

REV.	ECN.	DATE	DWN	APVD
A.1	ECN-081106-01	11/13/08	MANDY	HENRY

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-

MATERIAL:

INSULATOR : NYLON, UL 94V-0.

CONTACT : COPPER ALLOY.

CONTACT FINISH : GOLD PLATING OVER NICKEL ON CONTACT AREA, TIN PLATING ON SOLDER TAIL.

BOARDLOCK: BRASS, TIN PLATED.

SHELL SPCC.

SPECIFICATION:

CURRENT RATING : 1.5 AMP.

DIELECTRIC WITHSTANDING VOLTAGE : 500V DC RMS.

INSULATION RESISTANCE : 1000MΩ MIN.

CONTACT RESISTANCE : 20mΩ MAX.

OPERATING TEMPERATURE : -20°C ~ +85°C.

ORDER INFORMATION :

D V 1 1 - 2 4 0 1 N C 1 0 0 - R
1 2 3 4 5 6 7 8 9 10

1. SERIES NUMBER:

2. POSITION:
24

3. CONTACT TYPE/MATERIAL:
0=FEMALE / COPPER ALLOY

4. CONTACT PLATING:
1=SELECTIVE GOLD FLASH
4=SELECTIVE 15u" GOLD
6=SELECTIVE 30u" GOLD

5. INSULATOR COLOR:
N=NATURE

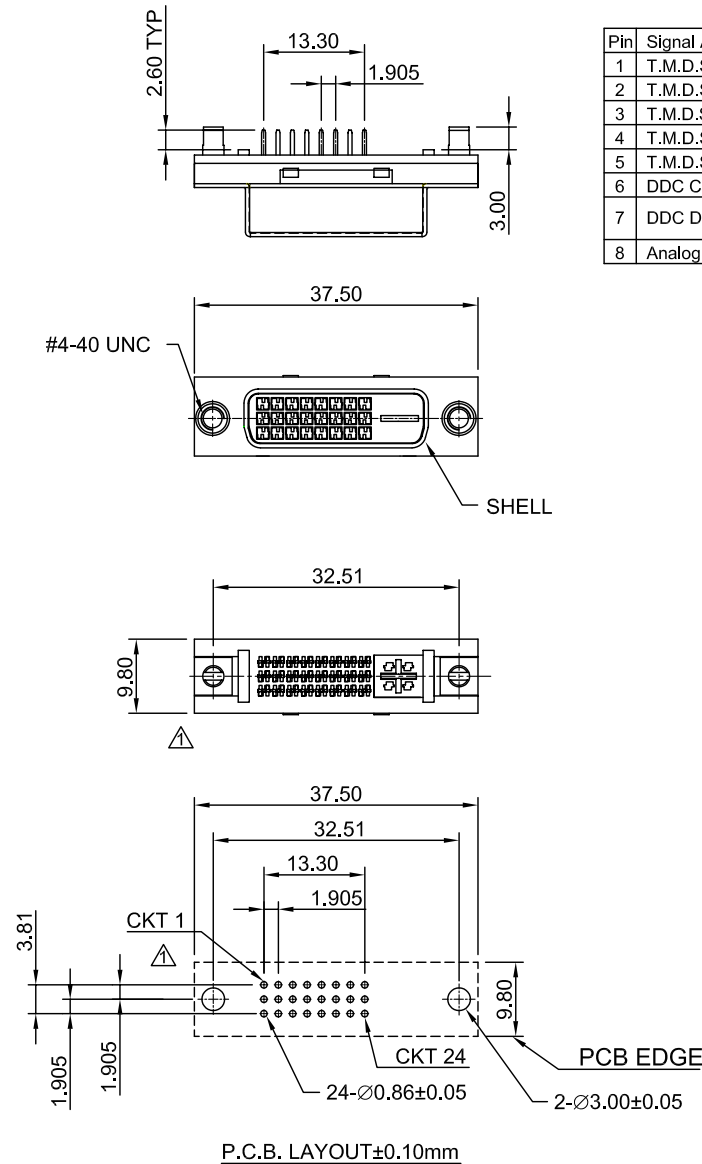
6. INSULATOR MATERIAL:
C=NYLON

7. SHELL PLATING:
1=NICKEL

8.MOUNTING OPTION:
0=RIVET WITH BOARD LOCK,

9. MATING OPTION:
0=4-40 THREADED RIVETED
1=4-40 THREADED AND FIXED SCREWS
7=4-40 THREADED AND LOOSE SCREWS

10. GREEN PRODUCT:
R=RoHS COMPLIANT



淮洋有限公司 HUAI YANG CO., LTD.
www.hy1688.com.tw TEL:886-2-82618986

GENERAL TOLERANCE

X.X ± 0.38
X.XX ± 0.25
X.XXX ± 0.20
ANGLE TOLERANCE ± 3°

DRAWN.

TRACY

DATE

07 - 12 - 2006

DRAWING NO.

C-DV0007

CUSTOMER DRAWING

CHECKED.

HENRY

DATE

07 - 31 - 2006

TITLE.

DVI CONN. PCB STRAIGHT TYPE 24 PIN FEMALE

APPROVED.

HENRY

DATE

07 - 31 - 2006

PART NO.

DV11-240XNC10X-R

REV

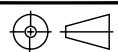
A.1

SIZE
A4

UNIT
mm

SCALE.
1 : 1

SHEET.
1 OF 1



REV.	ECN.	DATE	DWN	APVD
A.1	ECN-081106-01	11/13/08	MANDY	HENRY

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)		

MATERIAL:

INSULATOR : NYLON, UL 94V-0.

CONTACT : COPPER ALLOY.

CONTACT FINISH : GOLD PLATING OVER NICKEL ON CONTACT AREA, TIN PLATING ON SOLDER TAIL.

BOARDLOCK: BRASS, TIN PLATED.

SHELL SPCC.

SPECIFICATION:

CURRENT RATING : 1.5 AMP.

DIELECTRIC WITHSTANDING VOLTAGE : 500V DC RMS.

INSULATION RESISTANCE : 1000MΩ MIN.

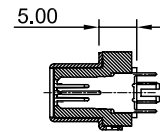
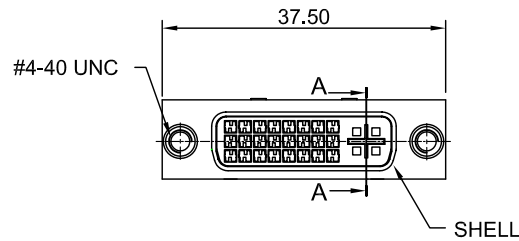
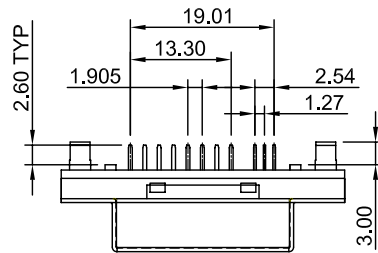
CONTACT RESISTANCE : 20mΩ MAX.

OPERATING TEMPERATURE : -20°C ~ +85°C.

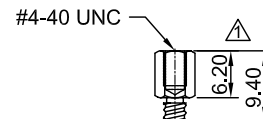
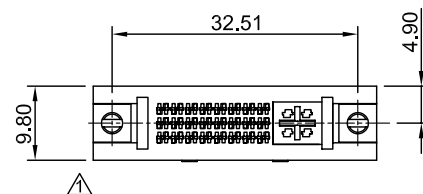
ORDER INFORMATION :

D V 1 1 - 2 9 0 1 N C 1 0 0 - R
1 2 3 4 5 6 7 8 9 10

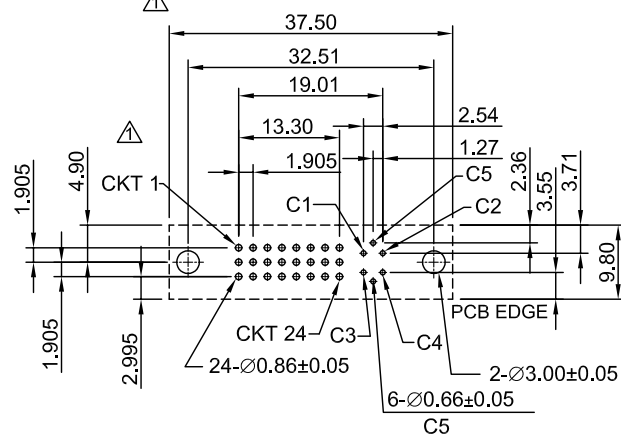
- | | |
|---------------------------|---------------------------|
| 1. SERIES NUMBER: | 7. SHELL PLATING: |
| 2. POSITION : | 1=NICKEL |
| 29 | |
| 3. CONTACT TYPE/MATERIAL: | 8.MOUNTING OPTION: |
| 0=FEMALE / COPPER ALLOY | 0=RIVET WITH BOARD LOCK, |
| 4. CONTACT PLATING: | 9. MATING OPTION: |
| 1=SELECTIVE GOLD FLASH | 0=4-40 THREADED RIVETED |
| 4=SELECTIVE 15u" GOLD | 1=4-40 THREADED AND FIXED |
| 6=SELECTIVE 30u" GOLD | SCREWS |
| 5. INSULATOR COLOR: | 7=4-40 THREADED AND LOOSE |
| N=NATURE | SCREWS |
| 6. INSULATOR MATERIAL: | 10. GREEN PRODUCT: |
| C=NYLON | R=RoHS COMPLIANT |



SECT A-A



SCREW



P.C.B. LAYOUT±0.10mm

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GENERAL TOLERANCE

X.X ± 0.38

X.XX ± 0.25

X.XXX ± 0.20

ANGLE TOLERANCE ± 3°

DRAWN.

TRACY

DATE

07 - 12 - 2006

DRAWING NO.

C-DV0008

CUSTOMER DRAWING

CHECKED.

HENRY

DATE

07 - 31 - 2006

TITLE.

DVI CONN. PCB STRAIGHT TYPE 29 PIN FEMALE

APPROVED.

HENRY

DATE

07 - 31 - 2006

PART NO.

DV11-290XNC10X-R

REV

A.1

SIZE
A4

UNIT
mm

SCALE.
1 : 1

SHEET.
1 OF 1

