

SPECIFICATIONS

1. D-SUB

- 1.1 Voltage: 250 VAC(RMS) Max.
- 1.2 Current Rating: 3 Ampere per Contact
- 1.3 Contact Resistance: 25 Milliohms Max.
- 1.4 Insulation Resistance: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 1000 VAC(RMS)
- 1.6 Total Mating Force: 4.0 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C

2. Displayport

- 2.1 Voltage: 40 VAC(RMS) Max.
- 2.2 Current Rating: 0.5 Ampere per Pontact
- 2.3 Contact Resistance: 30 Milliohms Max.
- 2.4 Insulation Resistance: 100 Megohms Min.
- 2.5 Dielectric Withstanding Voltage: 500V DC(RMS)
- 2.6 Total Mating Force: 4.5 Kgf Max.
- 2.7 Total Unmating Force: 1.0 Kgf Min.
- 2.8 Operating Temperature: -25°C to +85°C

NOTES

1. MATERIAL:

Housing(D-SUB):PBT, UL 94V-0, Color:Black.
Housing(DP):LCP, UL 94V-0, Color:Black.
Connecting Pedestal:PBT, UL 94V-0, Color:Black.
Terminal:Copper Alloy.
Shell(D-SUB):SPCC.
Shell(DP):Stainless Steel.
Boardlock:Copper Alloy.
Bracket:Zinc Alloy.
Gasket:Stainless Steel.
Screw:Copper Alloy.

2. FINISH:

Terminal:Gold Plated Over Nickel at Contact Area.
Tin Plated Over Nickel at Solder Ared.
Shell(D-SUB):Nickel Plated.
Shell(DP):100u" MIN. Tin Plated in Solder Area,
50u" MIN. Nickel Underplated Overall.
Boardlock:Tin Plated.
Bracket:Nickel Plated.
Screw:Nickel Plated.

3. This Product is RoHS Compliance Product.



Champyang International Ltd., Co

FILE NO : ACB05 (Series)

TITLE
圖 名

D-SUB 9 MALE/DP 20-POS. FEMALE DIP TYPE

UNIT
單位 mm
inch

TOLERANCE(公差):
0.000 mm ± 0.13 mm
0.00 mm ± 0.25 mm

PART NO.
料 號

ACB05-1PDPA-1x2AE1AN0

SCALE
比例 1 : 1

DRAWN BY
製 圖

Ben

DATE
日期

2019-10-04

REV.
版本 A0

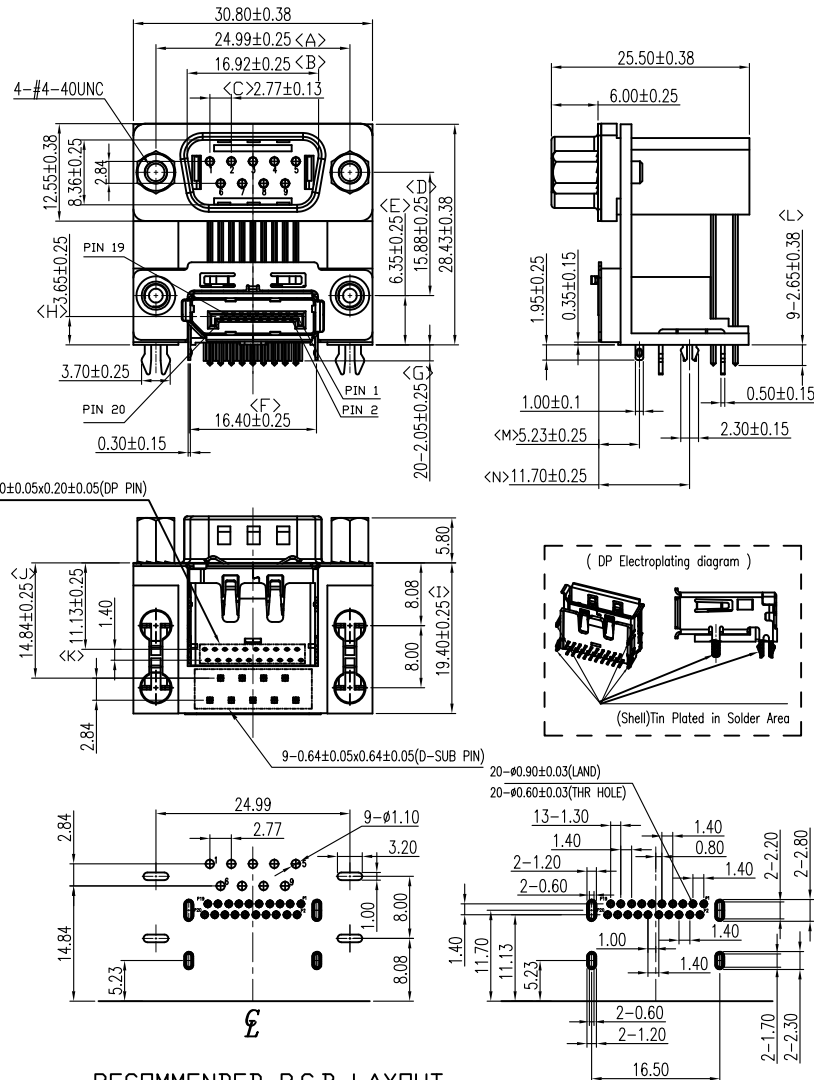
CHECKED BY
審 核

Allen

DATE
日期

2019-10-04

REVISION
圖 示



RECOMMENDED P.C.B LAYOUT

INSPECTION DIMENSION:(A)~(N)

A0	RELEASED	Allen	2019-10-04
REV	DESCRIPTION.	APPD.	Date

A

B

C

D