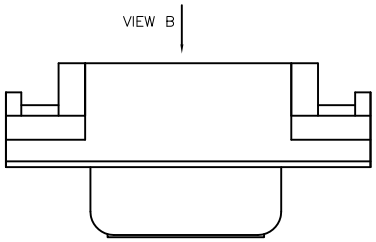
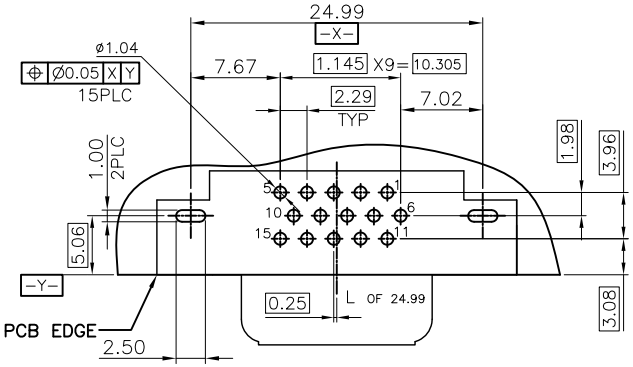
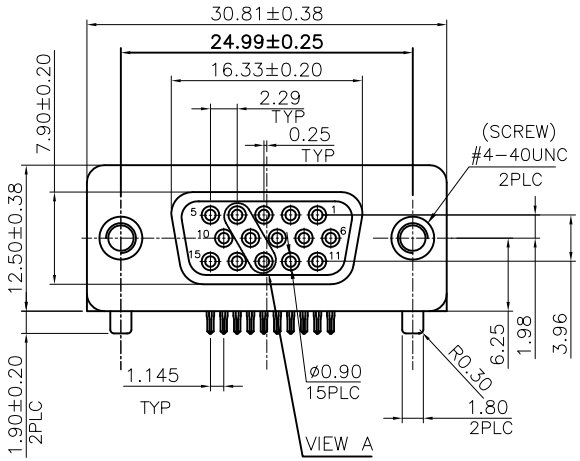
正式图 | 参考图 | CUSTOMER DRAWING | The requirements of environmental protection | ROHS2 | Halogen free

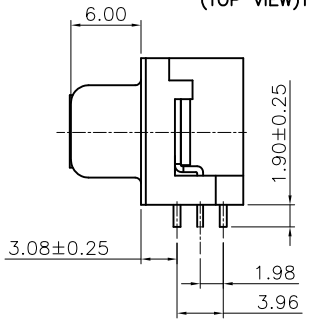
Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
———	———	INITIAL RELEASE	Carlyle Xu	2015-03-24

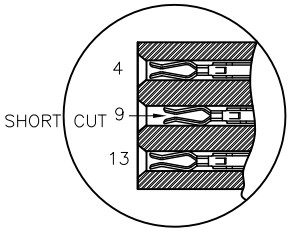




RECOMMENDED PCB LAYOUT
(TOP VIEW)TOLERANCE:±0.05



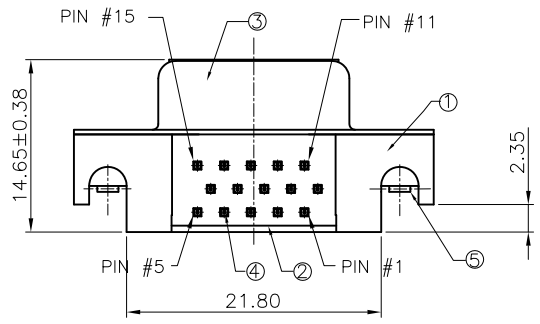


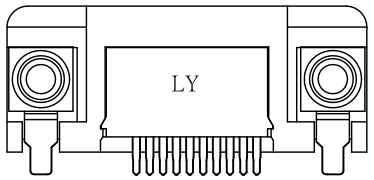


NOTES:
1.Rating:250V AC(rms) 3.0A;
2.Contact Resistance:≤30Milliohm,After Test:≤50Milliohm;
3.Insulation Resistance:≥5000Megohm(DC500V);
4.Withstand Voltage:AC1000V for 1Minute;
5.Insertion force:44.5N Max;
6.Extraction force:3.34~31.15N;
7.Life test:500Cycles.
8.Operating Temperature:-55°C~+125°C 85%RH Max;
9.Storage Temperature:-55°C~+125°C 85%RH Max.

NO.	CODE	MATERIAL	COLOR	REMARK
5	C0	LCP UL94V-0	Choose P/N	RoHS2 Fit
4	L0	PA9T 30%G/F UL94V-0	Choose P/N	RoHS2 Fit
3	D3	P66 30%G/F UL94V-0	Choose P/N	RoHS2 Fit
2	B4	PBT 30%G/F UL94V-0	Choose P/N	RoHS2&H.F Fit
1	B0	PBT 30%G/F UL94V-0	Choose P/N	RoHS2 Fit

TABLE A : Plastical Material





VIEW B

P/N: VDS044B-XXXX-XXXXXXX

- Model P/N
- Plastical Material (Choose From Table A)
- Housing Color
  - 01:Black
  - 03:White
  - 07:Blue
  - 67:White(Ivory)
  - 70:Turkish coffee(19-0812TPX/U)
- PIN Number
- Product salt mist
  - A:Nomal;
  - B:24Hours;
  - C:48Hours;
- Packing
  - B:Tray;
- Screw:
  - WL:Without screw
  - S1:Attachment screw(4.8mm)
  - S2:Lock screw(4.8mm)
  - F1:Attachment screw(5.8mm)
  - F2:Lock screw(5.8mm)
- Plating Code
  - 0:Bright Tin;
  - 3:CONTACT AREA:GOLD FALSH,SOLDER AREA:MATTE TIN80U"
  - B:CONTACT AREA:3U"GOLD,SOLDER AREA:MATTE TIN80U"
  - C:CONTACT AREA:5U"GOLD,SOLDER AREA:MATTE TIN80U"
  - D:CONTACT AREA:10U"GOLD,SOLDER AREA:MATTE TIN80U"
  - E:CONTACT AREA:15U"GOLD,SOLDER AREA:MATTE TIN80U"
  - F:CONTACT AREA:20U"GOLD,SOLDER AREA:MATTE TIN80U"
  - G:CONTACT AREA:30U"GOLD,SOLDER AREA:MATTE TIN80U"

NO.	DESCRIPTION	QTY	PARTS MATERIAL	PLATING OR COLOR	REMARK
6	Rivet	2	Brass	Cu50u"+Ni:80u"Min	–
5	Board locks	2	Spcc-sd t=0.5mm	Cu50u"+Ni:100u"+Bright Tin100u"	–
4	Terminal	15	C2680R-H t=0.2mm	Choose from table P/N:Plating code	–
3	Shell	1	Spcc-sd t=0.35mm	Cu:50u"+Ni:80u"	–
2	Cover	1	Choose from table A	Choose from P/N Housing color	–
1	Housing	1	Choose from table A	Choose from P/N Housing color	–

Tolerance
X.X ±0.30
X.XX ±0.20
X.XXX ±0.10
Angle ±3.0°

UNIT:mm

SCALE:1:1 | REVISION A0 | SHEET 1/1

MODEL NAME:D-SUB CONNECTOR
MODEL No: VDS044B-XXXX-15C3WLB

菱揚精密有限公司
Ling Yang Precision Co.,Ltd

DRAWING: Carlyle Xu
CHECKED: David zhou
APPROVED: Jacky Lee
DATE: 2015-03-24
FILE: F/LINGYANG
DWG NO. VDS044B-A001