勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

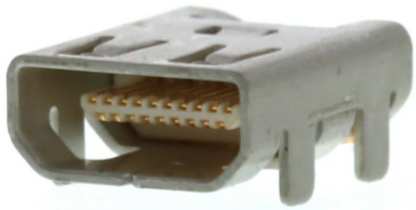
产品编号 : 467651001

Product Description : 0.40mm Pitch Micro HDMI Connector, Right-Angle Receptacle, Surface Mount, with Through Hole Shell Tabs and Pick-and-Place Polyimide Tape, 19 Circuits, Lead-Free

系列号 : 46765

状态 : Active

Product Category : I/O Connectors



文件和资源

图纸

图纸 467651001_sd.pdf

包装设计图 PK-46765-001-001.pdf

3D 模型和设计文件

3D模型 467651001_stp.zip

电气模型文件 EE-46765-001-001.pdf

规格

产品规格 PS-46765-003-001.pdf

产物环境合规

合规

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

多部分产品合规性声明

- Eu RoHS
- REACH SVHC
- Low-Halogen

多部分行业合规性文件

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

欧盟 RoHS 合格证书

产品详情

常规

状态	活动
类别	I/O Connectors
系列	46765
说明	0.40mm Pitch Micro HDMI Connector, Right-Angle Receptacle, Surface Mount, with Through Hole Shell Tabs and Pick-and-Place Polyimide Tape, 19 Circuits, Lead-Free
应用	Wire-to-Board
元件类型	Receptacle
产品系列	HDMI Connectors
产品名称	Micro HDMI
标准	HDMI 1.4
类型	D
UPC	884982008571

机构

CSA	LR19980

电气

每触点最大电流	0.8A
面板接地	是
屏蔽形式	Full Shield
屏蔽	是
电压 - 最大	30V

物理

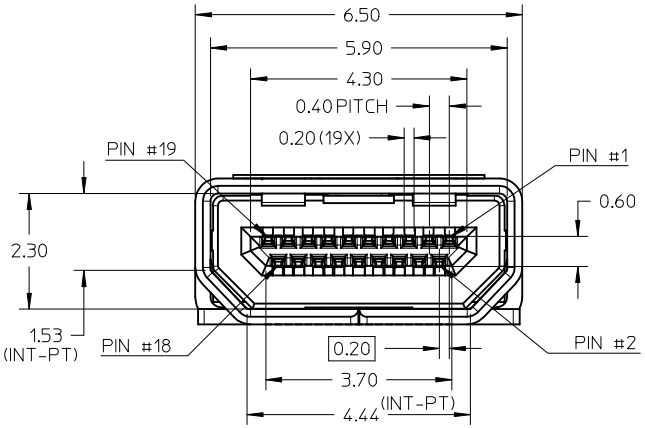
衬套颜色	不适用
回路数（已载入）	19
电路数（最多）	19
阻燃性	94V-0
性别	女
插接极性	是
锁定插接部位	是
材料 - 金属	Copper Alloy
材料 - 接合部位电镀	金牌
材料 - 终端电镀	金牌
材料 - 树脂	High Temperature Thermoplastic
安装方式	Top-Mount
净重	0.309/g
行数	2
方向	Right Angle
包装形式	Embossed Tape on Reel
面板安装式	否
PCB 保持力	是
间距 - 插配接口	0.40mm
间距 - 终端界面	0.40mm
最薄镀层 - 接合部位	0.762µm
最薄镀层 - 端接	0.051µm
有极性的插配件	是
PCB 极性	是
端口	1
终端界面类型	Surface Mount
防水/防尘	否

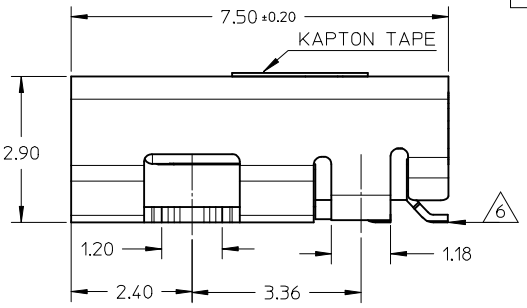
进程

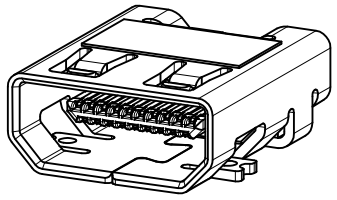
最长持续时间	10
无铅	REFLOW
最大周期	2
最高温度	260

This document was generated on Dec 28, 2023

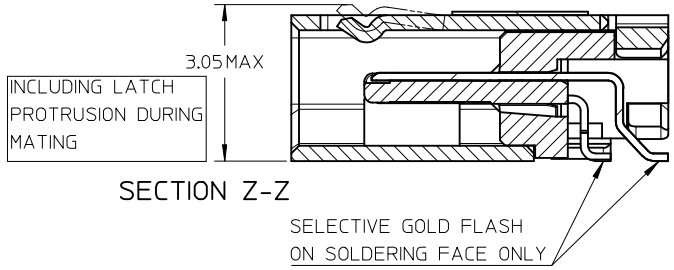
REV NO	DESCRIPTION	DATE
D1	Pg1-B2,Pg2-C3,Pg3-C2,PS-46765-003	10.Jan.2013
D	PG4/5,modify keepout zone.pg1,2,3/5 add blackhsg p/n	28.Nov.2011

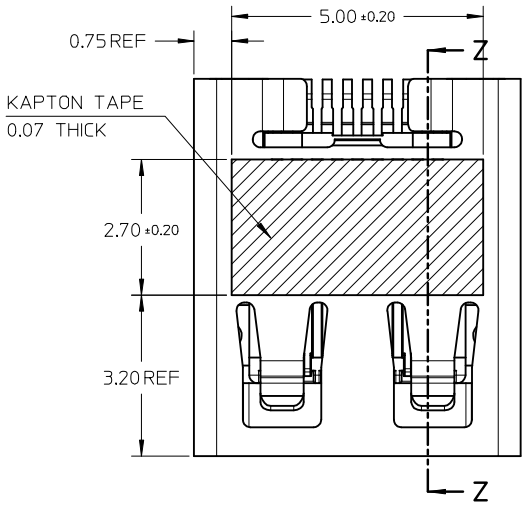


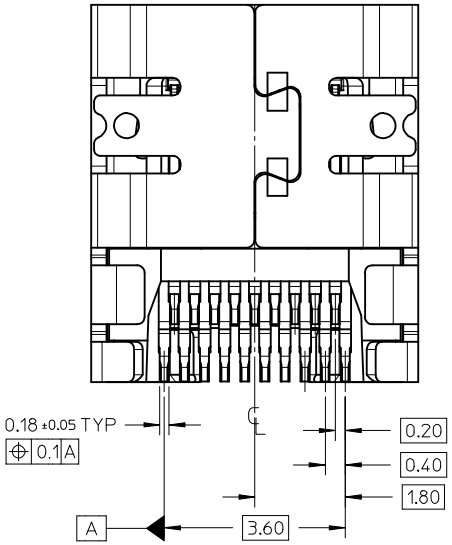




MICRO HDMI-SMT TYPE MOUNTING
ISOMETRIC VIEW







NOTES:
1. MATERIALS:
   HOUSING: LCP, 30% GLASS FILLED, UL94V-0
   TERMINALS: COPPER ALLOY
   SHIELD: STAINLESS STEEL
2. FINISHES:
   TERMINALS: GOLD ON CONTACT AREA (Refer Table),
   0.05UM MIN GOLD FLASH ON SOLDER TAILS,
   AND 2.0UM MIN NICKEL UNDERPLATE OVERALL
   SHIELD: MATTE TIN (Refer Table) OVER 1.27UM MIN NICKEL
3. PRODUCT SPECIFICATION: PS-46765-003
4. PACKAGING SPECIFICATION: PACKED IN TAPE & REEL
5. SEE SHEET 4 OF 5 FOR RECOMMENDED PCB LAYOUT
6. TERMINAL SOLDER-TAIL COPLANARITY 0.08 MAX

DESCRIPTION	Contact: 0.76μM Gold Min Shield: 3.8μM Tin Min PART NUMBER	Contact: 0.38μM Gold Min Shield: 2.0μM Tin Min PART NUMBER
SMT TYPE+KAPTON TAPE	46765-0001	46765-0301
SMT TYPE+BLACK HSG+KAPTON TAPE	--	46765-0302
SMT TYPE	46765-0011	46765-0311
SMT TYPE+BLACK HSG	--	46765-0312

RELEASED
EC NO: S2013-0441 2013/01/10
DRWN:CWANG25 2013/01/10
CHKD:JESSIECHUA 2013/01/17
APPR:SHONG
DESCRIPTION
D1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

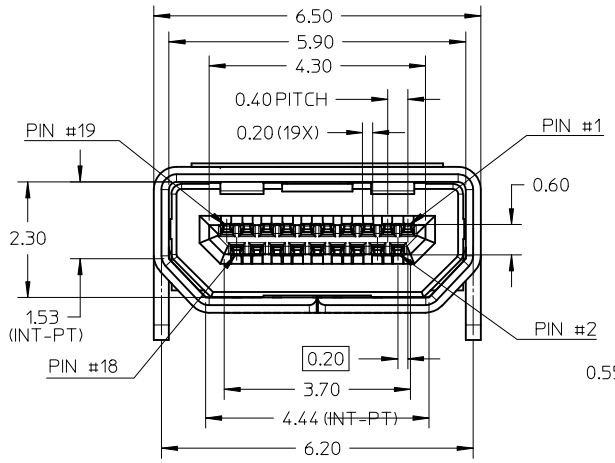
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

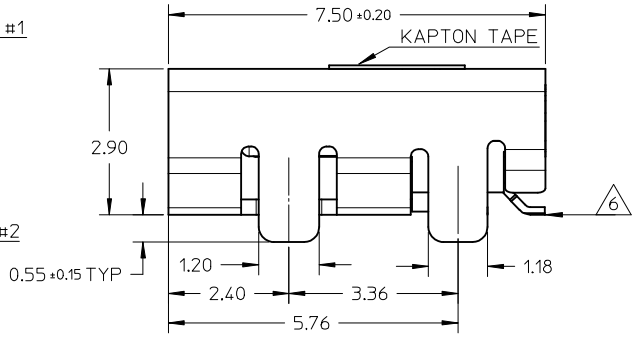
DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

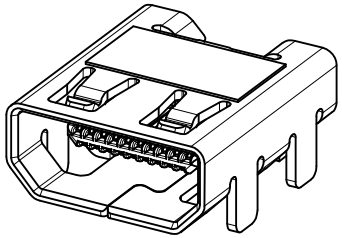
		DATE
DRAWN BY	MKAMARAU	2008/10/14
CHECKED BY	MKAMARAU	2008/10/14
APPROVED BY	NAGESHKN	2010/11/19

TITLE: MICRO HDMI, TYPE-D 0.4MM PITCH, 19CKT RECEPTACLE CONNECTOR
MOLEX INCORPORATED
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-46765-001
SHEET NO.: 1 OF 5
SIZE: A3

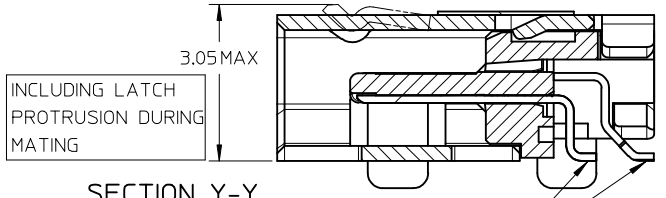
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





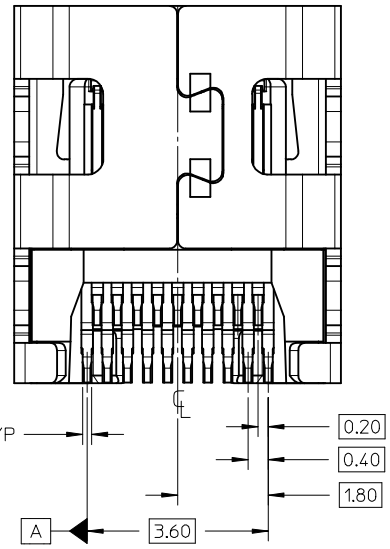


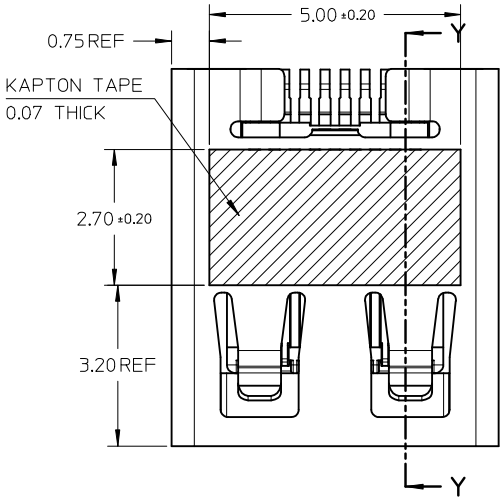
MICRO HDMI-THRU HOLE TYPE MOUNTING
ISOMETRIC VIEW



SECTION Y-Y

SELECTIVE GOLD FLASH
ON SOLDERING FACE ONLY





NOTES:
1. MATERIALS:
   HOUSING: LCP, 30% GLASS FILLED, UL94V-0
   TERMINALS: COPPER ALLOY
   SHIELD: STAINLESS STEEL
2. FINISHES:
   TERMINALS: GOLD ON CONTACT AREA (Refer Table),
   0.05UM MIN GOLD FLASH ON SOLDER TAILS,
   AND 2.0UM MIN NICKEL UNDERPLATE OVERALL
   SHIELD: MATTE TIN (Refer Table) OVER 1.27UM MIN NICKEL
3. PRODUCT SPECIFICATION: PS-46765-003
4. PACKAGING SPECIFICATION: PACKED IN TAPE & REEL
5. SEE SHEET 4 OF 5 FOR RECOMMENDED PCB LAYOUT
6. TERMINAL SOLDER-TAIL COPLANARITY 0.08 MAX

DESCRIPTION	Contact: 0.76μM Gold Min Shield: 3.8μM Tin Min PART NUMBER	Contact: 0.38μM Gold Min Shield: 2.0μM Tin Min PART NUMBER
THRU HOLE TYPE+KAPTON TAPE	46765-1001	46765-1301
THRU HOLE TYPE+BLACK HSG+KAPTON TAPE	--	46765-1302
THRU HOLE TYPE	46765-1011	46765-1311
THRU HOLE TYPE+BLACK HSG	--	46765-1312

RELEASED
EC NO: S2013-0441 2013/01/10
DRWN:GWANG25 2013/01/10
CHKD:JESSIECHUA 2013/01/17
APPR:SHONG
DESCRIPTION
D1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

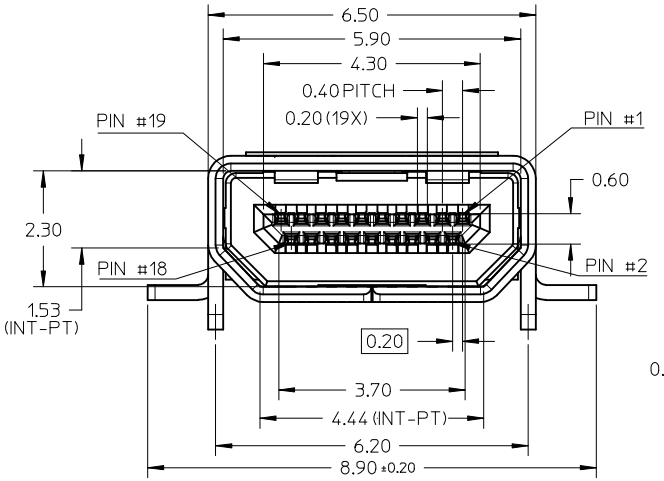
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

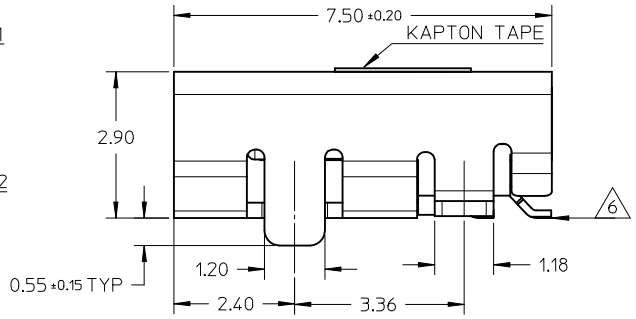
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

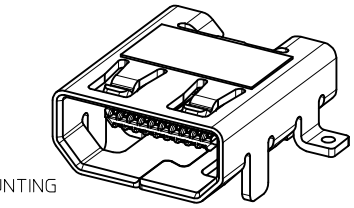
DIMENSION STYLE: MM ONLY	SCALE: NTS	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: MKAMARAU DATE: 2008/10/14	TITLE: MICRO HDMI, TYPE-D 0.4MM PITCH, 19CKT RECEPTACLE CONNECTOR		
CHECKED BY: MKAMARAU DATE: 2008/10/14			
APPROVED BY: NAGESHKN DATE: 2010/11/19	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-46765-001	SHEET NO.: 2 OF 5	

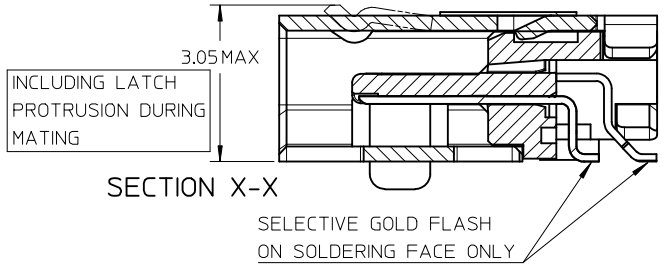
SIZE A3

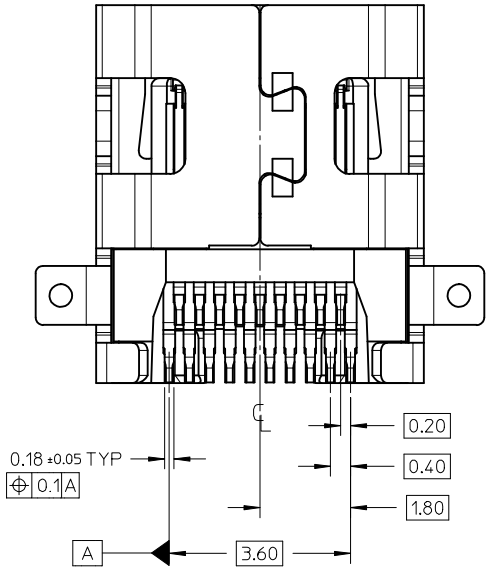
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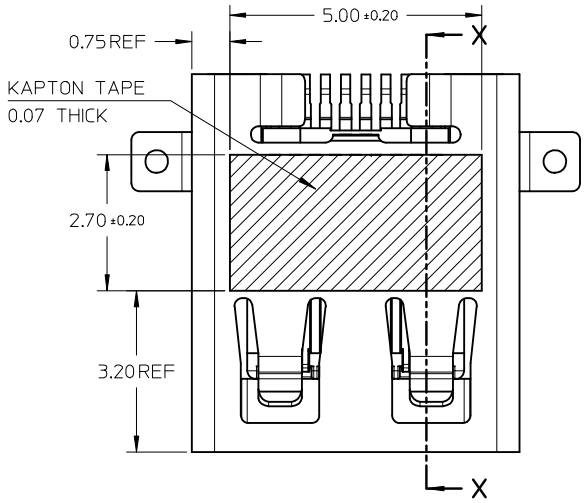












NOTES:
1. MATERIALS:
   HOUSING: LCP, 30% GLASS FILLED, UL94V-0
   TERMINALS: COPPER ALLOY
   SHIELD: STAINLESS STEEL
2. FINISHES:
   TERMINALS: GOLD ON CONTACT AREA (Refer Table),
   0.05UM MIN GOLD FLASH ON SOLDER TAILS,
   AND 2.0UM MIN NICKEL UNDERPLATE OVERALL
   SHIELD: MATTE TIN (Refer Table) OVER 1.27UM MIN NICKEL
3. PRODUCT SPECIFICATION: PS-46765-003
4. PACKAGING SPECIFICATION: PACKED IN TAPE & REEL
5. SEE SHEET 4 OF 5 FOR RECOMMENDED PCB LAYOUT
6. TERMINAL SOLDER-TAIL COPLANARITY 0.08 MAX

DESCRIPTION	Contact: 0.76μM Gold Min Shield: 3.8μM Tin Min PART NUMBER	Contact: 0.38μM Gold Min Shield: 2.0μM Tin Min PART NUMBER
HYBRID TYPE+KAPTON TAPE	46765-2001	46765-2301
HYBRID TYPE+BLACK HOUSING+KAPTON TAPE	46765-2021	46765-2302
HYBRID TYPE	46765-2011	46765-2311
HYBRID TYPE+BLACK HSG	--	46765-2312

RELEASED
EC NO: S2013-0441 2013/01/10
DRWN: CWANG25 2013/01/10
CH'KD: JESSIECHUA 2013/01/17
APPR: SHONG
DESCRIPTION
REV
D1

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY	MKAMARAU
DATE	2008/10/14
CHECKED BY	MKAMARAU
DATE	2008/10/14
APPROVED BY	NAGESHKN
DATE	2010/11/19
MATERIAL NO.	SEE TABLE

TITLE
MICRO HDMI, TYPE-D
0.4MM PITCH, 19CKT
RECEPTACLE CONNECTOR

MOLEX INCORPORATED

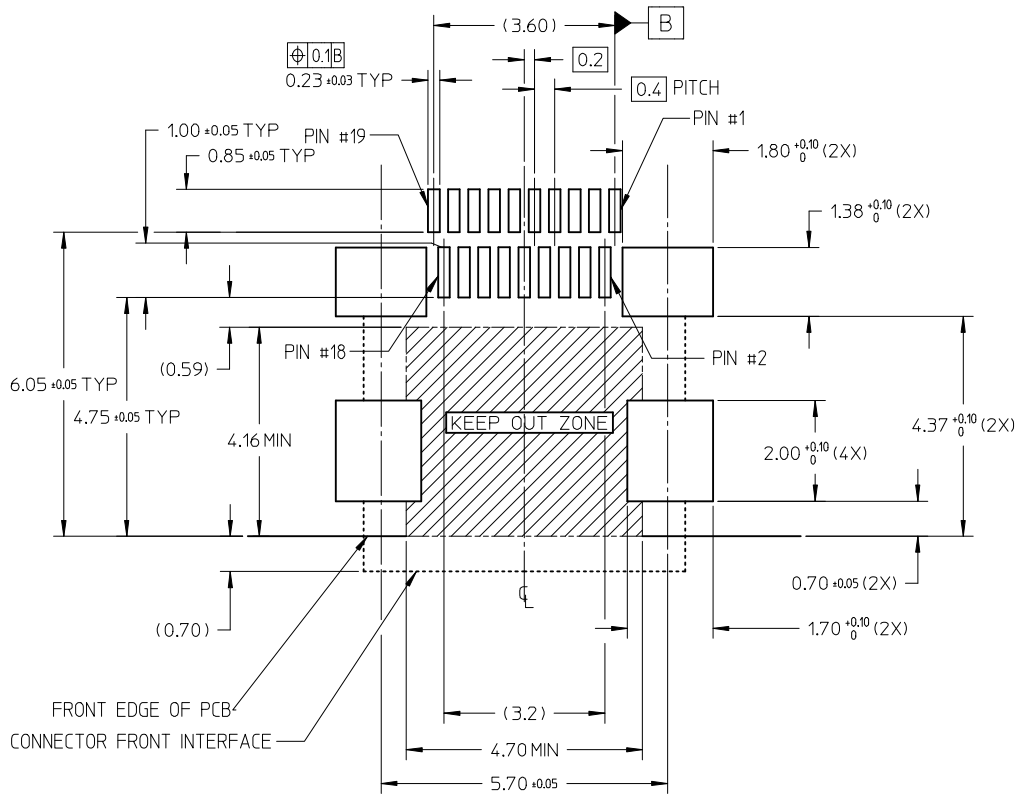
DOCUMENT NO. SD-46765-001
SHEET NO. 3 OF 5

SIZE A3

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

PIN	SIGNAL ASSIGNMENT
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SCL
18	SDA
19	+5V Power

CONNECTION	SIGNALS
	TYPE D CONNECTOR
FIRST MAKE	CONNECTOR SHELL
SECOND MAKE	PINS 1 - 18
THIRD MAKE	PIN 19 (+5V POWER)



RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF BOARD
SHEET 1 OF 5

RELEASED
EC NO: S2013-0441 2013/01/10
DRWN:CWANG25 2013/01/10
CH'KD:JESSIECHUA 2013/01/17
APPR:SHONG
DESCRIPTION
REV
D1

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

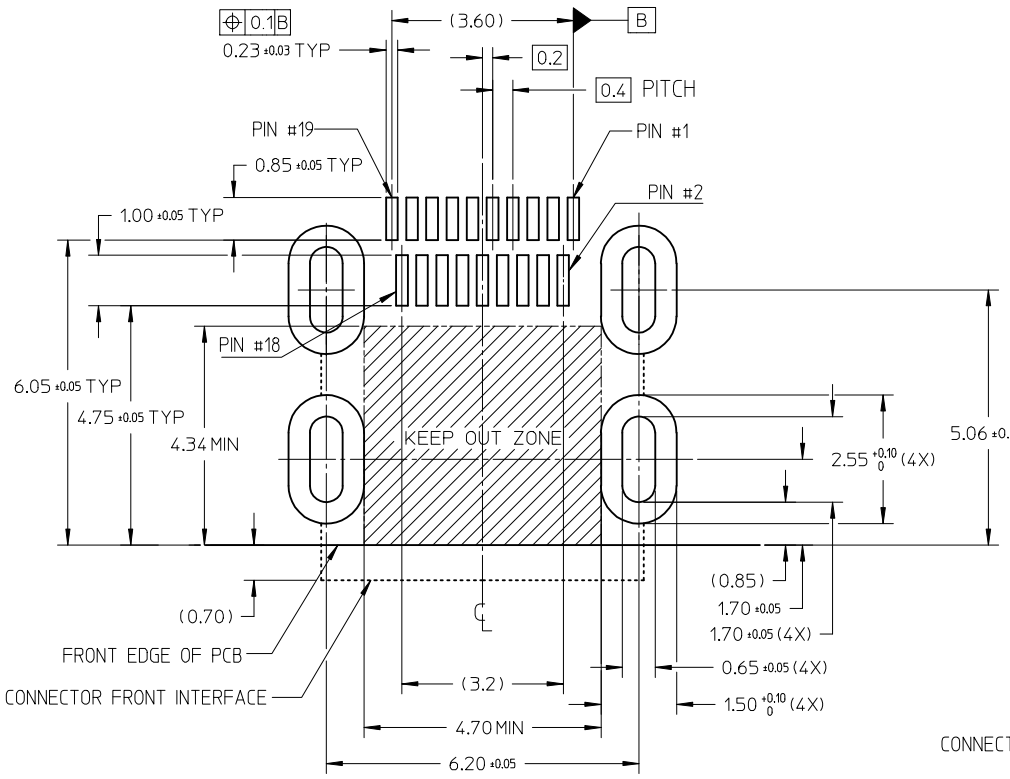
DRAWN BY: MKAMARAU DATE: 2008/10/14
CHECKED BY: MKAMARAU DATE: 2008/10/14
APPROVED BY: NAGESHKN DATE: 2010/11/19

TITLE
MICRO HDMI, TYPE-D
0.4MM PITCH, 19CKT
RECEPTACLE CONNECTOR

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-46765-001
SHEET NO.: 4 OF 5
SIZE: A3

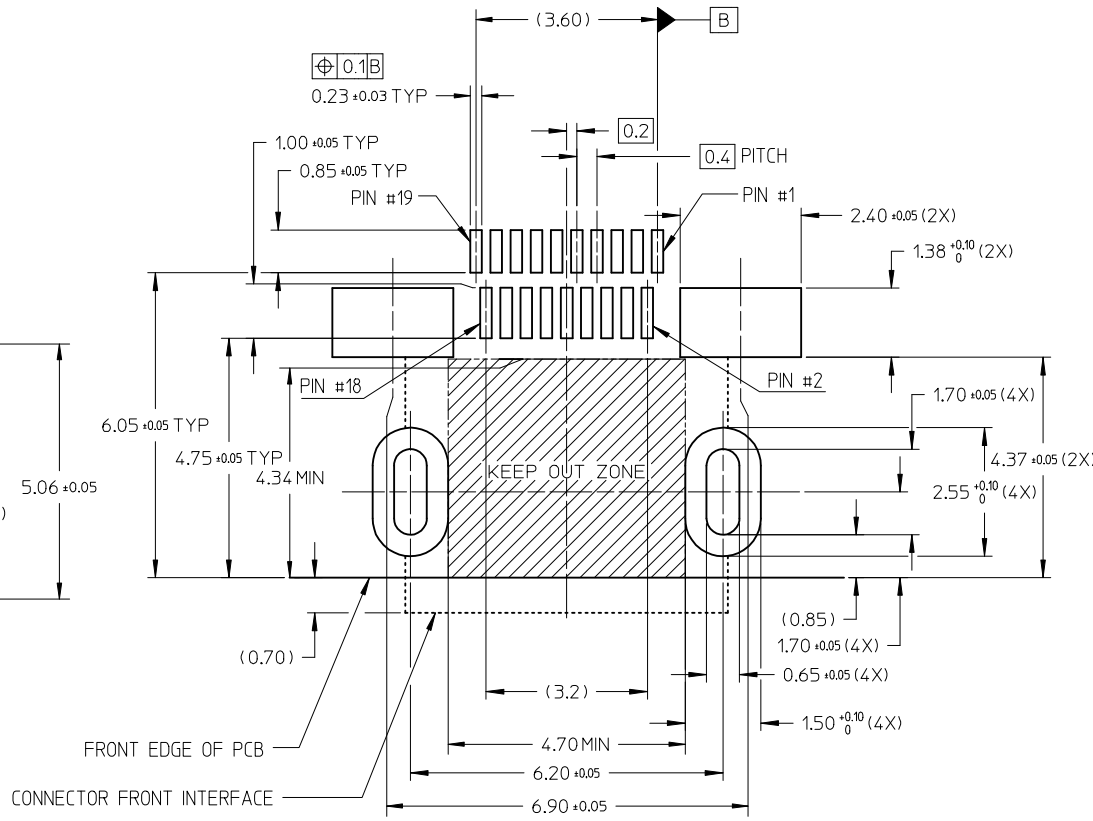
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RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF BOARD

SHEET 2 OF 5



RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF BOARD

SHEET 3 OF 5

RELEASED
EC NO: S2013-0441 2013/01/10
DRWN:CWANG25 2013/01/10
CH'KD:JESSIECHUA 2013/01/17
APPR:SHONG
DESCRIPTION
REV
D1

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
MM ONLY	NTS	METRIC

THIRD ANGLE PROJECTION

DRAWN BY MKAMARAU	DATE 2008/10/14
CHECKED BY MKAMARAU	DATE 2008/10/14
APPROVED BY NAGESHKN	DATE 2010/11/19

TITLE
MICRO HDMI, TYPE-D
0.4MM PITCH, 19CKT
RECEPTACLE CONNECTOR

molex MOLEX INCORPORATED

MATERIAL NO. SEE TABLE

DOCUMENT NO. SD-46765-001

SHEET NO. 5 OF 5

SIZE A3

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