VS016AVLPXXBX109	12.00	13.10	15.00	2000PCS



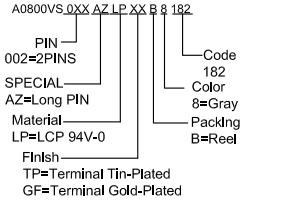








Recommended P.C.B Layout
General Tolerance±0.05



CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A0800VS002AZLPXXB8182	0.80	1.90	3.80	2000PCS
A0800VS003AZLPXXB8182	1.60	2.70	4.60	2000PCS
A0800VS004AZLPXXB8182	2.40	3.50	5.40	2000PCS
A0800VS005AZLPXXB8182	3.20	4.30	6.20	2000PCS
A0800VS006AZLPXXB8182	4.00	5.10	7.00	2000PCS
A0800VS007AZLPXXB8182	4.80	5.90	7.80	2000PCS
A0800VS008AZLPXXB8182	5.60	6.70	8.60	2000PCS
A0800VS009AZLPXXB8182	6.40	7.50	9.40	2000PCS
A0800VS010AZLPXXB8182	7.20	8.30	10.20	2000PCS
A0800VS011AZLPXXB8182	8.00	9.10	11.00	2000PCS
A0800VS012AZLPXXB8182	8.80	9.90	11.80	2000PCS
A0800VS013AZLPXXB8182	9.60	10.70	12.60	2000PCS
A0800VS014AZLPXXB8182	10.40	11.50	13.40	2000PCS
A0800VS015AZLPXXB8182	11.20	12.30	14.20	2000PCS
A0800VS016AZLPXXB8182	12.00	13.10	15.00	2000PCS
A0800VS018AZLPXXB8182	13.60	14.70	17.60	2000PCS
A0800VS020AZLPXXB8182	15.20	16.30	19.20	2000PCS

CSG

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