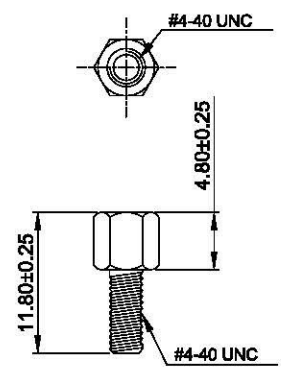
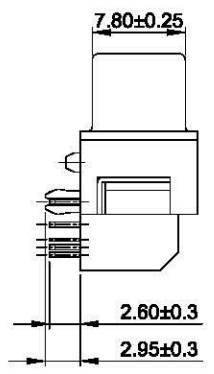
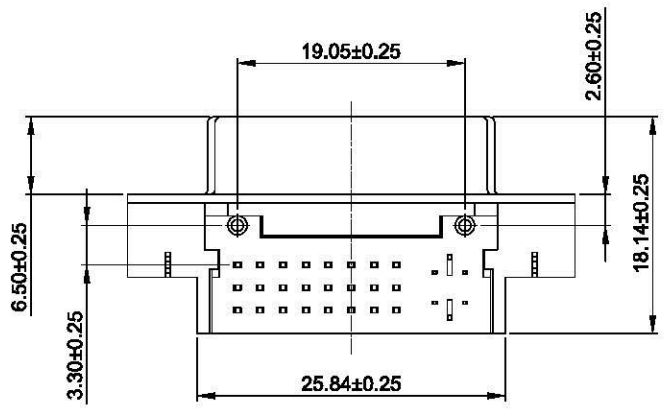


RECOMMENDED PCB LAYOUT

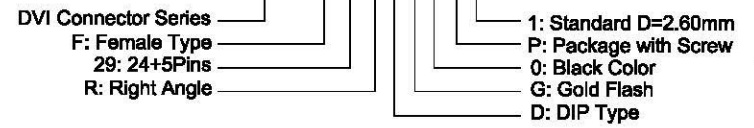


NOTES:

- 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.
- Mechanical:**
 Mating Force: 4.5Kg Max.
 Unmating Force: 1.0Kg Min and 4.0Kg Max.
 Durability: 100 Cycles
- 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.
- Environmental:**
 Operating Temperature: -20°C to +85°C

Part Number:

CDVI- F29RDG0-P1



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)		

A		04/14/08	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		
DECIMALS ANGLES				
X ± .38		www.allconnectors.de		
.XX ± .25		Tel: +0049 711 7005503		
.XXX ± .20		info@allconnectors.de		
		Fax: +0049 711 7005504		
		JULIUS-ROBERT-Straße 25		
DO NOT SCALE DRAWING		DESCRIPTION		
SHEET 1 OF 1		DVI-I Connector, 24+5Pins, Female, Black Color		
SCALE NONE		Right Angle, DIP=2.60mm, Package with Screw		
DWG. NO.		CDVI-F29-0P1		
REV.		A		