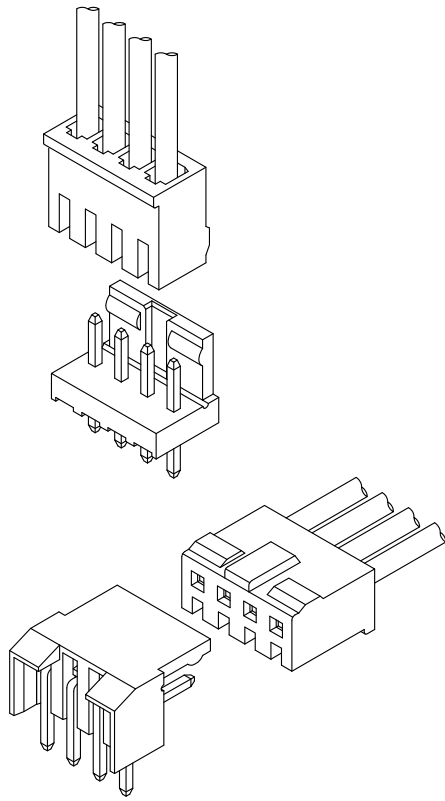


# A2500 IL-G CONNECTOR

2.50mm Pitch/Disconnectable Crimp style connectors



**CSG** E529482

- Secure locking structure
- Low insertion force
- Suction area for picking up
- Improvement of engagement with prying

## Specifications:

- Current rating: 3.0 A / AC,DC (AWG #22)
- Voltage rating: 500 V AC/DC
- Temperature range: -40°C ~ +105°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20m  $\Omega$  max  
Insulation resistance: 1000 M  $\Omega$  min  
Withstanding voltage: 1500 VAC/minute  
Applicable wire: Conductor size/ AWG#28~#22  
Insulation O.D./ 0.80 to 1.70 mm

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

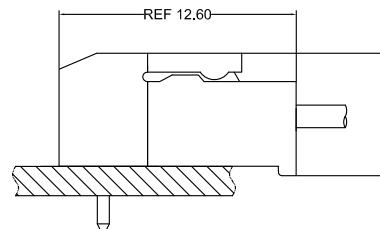
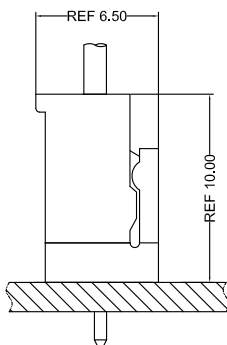
Material:

Housing: PA66/UL94-V0;Color:Brown

Terminal: Phosphor/ Tin-plated

DIP Wafer Housing: PA66,UL94-V0;Color:Brown

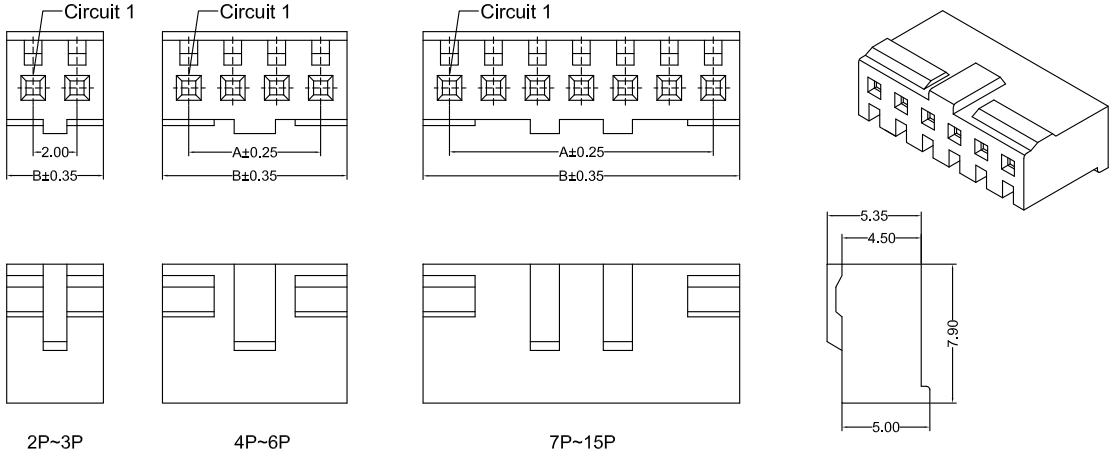
DIP Wafer Pin: Brass/ Tin-plated



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

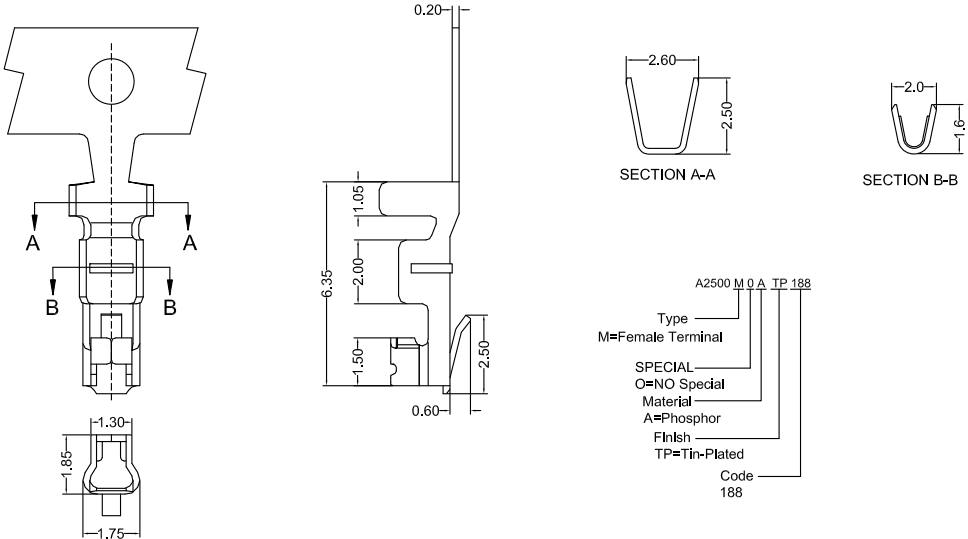
**CSG**

# A2500 IL-G



A2500HF 0XX AA P6 1 188  
 PIN  
 005=5PINS  
 SPECIAL:  
 AA=NO Special  
 Material  
 P6=PA66 94V-0  
 Code  
 188  
 Color  
 1=Brown

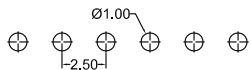
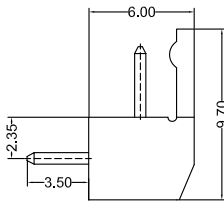
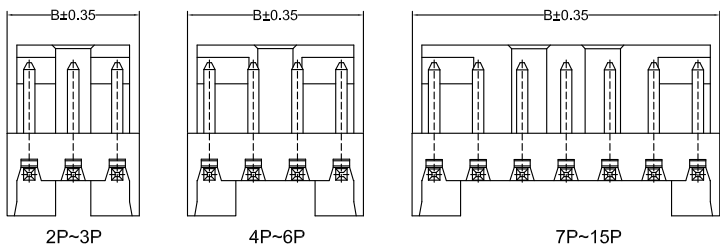
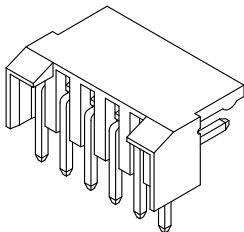
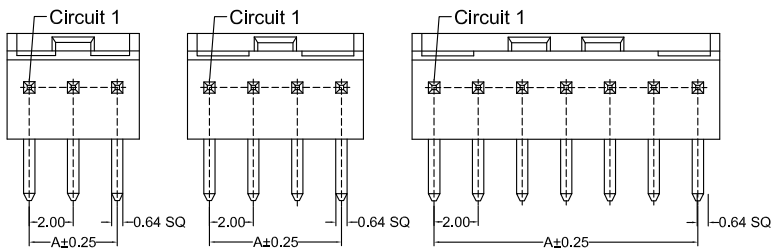
CSG PART NO.	Dimension mm		Q'ty/BAG
	A	B	
A2500HF002AAP61188	2.50	5.50	1000PCS
A2500HF003AAP61188	5.00	8.00	1000PCS
A2500HF004AAP61188	7.50	10.50	1000PCS
A2500HF005AAP61188	10.00	13.00	1000PCS
A2500HF006AAP61188	12.50	15.50	1000PCS
A2500HF007AAP61188	15.00	18.00	1000PCS
A2500HF008AAP61188	17.50	20.50	1000PCS
A2500HF009AAP61188	20.00	23.00	1000PCS
A2500HF010AAP61188	22.50	25.50	1000PCS
A2500HF011AAP61188	25.00	28.00	1000PCS
A2500HF012AAP61188	27.50	30.50	1000PCS
A2500HF013AAP61188	30.00	33.00	1000PCS
A2500HF014AAP61188	32.50	35.50	1000PCS
A2500HF015AAP61188	35.00	38.00	1000PCS



CSG PART NO.	Wire Range	Insulation O.D.	Q'ty/Reel
A2500M0ATP188	AWG#22-#28	1.70mm(max)	10000PCS



# A2500 IL-G



Recommended P.C.B Layout  
General Tolerance±0.05

A2500RD\_0XX AA P6 TP C 1 188

PIN  
002=2PINS

SPECIAL  
AA=NO Special

Material  
P6=PA66 94V-0

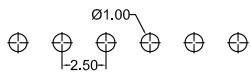
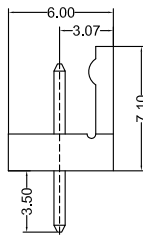
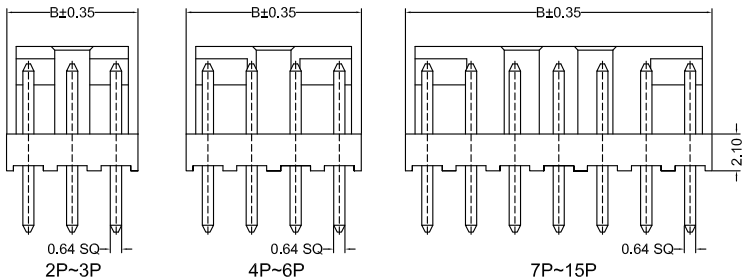
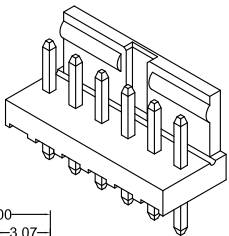
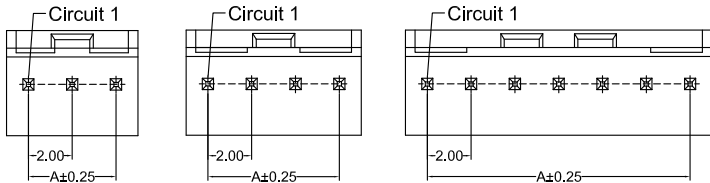
Finish  
TP=Terminal Tin-Plated

Code  
188

Color  
1=Brown

Packing  
C=Bag

CSG PART NO.	Dimension mm		Qty/BAG
	A	B	
A2500RD002AAP6TPC1188	2.50	5.00	1000PCS
A2500RD003AAP6TPC1188	5.00	7.50	1000PCS
A2500RD004AAP6TPC1188	7.50	10.00	1000PCS
A2500RD005AAP6TPC1188	10.00	12.50	1000PCS
A2500RD006AAP6TPC1188	12.50	15.00	1000PCS
A2500RD007AAP6TPC1188	15.00	17.50	1000PCS
A2500RD008AAP6TPC1188	17.50	20.00	1000PCS
A2500RD009AAP6TPC1188	20.00	22.50	1000PCS
A2500RD010AAP6TPC1188	22.50	25.00	1000PCS
A2500RD011AAP6TPC1188	25.00	27.50	1000PCS
A2500RD012AAP6TPC1188	27.50	30.00	1000PCS
A2500RD013AAP6TPC1188	30.00	32.50	1000PCS
A2500RD014AAP6TPC1188	32.50	35.00	1000PCS
A2500RD015AAP6TPC1188	35.00	37.50	1000PCS



Recommended P.C.B Layout  
General Tolerance±0.05

A2500VD\_0XX AA P6 TP C 1 188

PIN  
002=2PINS

SPECIAL  
AA=NO Special

Material  
P6=PA66 94V-0

Finish  
TP=Terminal Tin-Plated

Code  
188

Color  
1=Brown

Packing  
C=Bag

CSG PART NO.	Dimension mm		Qty/BAG
	A	B	
A2500VD002AAP6TPC1188	2.50	5.00	1000PCS
A2500VD003AAP6TPC1188	5.00	7.50	1000PCS
A2500VD004AAP6TPC1188	7.50	10.00	1000PCS
A2500VD005AAP6TPC1188	10.00	12.50	1000PCS
A2500VD006AAP6TPC1188	12.50	15.00	1000PCS
A2500VD007AAP6TPC1188	15.00	17.50	1000PCS
A2500VD008AAP6TPC1188	17.50	20.00	1000PCS
A2500VD009AAP6TPC1188	20.00	22.50	1000PCS
A2500VD010AAP6TPC1188	22.50	25.00	1000PCS
A2500VD011AAP6TPC1188	25.00	27.50	1000PCS
A2500VD012AAP6TPC1188	27.50	30.00	1000PCS
A2500VD013AAP6TPC1188	30.00	32.50	1000PCS
A2500VD014AAP6TPC1188	32.50	35.00	1000PCS
A2500VD015AAP6TPC1188	35.00	37.50	1000PCS

