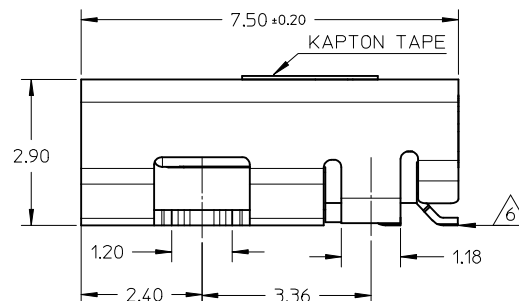
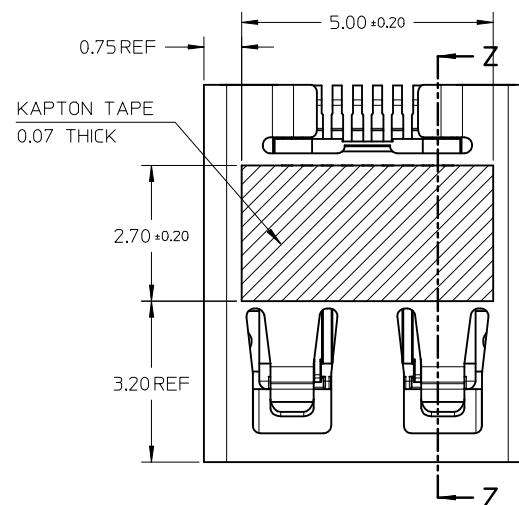




MICRO HDMI-SMT TYPE MOUNTING
ISOMETRIC VIEW



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



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

QUALITY SYMBOLS	
	=0
	=0

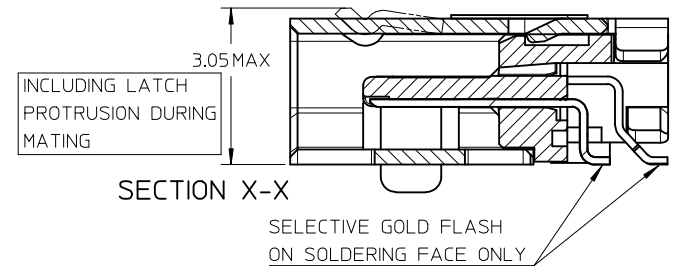
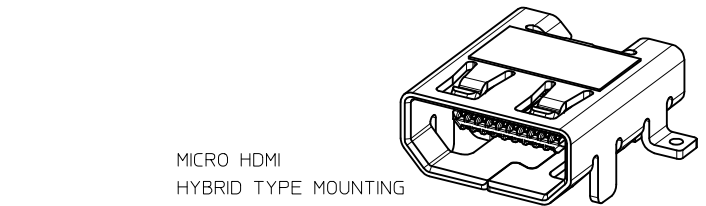
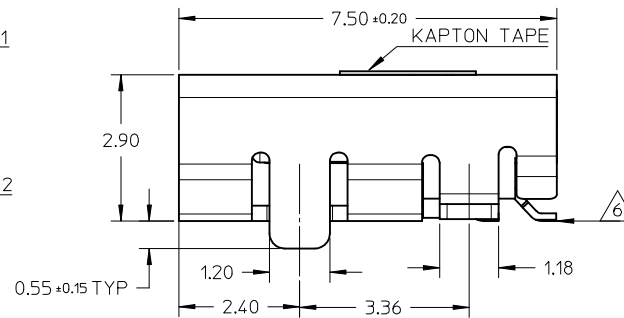
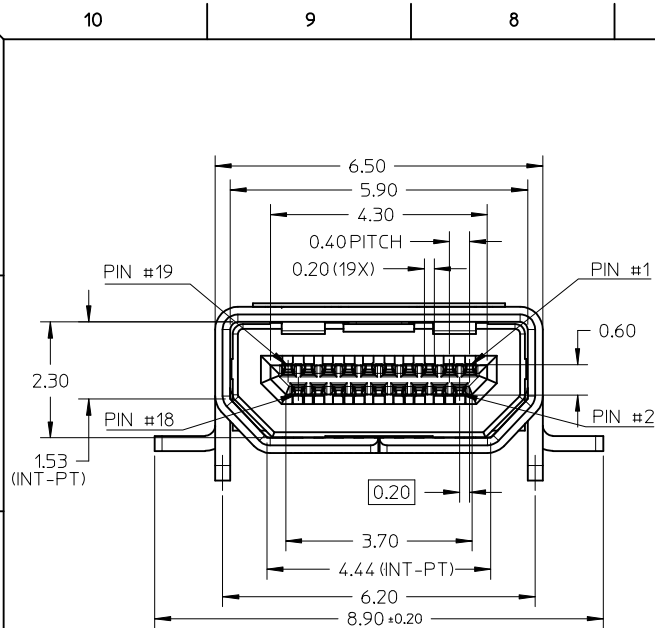
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± ---	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
MKAMARAU	2008/10/14
CHECKED BY	DATE
MKAMARAU	2008/10/14
APPROVED BY	DATE
NAGESHK N	2010/11/19
MATERIAL NO.	
SEE TABLE	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE		
MICRO HDMI, TYPE-D 0.4MM PITCH, 19CKT RECEPTACLE CONNECTOR		
	MOLEX INCORPORATED	
DOCUMENT NO.	SD-46765-001	SHEET NO. 1 OF 5

TRADES INFORMATION THAT IS PROPRIETARY TO MOLEX
SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION





NOTES:

1. MATERIALS:

HOUSING: LCP, 30% GLASS FILLED, UL94V-0
TERMINALS: COPPER ALLOY
SHIELD: STAINLESS STEEL

2. FINISHES:

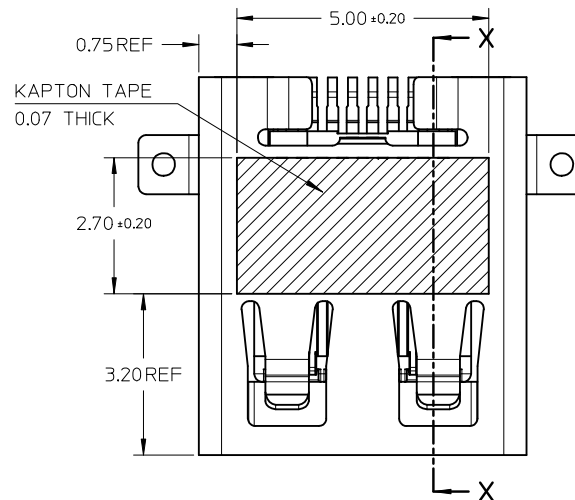
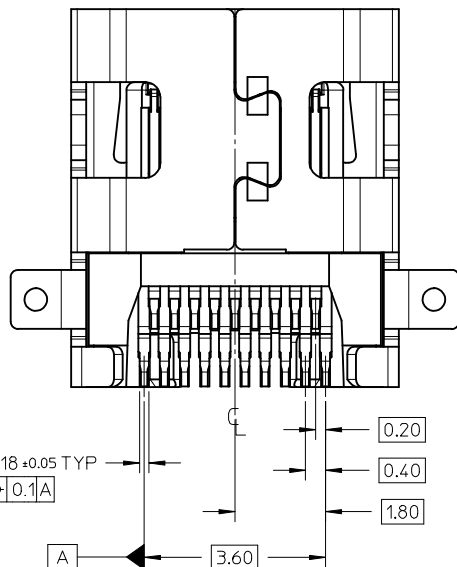
TERMINALS: GOLD ON CONTACT AREA (Refer Table),
0.05UM MIN GOLD FLASH ON SOLDER TAILS,
AND 2.0UM MIN NICKEL UNDERPLATE OVERALL
SHIELD: MATTE TIN (Refer Table) OVER 1.27UM MIN NICKEL

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: 0.764M Gold Min Shield: 3.81M Tin Min PART NUMBER	Contact: 0.381M Gold Min Shield: 2.01M 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
DRWN: CWANG25
CHKD: JESSIECHUA
APPR: SHONG
2013/01/10
2013/01/10
2013/01/17

QUALITY
SYMBOLS
▽=0
C=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

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

SEE TABLE

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

SCALE NTS

TITLE

DESIGN UNITS METRIC

THIRD ANGLE
PROJECTION

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



MOLEX INCORPORATED

DOCUMENT NO.

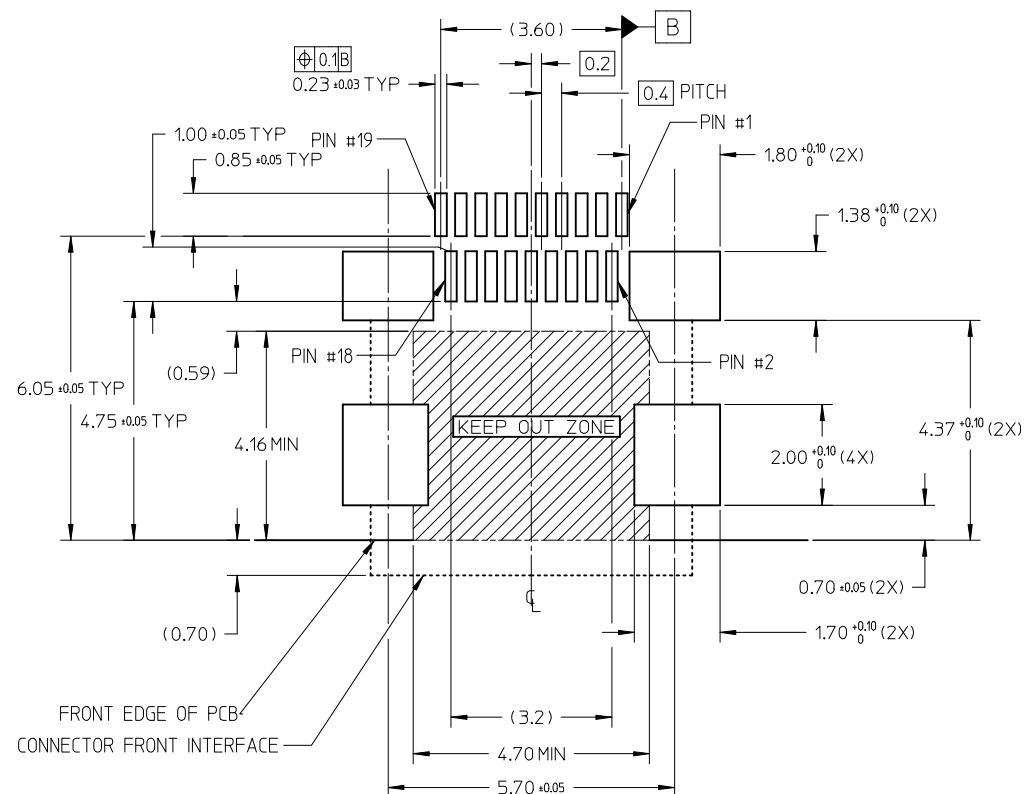
SD-46765-001

SHEET NO.

3 OF 5

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

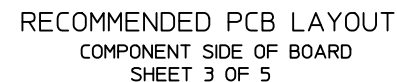
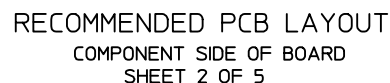
CONNECTION	SIGNALS
	TYPE D CONNECTOR
FIRST MAKE	CONNECTOR SHELL
SECOND MAKE	PINS 1 - 18
THIRD MAKE	PIN 19 (+5V POWER)



RECOMMENDED PCB LAYOUT

COMPONENT SIDE OF BOARD
SHEET 1 OF 5

RELEASED EC NO: S2013-0441 DRWN: CWANG25 CHKD: JESSIECHUA APPR: SHONG	2013/01/10 2013/01/10 2013/01/17	DESCRIPTION D1	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
							DRAWN BY DATE		TITLE MICRO HDMI, TYPE-D 0.4MM PITCH, 19CKT RECEPTACLE CONNECTOR				
					4 PLACES ± --- ± ---		MKAMARAU 2008/10/14						
					3 PLACES ± --- ± ---		CHECKED BY DATE						
					2 PLACES ± 0.1 ± ---		MKAMARAU 2008/10/14		MOLEX INCORPORATED				
					1 PLACE ± --- ± ---		APPROVED BY DATE						
					ANGULAR ± 2 °		NAGESHKN 2010/11/19		DOCUMENT NO.		SHEET NO.		
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-46765-001		4 OF 5		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



RELEASED EC NO: S2013-0441 DRWN: CWANG25 2013/01/10 CHK'D: JESSIECHUA 2013/01/10 APPR: SHONG 2013/01/17	DESCRIPTION D1	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY MKAMARAU	DATE 2008/10/14	TITLE MICRO HDMI, TYPE-D 0.4MM PITCH, 19CKT RECEPTACLE CONNECTOR				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---							
			2 PLACES	± 0.1	± ---	MKAMARAU	2008/10/14	MOLEX INCORPORATED				
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
			ANGULAR ± 2 °		NAGESHKN		2010/11/19	molex				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-46765-001			SHEET NO. 5 OF 5				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									