

# 1.25mm (0.049") PITCH CONNECTOR

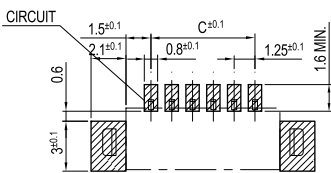
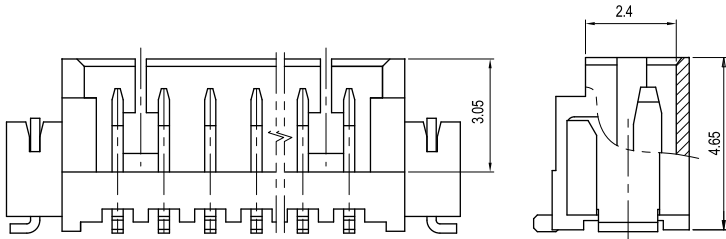
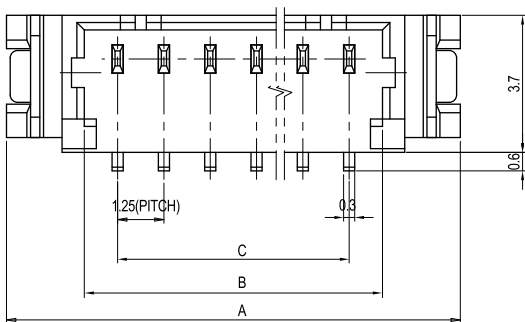
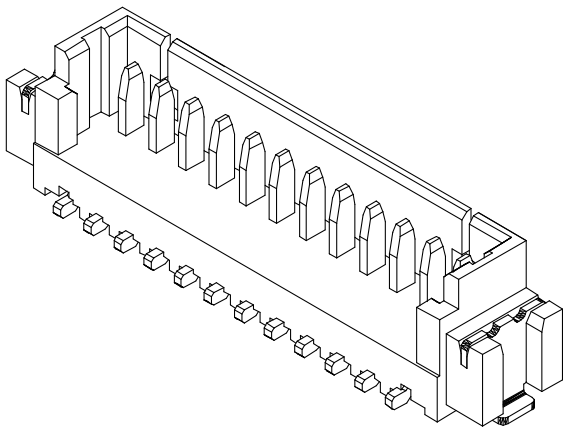


Wire-to-Board  
Wafer

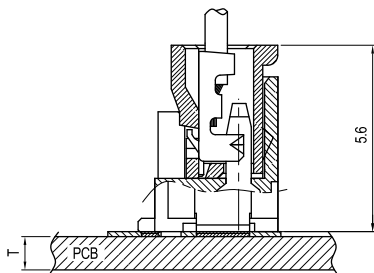
12505WS Series

SMT

Straight



PCB LAYOUT



PCB ASS'Y

## Material

| I/NO | DESCRIPTION | TITLE   | MATERIAL                     |
|------|-------------|---------|------------------------------|
| 1    | WAFER       | 12505WS | PA6T or PA46, UL 94V Grade   |
| 2    | PIN         | 12505PS | Phosphor Bronze & Tin Plated |
| 3    | HOOK        | 12505LS | Brass & Tin Plated           |

## Available Pin

| PARTS NO.     | A     | B     | C     |
|---------------|-------|-------|-------|
| 12505WS-02A00 | 7.25  | 3.05  | 1.25  |
| 12505WS-03A00 | 8.50  | 4.30  | 2.50  |
| 12505WS-04A00 | 9.75  | 5.55  | 3.75  |
| 12505WS-05A00 | 11.00 | 6.80  | 5.00  |
| 12505WS-06A00 | 12.25 | 8.05  | 6.25  |
| 12505WS-07A00 | 13.50 | 9.30  | 7.50  |
| 12505WS-08A00 | 14.75 | 10.55 | 8.75  |
| 12505WS-09A00 | 16.00 | 11.80 | 10.00 |
| 12505WS-10A00 | 17.25 | 13.05 | 11.25 |
| 12505WS-11A00 | 18.50 | 14.30 | 12.50 |
| 12505WS-12A00 | 19.75 | 15.55 | 13.75 |
| 12505WS-13A00 | 21.00 | 16.80 | 15.00 |
| 12505WS-14A00 | 22.25 | 18.05 | 16.25 |
| 12505WS-15A00 | 23.50 | 19.30 | 17.50 |

## Specification

| ITEM                   | SPEC        |
|------------------------|-------------|
| Voltage Rating         | AC/DC 125V  |
| Current Rating         | AC/DC 1A    |
| Operating Temperature  | -25°C~+85°C |
| Contact Resistance     | 30mΩ MAX    |
| Withstanding Voltage   | AC250V/1min |
| Insulation Resistance  | 100MΩ MIN   |
| Applicable Wire        | -           |
| Applicable P.C.B       | 0.8~1.6mm   |
| Applicable FPC/FFC     | -           |
| Solder Height          | 0.15mm      |
| Crimp Tensile Strength | -           |
| UL FILE NO             | E108706     |