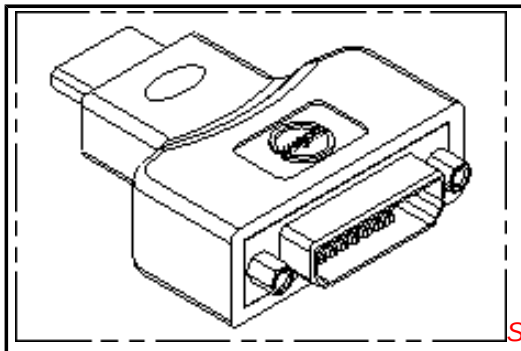
molex
one company > a world of innovation

This document was generated on 05/26/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0887642000
Status: Active
Overview: high_definition_multimedia_interface_hdmi
Description: 0.50mm (.020") Pitch HDMI*(M) To 1.90mm (.075") Pitch DVI-D(F) Adapter



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	88768
Application	Wire-to-Board, Wire-to-Wire
Component Type	Adapter
Overview	high_definition_multimedia_interface_hdmi
Product Name	HDMI, MicroCross™DVI
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	19
Circuits (maximum)	19
Color - Resin	Natural
Gender	Plug
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA), Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Low Density Polyethylene
Number of Rows	2
Orientation	Horizontal
PC Tail Length (in)	0.000 In
PC Tail Length (mm)	0.00 mm
PCB Locator	No
PCB Thickness Recommended (in)	0.000 In
PCB Thickness Recommended (mm)	0.00 mm
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface (in)	0.020 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.020 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	2, 32
Plating min: Mating (µm)	0.05, 0.8
Plating min: Termination (µin)	150, 50.8
Plating min: Termination (µm)	1.27, 3.75
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	0.5A

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
88768Series

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V DC

Material Info

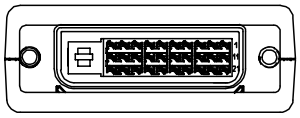
Reference - Drawing Numbers

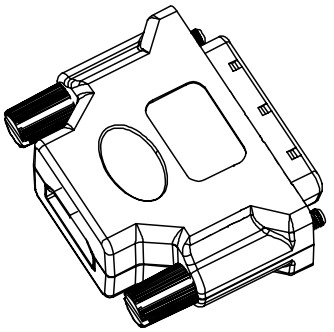
Sales Drawing	SD-88764-005, SD-887642000

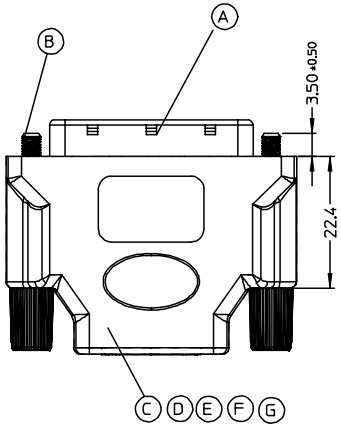
* High Definition Multimedia Interface and HDMI are trademarks of HDMI Licensing, LLC.

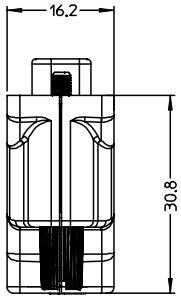
This document was generated on 05/26/2010

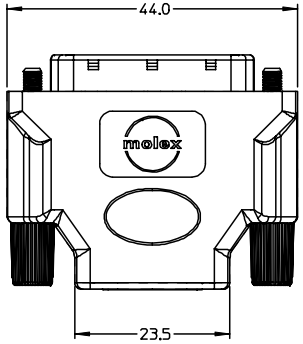
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

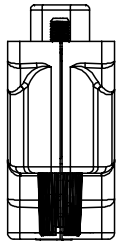


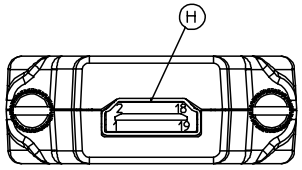












NOTES:

1. DIELECTRONIC STRENGTH: 300V AC FOR 10MS
2. INSULATION RESISTANCE: 10M OHM(MIN.)
3. CONTACT RESISTANCE: 2 OHM Max.
4. PCB IMPEDANCE: 100±10 OHM
5. ABS COVER MOLDED WITH 887800141 WHITE RESIN.

ITEM	DESCRIPTION	USAGE
H	HDMI RECEPTACLE	1
G	4-LAY PCB	1
F	BOTTOM METAL CAN	1
E	TOP METAL CAN	1
D	ABS BOTTOM COVER	1
C	ABS TOP COVER	1
B	4-40 UNC JACKSCREW	2
A	R/A P&D CONN.	1

EC NO.	DESCRIPTION	REV
DRWN:		
CHK:		
APPR:		
A		

QUALITY SYMBOLS
MAJOR ▼ - 0
CRITICAL ▽ - 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	0.	
3 PLACES	0.	
2 PLACES	0.	
1 PLACE	0.5	
ANGULAR: °		

SCALE N.S.T
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
☐mm/INCH ☐INCH/mm ☒mm ONLY
SHT | REV
REVISE ON CAD ONLY

DRAWN BY & DATE: ANDY 04/04/01
CHECKED BY & DATE: Teddy 04/04/01
APPROVED BY & DATE: Boron 04/04/01
CAD FILENAME: J6459-00.MI

TITLE: HDMI(F) TO P&D(M) ADAPTER

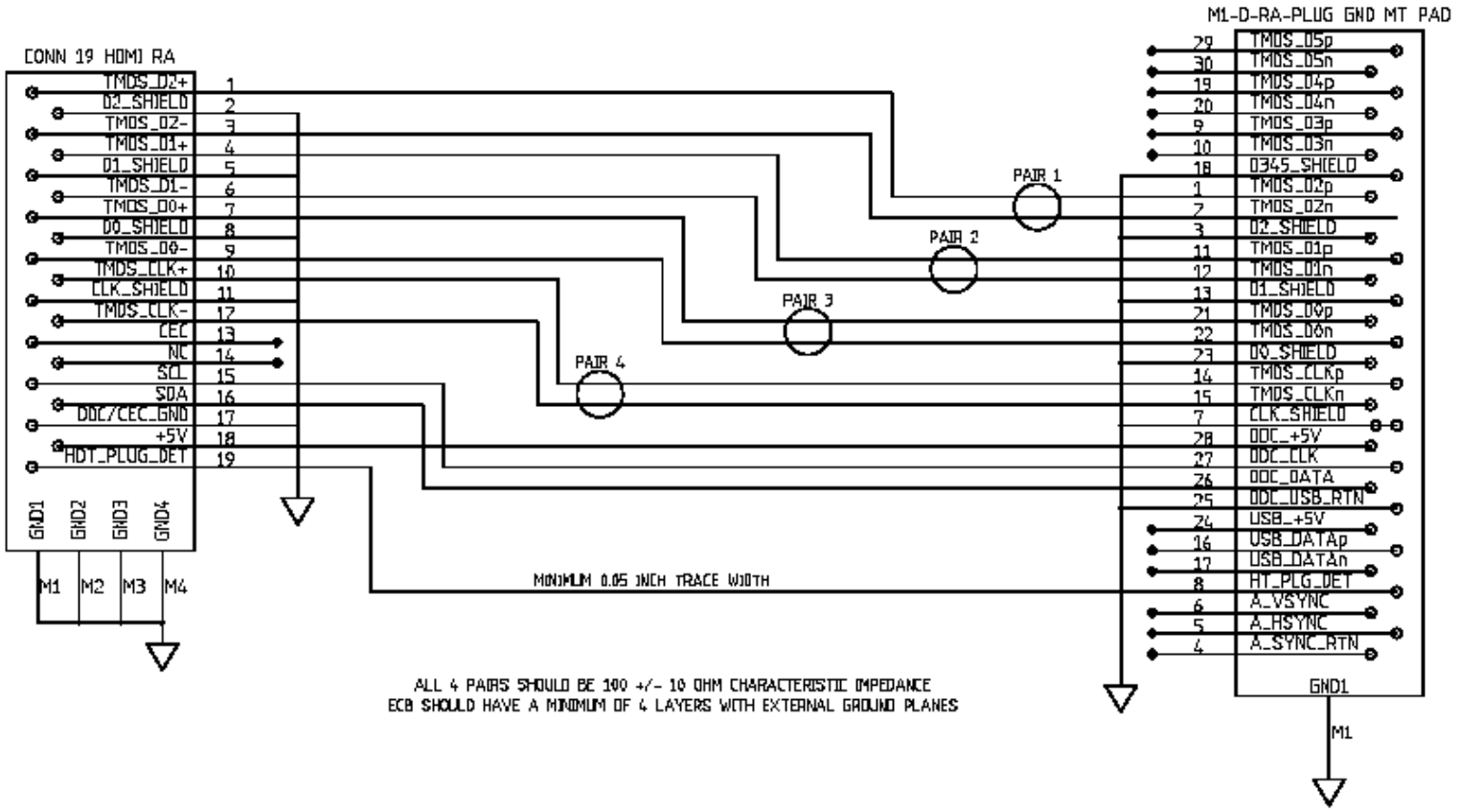
MOLEX INCORPORATED

MATERIAL NO.: 88764-5900
DRAWING NO.: RSD-88764-006
SHEET NO.: 1 OF 2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE A4

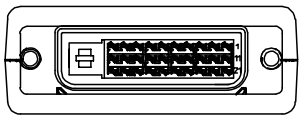
WBORD_A.BOR REV A
97/05/14 LEVEL 3

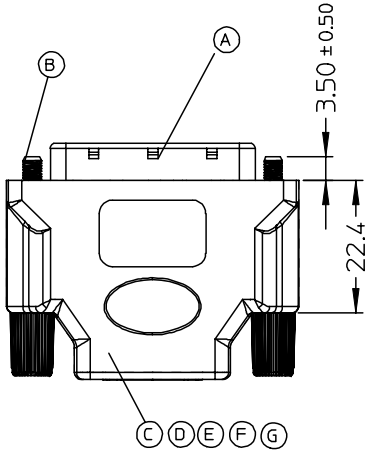


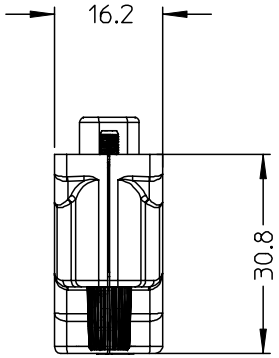
EC NO.	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)			SCALE N.S.T	DESIGN UNITS ☒mm ☐INCH	THIRD ANGLE PROJECTION	☐mm/INCH ☐INCH/mm ☒mm ONLY
DRWN:		MAJOR ▼ = 0		mm	INCH	DRAWN BY & DATE ANDY 04/04/01		TITLE: HDMI(F) TO P&D(M) ADAPTOR	
CHK:		CRITICAL ▽ = 0	4 PLACES	0.		CHECKED BY & DATE Teddy 04/04/01			
APPR:			3 PLACES	0.		APPROVED BY & DATE Boron 04/04/01		MOLEX INCORPORATED	
A	REV		2 PLACES	0.		CAD FILENAME J6459-00.MI	MATERIAL NO. 88764-5900	DRAWING NO. RSD-88764-006	SHEET NO. 2 OF 2
			1 PLACE	0.					
			ANGULAR: °			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			SIZE A4

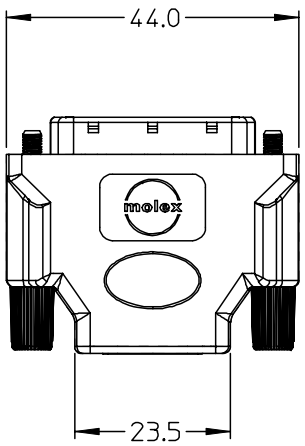
SHT | REV
REVISE ON CAD ONLY

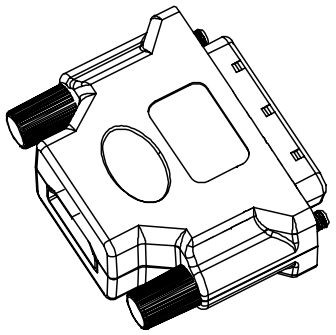
WBORD_A.BOR REV A
97/05/14 LEVEL 3

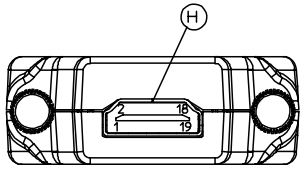












NOTES:
1. DIELECTRONIC STRENGTH: 300V AC FOR 10MS
2. INSULATION RESISTANCE: 10M OHM(MIN.)
3. CONTACT RESISTANCE: 2 OHM Max.
4. PCB IMPEDANCE: 100± 10 OHM
5. ABS COVER MOLDED WITH 887800141 WHITE RESIN.
6. THIS PRODUCT MEET ROHS COMPLIANCE

ITEM	DESCRIPTION	USAGE
H	HDMI RECEPTACLE	1
G	4-LAY PCB	1
F	BOTTOM METAL CAN	1
E	TOP METAL CAN	1
D	ABS BOTTOM COVER	1
C	ABS TOP COVER	1
B	4-40 UNC JACKSCREW	2
A	R/A P&D CONN.	1

ENTER DESCRIPTION
EC NO: DG2006-0175 2006/02/18
DRWN: JFZHENG 2006/02/20
CH'KD: JFZHENG 2006/02/20
APPR: DQLUO 2006/02/20
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JFZHENG DATE: 2006/02/18
CHECKED BY: JFZHENG DATE: 2006/02/18
APPROVED BY: DQLUO DATE: 2006/02/18

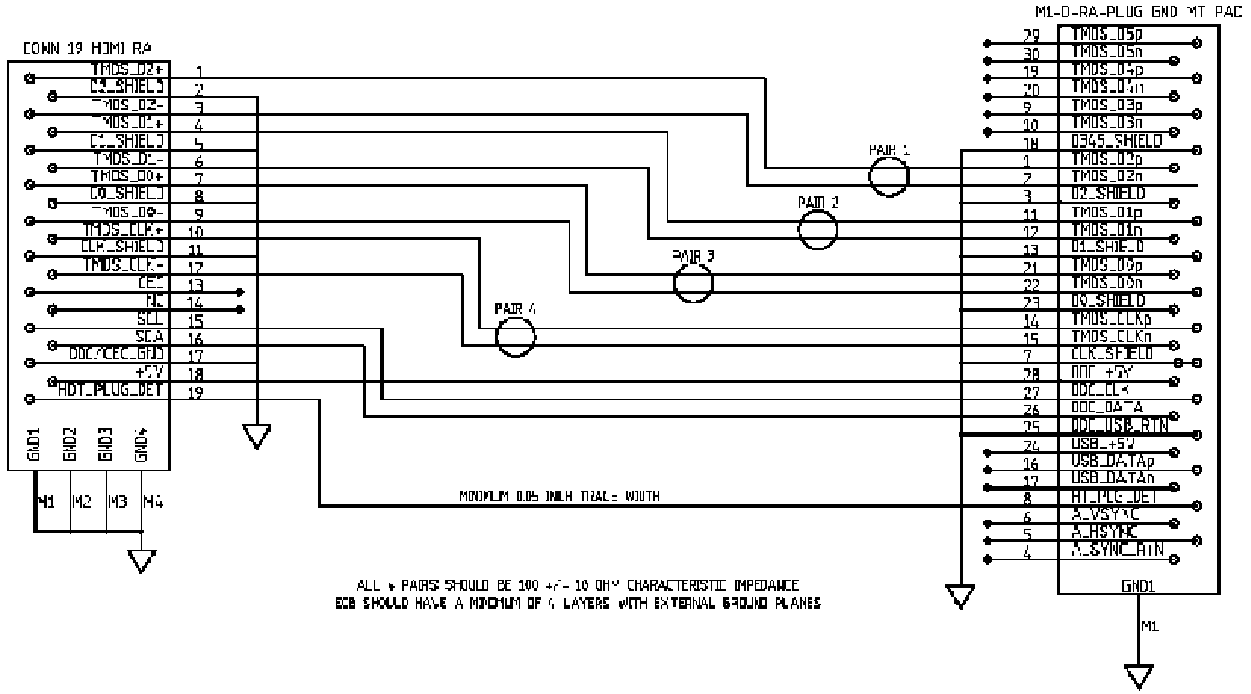
TITLE: HDMI(F) TO P&D ADAPTER

molex MOLEX INCORPORATED

MATERIAL NO.: ENTER PART
DOCUMENT NO.: SD-88764-590
SHEET NO.: 1 OF 2

SIZE A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



ENTER DESCRIPTION
EC NO: DG2006-0175 2006/02/18
DRWN: JFZHENG 2006/02/20
CH'KD: JFZHENG 2006/02/20
APPR: DQLUO 2006/02/20
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JFZHENG DATE: 2006/02/18
CHECKED BY: JFZHENG DATE: 2006/02/18
APPROVED BY: DQLUO DATE: 2006/02/18
MATERIAL NO.: ENTER PART

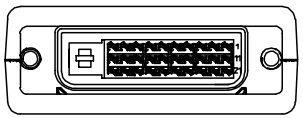
TITLE: HDMI(F) TO P&D ADAPTER

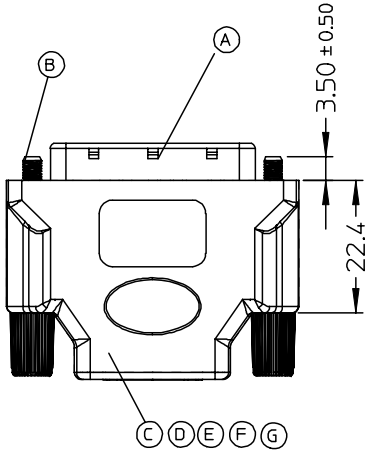
molex MOLEX INCORPORATED

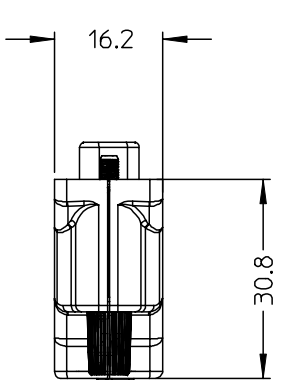
DOCUMENT NO.: SD-88764-590
SHEET NO.: 2 OF 2

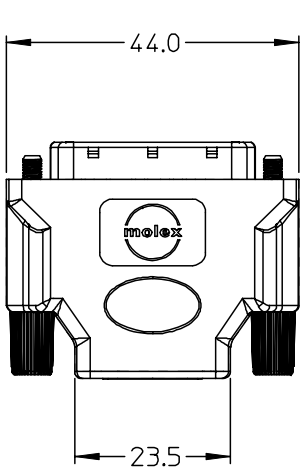
SIZE A4

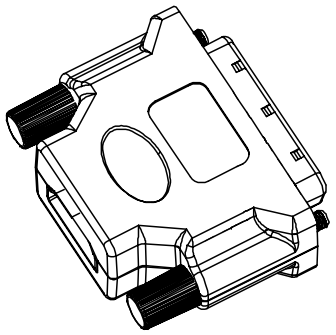
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

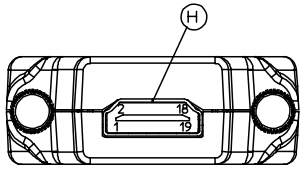












NOTES:
1. DIELECTRONIC STRENGTH: 300V AC FOR 10MS
2. INSULATION RESISTANCE: 10M OHM(MIN.)
3. CONTACT RESISTANCE: 2 OHM Max.
4. PCB IMPEDANCE: 100±10 OHM
5. ABS COVER MOLDED WITH 887800141 WHITE RESIN.
6. THIS PRODUCT MEET ROHS COMPLIANCE

ITEM	DESCRIPTION	USAGE
H	HDMI RECEPTACLE	1
G	4-LAY PCB	1
F	BOTTOM METAL CAN	1
E	TOP METAL CAN	1
D	ABS BOTTOM COVER	1
C	ABS TOP COVER	1
B	4-40 UNC JACKSCREW	2
A	R/A P&D CONN.	1

ENTER DESCRIPTION
EC NO: DG2006-0164 2006/01/20
DRWN: JFZHENG 2006/01/20
CH'KD: 2006/08/28
APPR: DQLUO
DESCRIPTION
REV C

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JFZHENG DATE: 2005/12/27
CHECKED BY: JFZHENG DATE: 2005/12/27
APPROVED BY: DQLUO DATE: 2005/12/27
MATERIAL NO.: ENTER PART

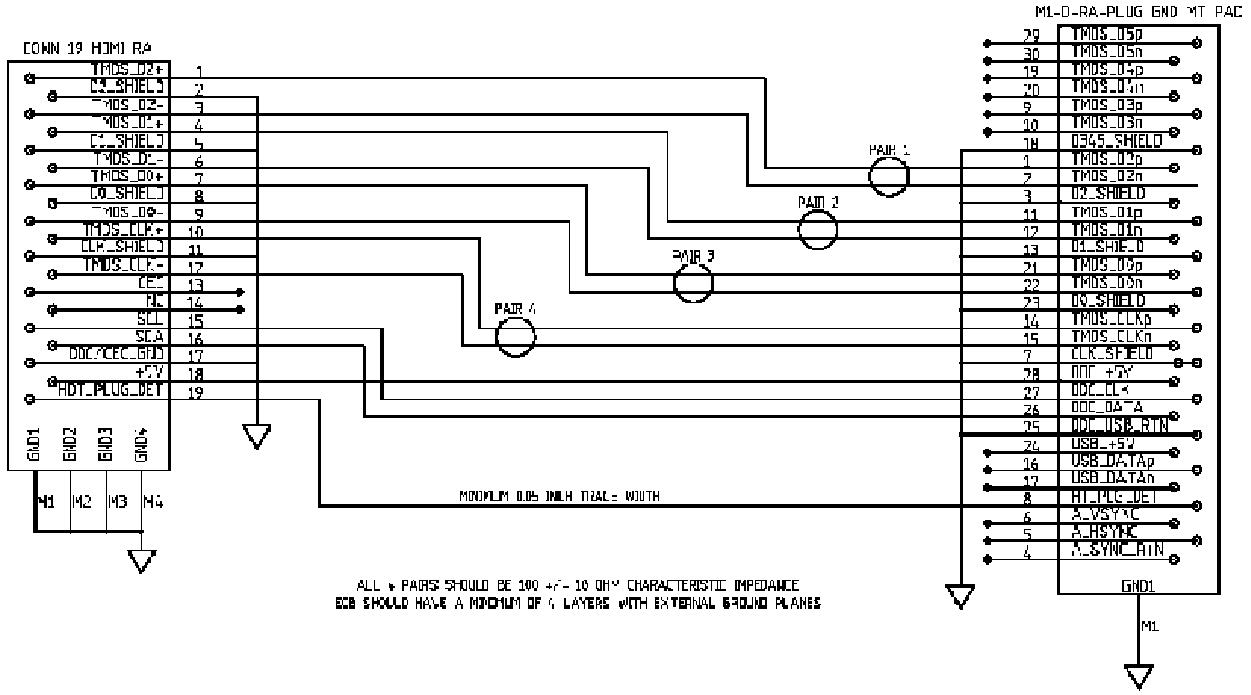
TITLE: HDMI(F) TO P&D ADAPTER

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-887645900
SHEET NO.: 1 OF 00

SIZE A4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



ENTER DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: DG2006-0164 2006/01/20	▼=0		mm / INCH	MM ONLY	---	METRIC	
DRWN: JFZHENG 2006/01/20	▽=0	4 PLACES	±--- / ±---	DRAWN BY: JFZHENG	DATE: 2005/12/27	TITLE: HDMI(F) TO P&D ADAPTER	
CH'KD:		3 PLACES	±--- / ±---	CHECKED BY: JFZHENG	DATE: 2005/12/27		
APPR: DQLUO 2006/08/28		2 PLACES	±--- / ±---	APPROVED BY: DQLUO	DATE: 2005/12/27	molex MOLEX INCORPORATED	
DESCRIPTION		1 PLACE	±--- / ±---	MATERIAL NO.: ENTER PART		DOCUMENT NO.: SD-887645900	SHEET NO.: 2 OF 2
REV: C		ANGULAR ±1/2°		SIZE: A4			

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION