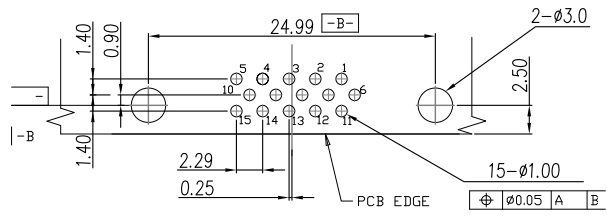
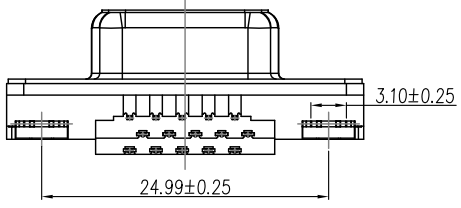
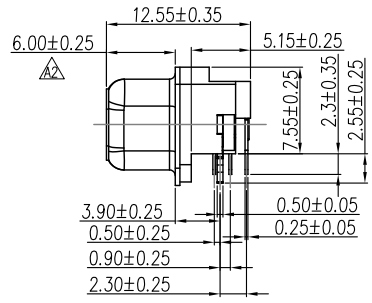
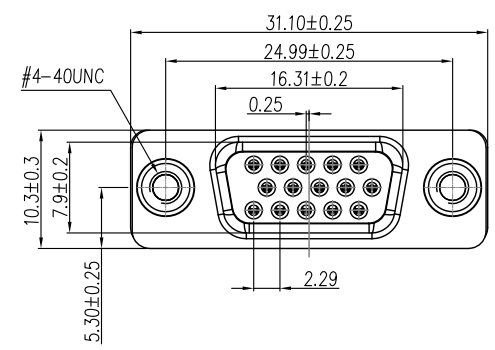


正式图 参考图

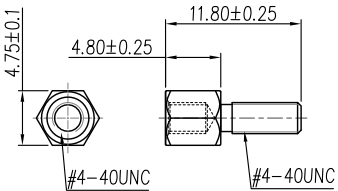
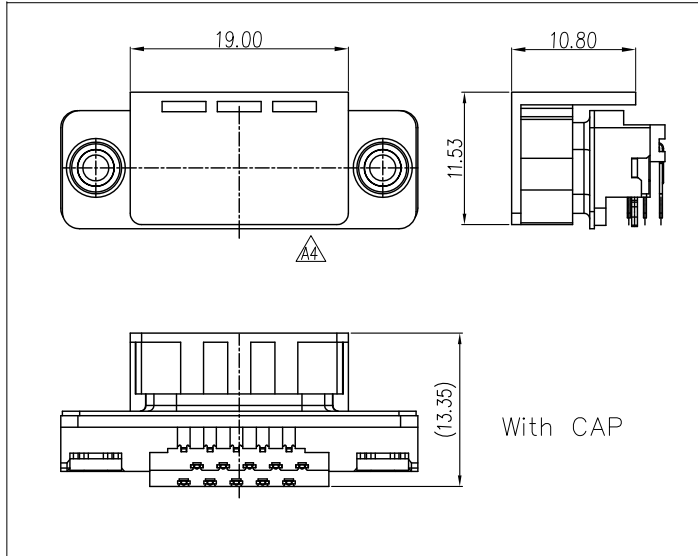


Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
		INITIAL RELEASE	Carlyle Xu	2017-05-26
	EN20170630002	Modify the part structure	David Zhou	2017-06-30
	EN20170706002	Modify the part structure	David Zhou	2017-07-06
	EN20180424001	Modify the part structure	Peter Wang	2018-04-24

NOTES:  
 1.Rating:2.0A;  
 2.Contact Resistance:≤30Milliohm,After Test:≤50Milliohm;  
 3.Insulation Resistance:≥5000Megohm(DC500V);  
 4.Withstand Voltage:AC1000V for 1Minute;  
 5.Insertion force:44.5N Max;  
 6.Extraction force:3.34~31.15N;  
 7.Life test:500Cycles.  
 8.Operating Temperature:-55°C~+125°C 85%RH Max;  
 9.Storage Temperature:-55°C~+125°C 85%RH Max.  
 10.Recommende Process:  
 Wave solder 260°C, 3~5 Seconds.  
 IR Reflow,Peak Temp (230~245) °C,20~40Seconds.



RECOMMENDED P.C.B LAYOUT (P.C.B THICKNESS 1.60±0.05mm)  
 COMPONENT SIDE VIEW  
 UNSPECIFIED DIMENTION TOLERANCE IS ±0.05mm.



4.8x11.8 SCREW

NO.	CODE	MATERIAL	COLOR	REMARK
3	C1	LCP 30%GF UL94V-0	Choose P/N	RoHS2 Fit( IR Reflow)
2	C0	LCP 30%GF UL94V-0	Choose P/N	RoHS2&H.F Fit( IR Reflow)
1	D3	PA66 30%GF UL94V-0	Choose P/N	RoHS2 Fit((Wave solder)

TABLE A : Plastical Material

VDS101W-XXXX-XXXXXXXXX

Model P/N

Plastical Material (Choose From Table A)

Color  
01: Black  
03: Green

PIN Number  
15: 15 Pin

Packing   
B: Tray;  
R: Tape reel;  
M: Tape ree+ CAP;

Remark  
WL: Without Screw  
S2: Lock screw(4.8mm)  
F2: Lock screw(5.8mm)

Plating Code  
A: Gold Flash

Product salt mist  
O: Normal;  
A: 24Hours;  
B: 48Hours;

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
⑦	CAP	1	LCP	BLACK	-
⑥	Screw	2	SPCC	Plating Nickel	-
⑤	Board Lock	2	SPCC T=0.40mm	Tin 100u"Min on solder tails.Ni 50u" Allover.	-
④	Rivet	1	Brass	Plating Nickel	-
③	Terminal	15	C2680 T=0.25mm	Choose from P/N Plating code	-
②	Shell	1	SPCC T=0.40mm	Plating Nickel	-
①	Housing	1	Choose from TABLE A	Choose from P/N color code	-

Tolerance X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±3.0°	MODEL NAME:D-SUB CONNECTOR MODEL No:VDS101W-XXXX-15XXXXXX	DRAWING: Carlyle Xu CHECKED: David Zhou APPROVED: Jacky Lee DATE: 2017-05-26
UNIT:mm	SCALE:1:1 REVISION A4 SHEET 1/1	FILE: F/LINGYANG DWG NO. VDS101W-A001

菱揚精密有限公司  
 Ling Yang Precision Co.,Ltd