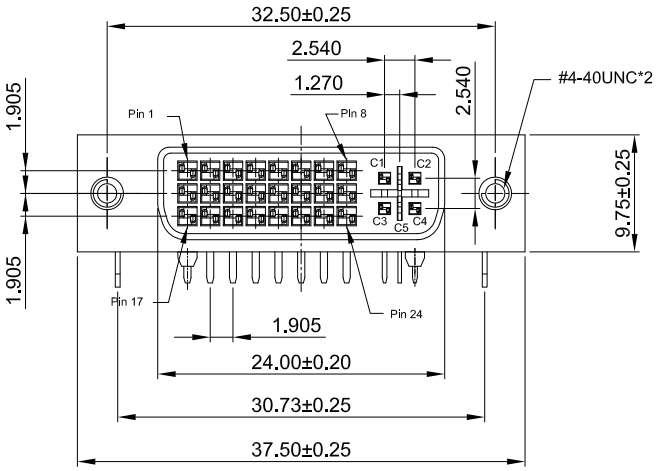
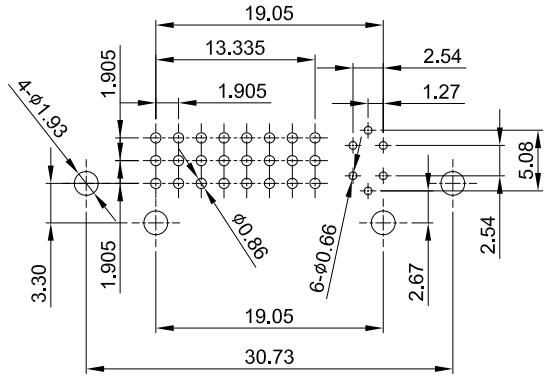
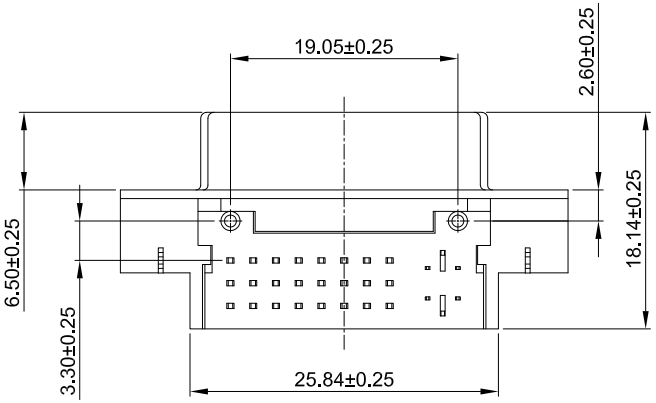
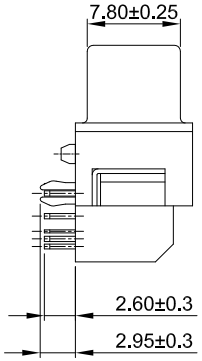
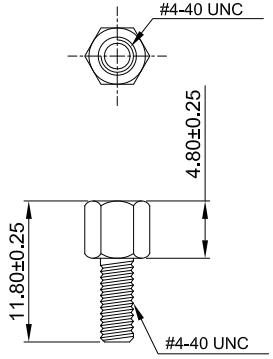




RECOMMENDED PCB LAYOUT







Signal Pin assignments Table

Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	T.M.D.S.Data2-	9	T.M.D.S.Data1-	17	T.M.D.S.Data0-
2	T.M.D.S.Data2+	10	T.M.D.S.Data1+	18	T.M.D.S.Data0+
3	T.M.D.S.Data2/4 Shield	11	T.M.D.S.Data1/3 Shield	19	T.M.D.S.Data0/5 Shield
4	T.M.D.S.Data4-	12	T.M.D.S.Data3-	20	T.M.D.S.Data5-
5	T.M.D.S.Data4+	13	T.M.D.S.Data3+	21	T.M.D.S.Data5+
6	DDC Clock	14	+5V Power	22	T.M.D.S.Clock Shield
7	DDC Data	15	Ground(return for +5V, HSync,and Vsync)	23	T.M.D.S.Clock+
8	Analog Vertical Sync	16	Hot Plug Detect	24	T.M.D.S.Clock-
C1	Analog Red	C2	Analog Green	C3	Analog Blue
C4	Analog Horizontal Sync	C5	Analog Green (analog R,G,&B return)		

NOTES:

1. Material:
   - Housing: PBT+Nylon66, UL 94V-0 Rated.
   - Color: Black.
   - Contact: Brass.
   - Plating: Gold Plating over Nickel on Contact Area.
     Tin Plating on Solder Tail.
   - Harpoon: SPCC.
   - Plating: Tin Plating Over Nickel.
   - Shell: SPCC.
   - Plating: Full Nickel Plating.
   - Rivet: Copper Alloy (Lead≦40000PPM)
   - Plating: Full Nickel Plating.
   - Screw: SPCC (Lead≦40000PPM)
   - Plating: Full Nickel Plating.
2. Mechanical:
   - Mating Force: 4.5Kg Max.
   - Unmating Force: 1.0Kg Min and 4.0Kg Max.
   - Durability: 100 Cycles
3. Electrical Specification:
   - Current Rating: 1.5 Ampere per Contact.
   - Shell Resistance: 50mΩ Max Initial, 50mΩ Max.
   - Contact Resistance: 20mΩ Max.
   - Insulation Resistance: 1000MΩ Min.
   - Dielectric Withstanding Voltage: 500V DC RMS ± 50V,60 HZ.
4. Environmental:
   - Operating Temperature: -20°C to +85°C

Part Number:

CDVI- F29RDG0-P1

- DVI Connector Series
- F: Female Type
- 29: 24+5Pins
- R: Right Angle
- 1: Standard D=2.60mm
- P: Package with Screw
- 0: Black Color
- G: Gold Flash
- D: DIP Type

REV	DATE	DESCRIPTION
A	04/14/08	RELEASED FOR PRODUCTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM
TOLERANCES ARE:
DECIMALS: .X ± .38, .XX ± .25, .XXX ± .20
ANGLES: ± 3°

DO NOT SCALE DRAWING

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE

APPROVALS		DATE
DRAWN	Chris	04/14/08
CHECKED	Cindy	04/14/08
APPV	Jason	04/14/08

SHEET 1 OF 1 | SCALE NONE

凱聯科技股份有限公司
Conn-Link Technology Inc.

DESCRIPTION: DVI-I Connector, 24+5Pins, Female, Black Color
Right Angle, DIP=2.60mm, Package with Screw

DWG. NO. CDVI-F29-0P1 | REV. A