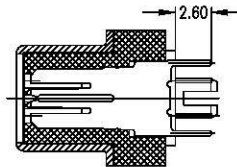
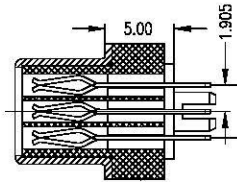


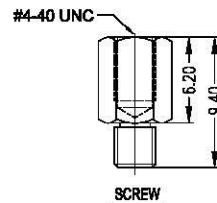
P.C.B. Layout
TOP VIEW

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+
8	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)		



SECT A-A



SCREW

NOTES:

1. Material:

Body: Nylon66+30%G.F, UL 94V-0 Rated.
Color: White.
Latch: Nylon66+30%G.F, UL 94V-0 Rated.
Color: White.

Contact: Brass.

Plating: Gold Plating over Nickel on Contact Area.
Tin Plating on Solder Tail.

Shell: SPCC.

Plating: Full Nickel Plating.

2. Mechanical:

Mating Force: 4.5Kg Max @ 25mm/Munite.
Unmating Force: 1.0Kg Min and 4.0Kg Max @ 25mm/Munite.
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- F29VDG1-P1

DVI Connector Series
F: Female Type
29: 24+5Pins
V: Vertical Type

1: Standard DIP Version
P: Package with Screw
1: White Color
G: Gold Flash
D: DIP Type

A	05/11/09	RELEASED FOR PRODUCTION		DESCRIPTION	
REV	DATE	CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM TOLERANCES ARE:					
DECIMALS ANGLES		APPROVALS	DATE	www.allconnectors.de Tel: 0049 711 7009508 70794 Filzschlamm - Germany	
X ± .38	± 3°	CHRIS	05/11/09	info@allconnectors.de Fax: 0049 711 7005504 Kellerners tr. 25	
.XX ± .25		CHDY	05/11/09	DESCRIPTION	
.XXX ± .20		JASON	05/11/09	DVI-I Connector, 24+5Pins, Female Type Vertical, DIP=2.60mm, Package with Screw	
DO NOT SCALE DRAWING		SHEET 1 OF 1	SCALE NONE	DWG. NO. CDVI-F29-VP1	REV. A