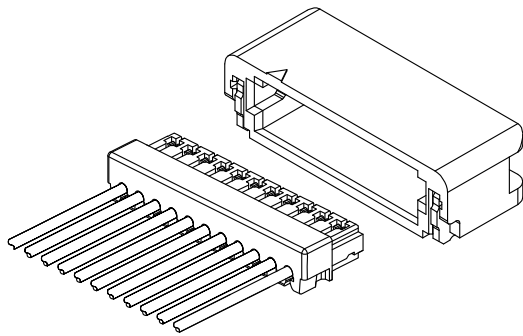


# A0600 XSR CONNECTOR

0.60mm Pitch/Disconnectable Insulation displacement connectors



This is the world's smallest 0.60 mm pitch IDC connector for discrete wires.  
This Wire to Board miniaturized connector has a mounting height of 1.45 mm and depth of 3.00 mm.

- Space saving
- Twin U-slot insulation displacement section
- New strain relief structure
- Suitable for thin wires
- Applicable to automatic IDC machines

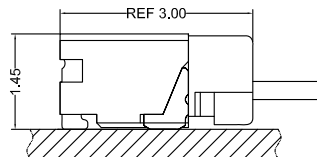


## Specifications:

- Current rating: 0.2 A AC,DC
  - Voltage rating: 30 V AC/DC
  - Temperature range: -40°C ~ +105°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/ 30m Ω max  
After environmental testing/ 50m Ω max
  - Insulation resistance: 100 M Ω min
  - Withstanding voltage: 200 VAC/minute
  - Applicable wire: Conductor size/ AWG#36  
Conductor/ 7 strands,  
tin-coated copper alloy  
Insulation O.D./ 0.29mm
- \* Compliant with RoHS2/ HF/ REACH/ UL  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact CSG for details

## Material:

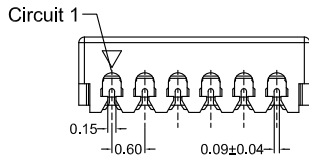
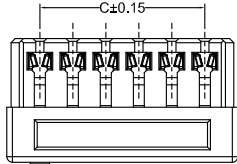
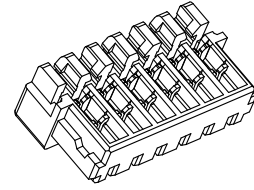
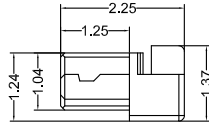
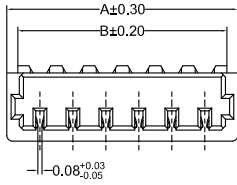
IDC Housing: LCP,UL94-V0;Color:Black  
IDC Terminal: Phosphor/ Gold-Plated  
Wafer Housing: LCP,UL94-V0;Color:Black  
Wafer Pin: Phosphor/ Tin-plated, Gold-Plated  
Wafer Fixed Foot: Brass/ Tin-plated



- Note: 1. The above figure is the figure viewed from the connector mounting side.  
2. Tolerances are non-cumulative: ±0.05 mm for all centers.  
3. The dimensions above should serve as a guideline. Contact CSG for details.

**CSG**

# A0600 XSR

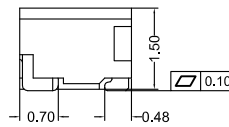
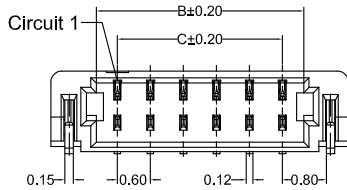
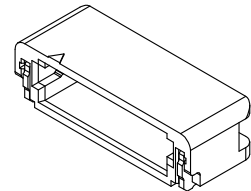
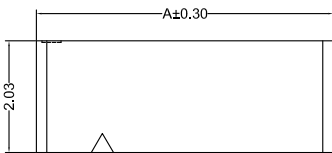


A0600HI 0XX AA LP GF 0 187

PIN  
002=2PINS  
SPECIAL  
AA=NO Special  
Material  
LP=LCP 94V-0  
Finish  
GF=Gold-Plated

Code  
187  
Color  
0=Black

CSG PART NO.	Dimension mm			Q'ty/BAG
	A	B	C	
A0600HI002AALPGF0187	1.80	1.40	0.60	1000PCS
A0600HI003AALPGF0187	2.40	2.00	1.20	1000PCS
A0600HI004AALPGF0187	3.00	2.60	1.80	1000PCS
A0600HI005AALPGF0187	3.60	3.20	2.40	1000PCS
A0600HI006AALPGF0187	4.20	3.80	3.00	1000PCS
A0600HI007AALPGF0187	4.80	4.40	3.60	1000PCS
A0600HI008AALPGF0187	5.40	5.00	4.20	1000PCS
A0600HI009AALPGF0187	6.00	5.60	4.80	1000PCS
A0600HI010AALPGF0187	6.60	6.20	5.40	1000PCS
A0600HI012AALPGF0187	7.80	7.40	6.60	1000PCS
A0600HI014AALPGF0187	9.00	8.60	7.80	1000PCS
A0600HI016AALPGF0187	10.20	9.80	9.00	1000PCS

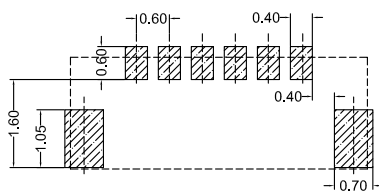


A0600RS 0XX AA LP XX B 0 109

PIN  
002=2PINS  
SPECIAL  
AA=NO Special  
Material  
LP=LCP 94V-0  
Finish  
TP=Terminal Tin-Plated  
GF=Terminal Gold-Plated

Code  
109  
Color  
0=Black  
Packing  
B=Tape & Reel

CSG PART NO.	Dimension mm			Q'ty/Reel
	A	B	C	
A0600RS002AALPGFB0109	3.00	1.38	0.60	4500PCS
A0600RS003AALPGFB0109	3.60	1.98	1.20	4500PCS
A0600RS004AALPGFB0109	4.20	2.58	1.80	4500PCS
A0600RS005AALPGFB0109	4.80	3.18	2.40	4500PCS
A0600RS006AALPGFB0109	5.40	3.78	3.00	4500PCS
A0600RS007AALPGFB0109	6.00	4.38	3.60	4500PCS
A0600RS008AALPGFB0109	6.60	4.98	4.20	4500PCS
A0600RS009AALPGFB0109	7.20	5.58	4.80	4500PCS
A0600RS010AALPGFB0109	7.80	6.18	5.40	4500PCS
A0600RS012AALPGFB0109	9.00	7.38	6.60	4500PCS
A0600RS014AALPGFB0109	10.20	8.58	7.80	4500PCS
A0600RS016AALPGFB0109	11.40	9.78	9.00	4500PCS



Recommended P.C.B Layout  
General Tolerance±0.05

