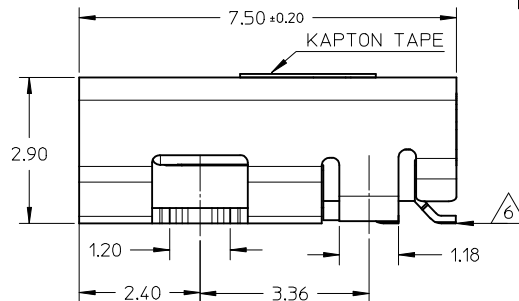
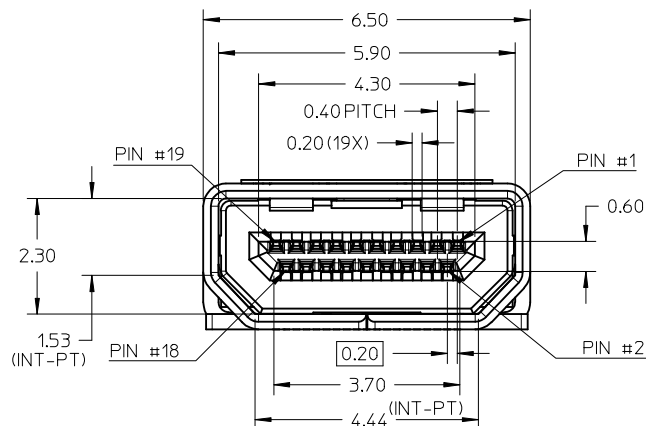
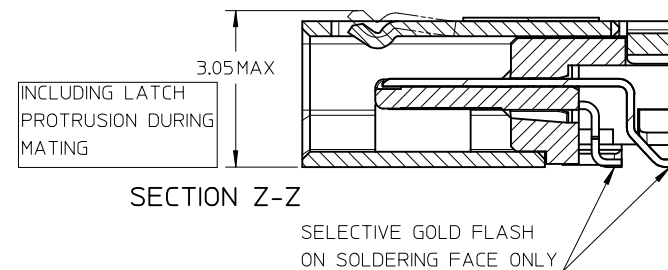
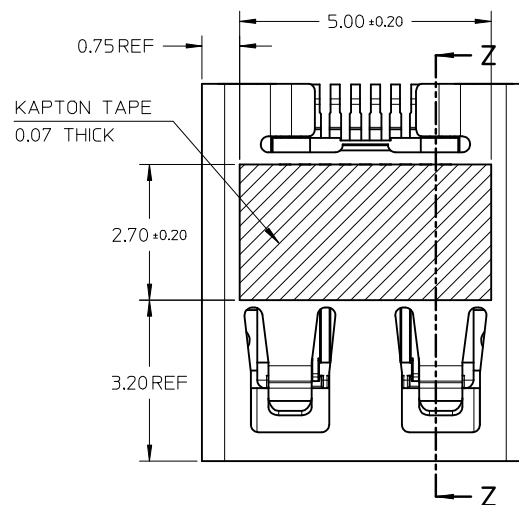


MICRO HDMI-SMT TYPE MOUNTING
ISOMETRIC VIEW



SECTION Z-Z

NOTES:

1. MATERIALS:

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

2. FINISHES:

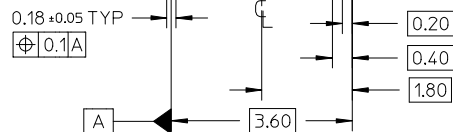
TERMINALS: GOLD ON CONTACT AREA (Refer Table),
0.05UM MIN GOLD FLASH ON SOLDER TAILS,
AND 2.0UM MIN NICKEL UNDERPLATE OVERALL
SHIELD: MATTE TIN (Refer Table) OVER 1.27UM MIN NICKEL

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

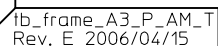
RELEASED
EC NO: S2013-0441
2013/01/10
DRWN: CWANG25
CHKD: JESSIECHUA
APPR: SHONG
2013/01/17

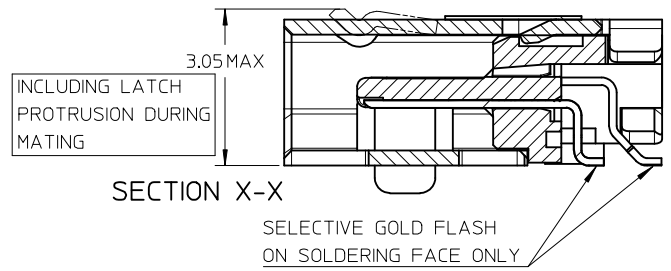
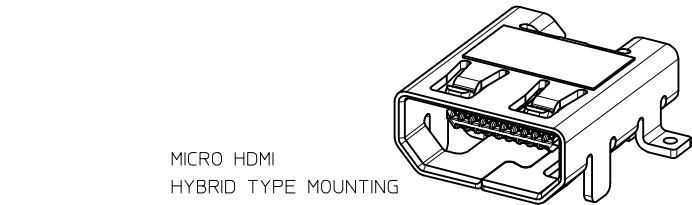
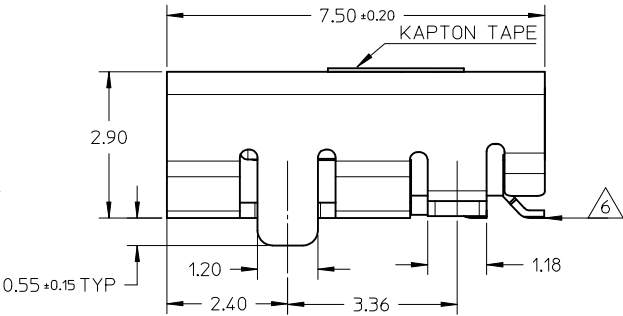
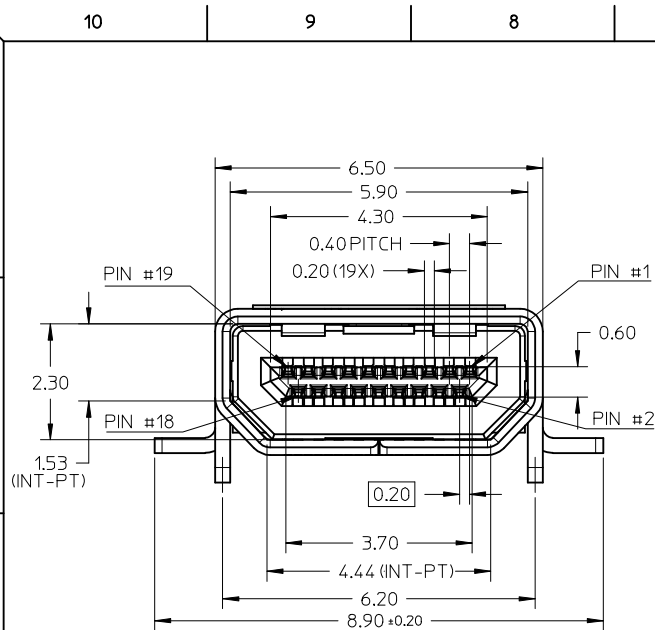
QUALITY
SYMBOLS
=0
=0

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		

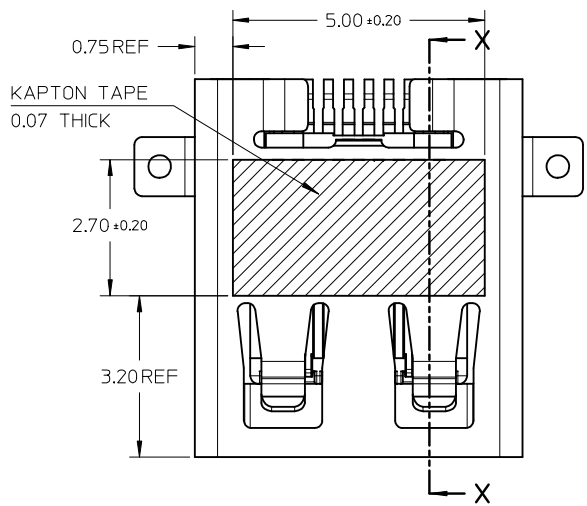
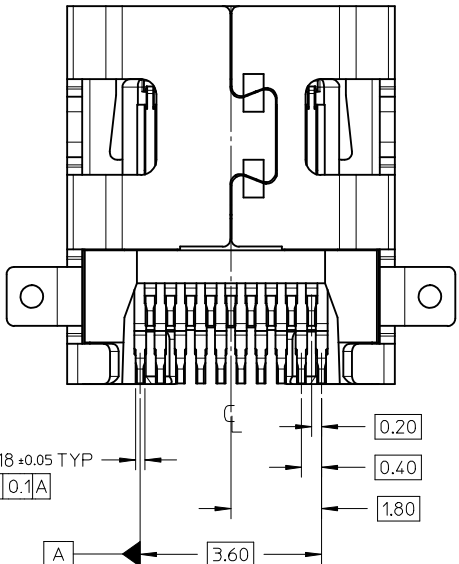
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
DATE	TITLE
CHECKED BY	DATE
DATE	DATE
APPROVED BY	DATE
DATE	DATE
MATERIAL NO.	DATE
SEE TABLE	DATE

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





- 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

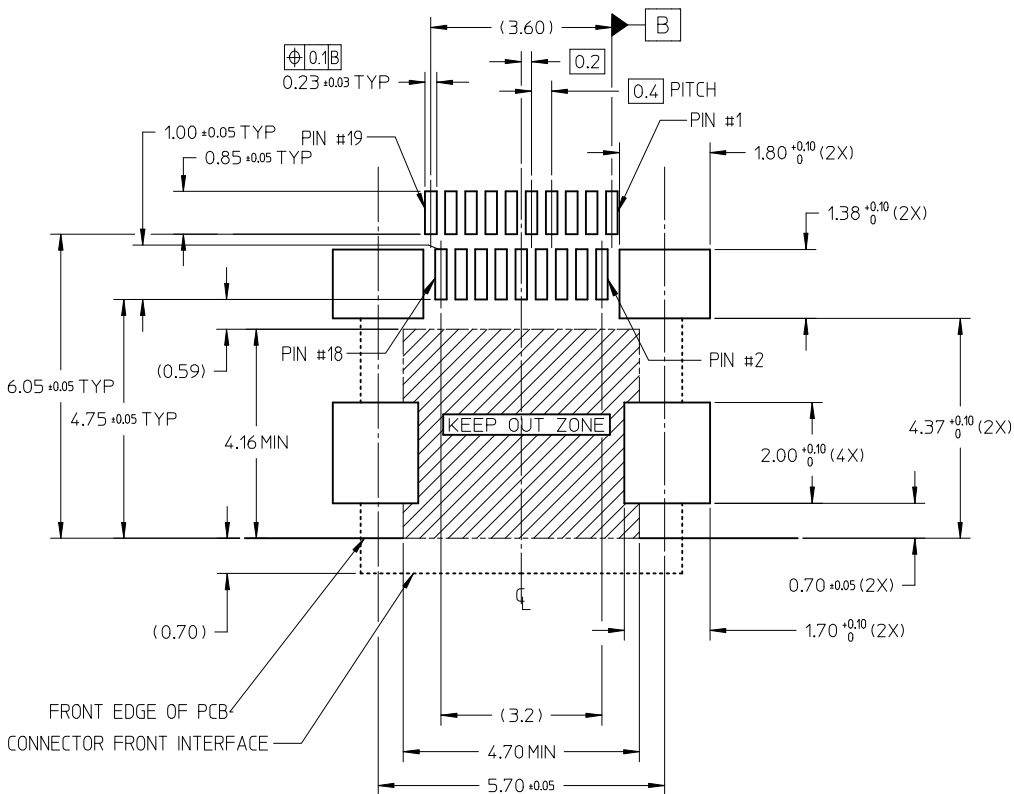


DESCRIPTION	Contact: 0.76MM Gold Min Shield: 3.8MM Tin Min PART NUMBER	Contact: 0.38MM Gold Min Shield: 2.0MM Tin Min PART NUMBER
HYBRID TYPE+KAPTON TAPE	46765-2001	46765-2301
HYBRID TYPE+BLACK HOUSING+KAPTON TAPE	46765-2021	46765-2302
HYBRID TYPE	46765-2011	46765-2311
HYBRID TYPE+BLACK HSG	--	46765-2312

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

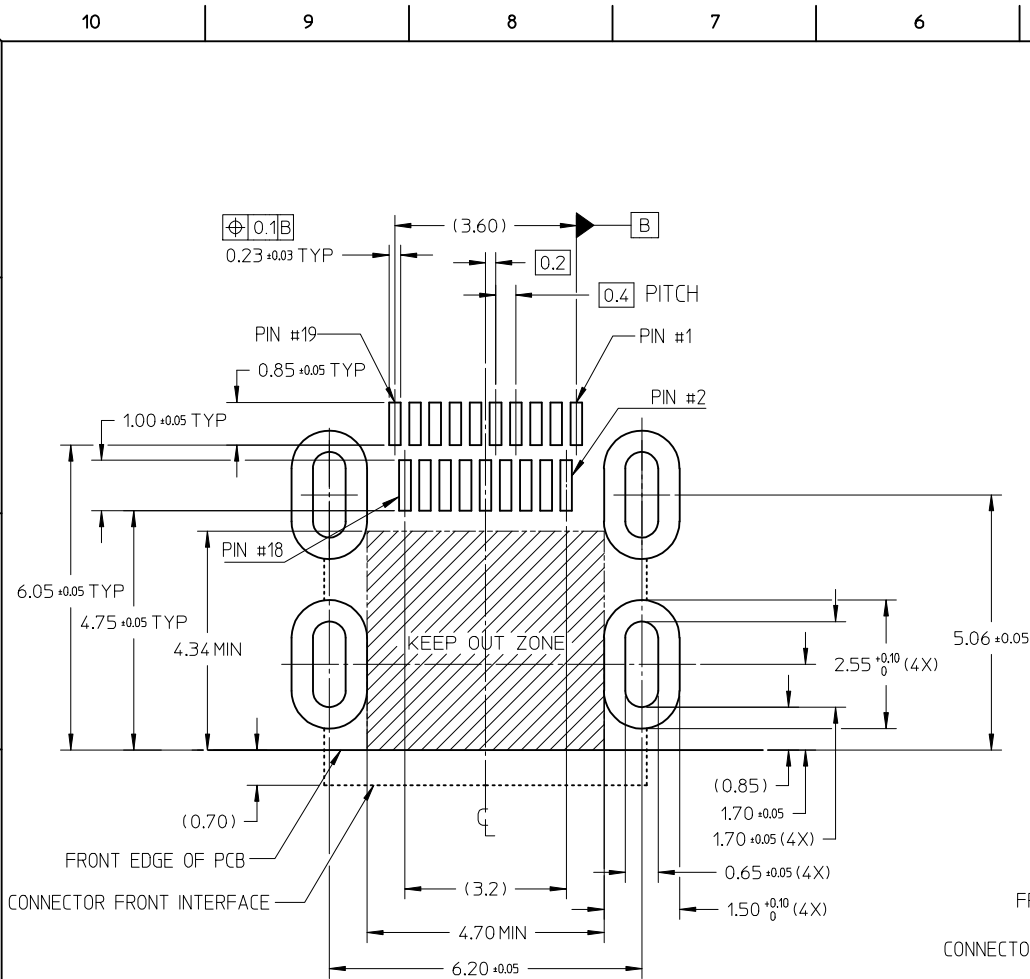
PIN	SIGNAL ASSIGNMENT
1	Hot Plug Detect
2	Utility
3	TMDS Data2+
4	TMDS Data2 Shield
5	TMDS Data2-
6	TMDS Data1+
7	TMDS Data1 Shield
8	TMDS Data1-
9	TMDS Data0+
10	TMDS Data0 Shield
11	TMDS Data0-
12	TMDS Clock+
13	TMDS Clock Shield
14	TMDS Clock-
15	CEC
16	DDC/CEC Ground
17	SCL
18	SDA
19	+5V Power

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

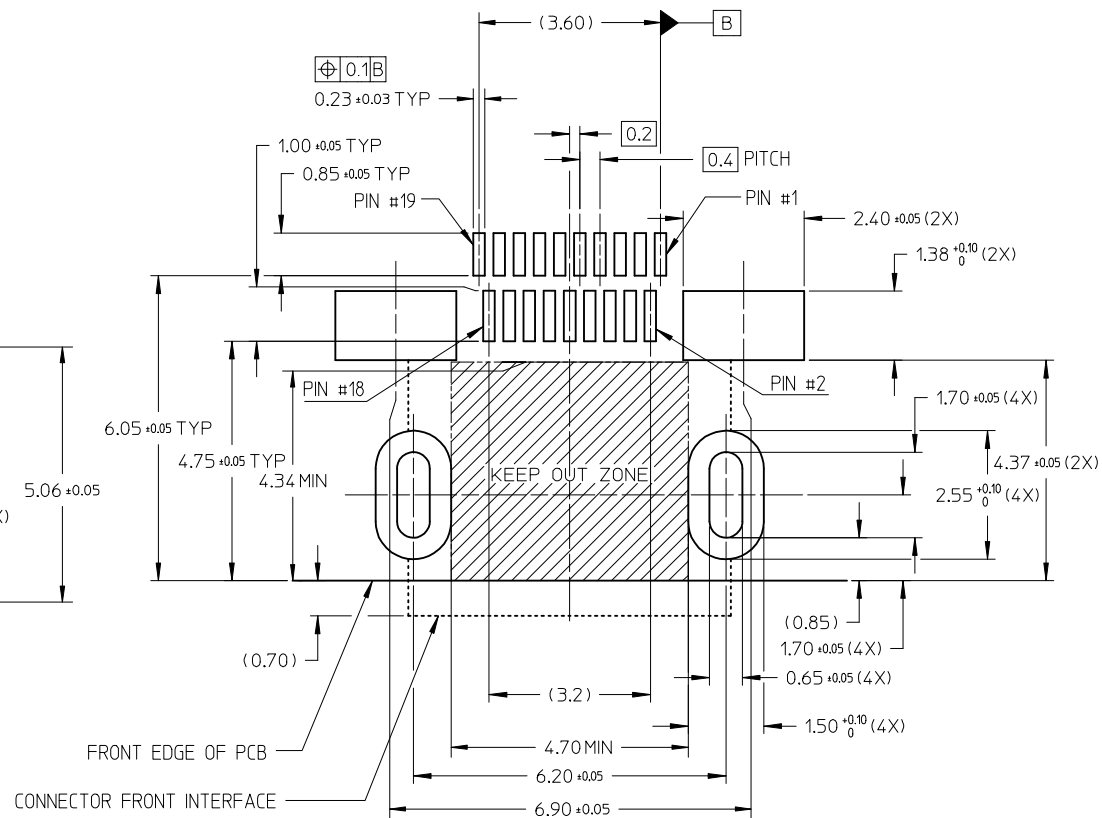


RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SHEET 1 OF 5

RELEASED EC NO: S2013-0441 DRWN: CWANG25 CHKD: JESSIECHUA APPR: SHONG	DESCRIPTION D1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		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				
			ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-46765-001			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



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 DRWN: CWANG25 CHKD: JESSIECHUA APPR: SHONG 2013/01/10 2013/01/10 2013/01/17	DESCRIPTION	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	± ---	± ---	MKAMARAU	2008/10/14	MOLEX INCORPORATED								
			2 PLACES	± 0.1	± ---	APPROVED BY	DATE									
			1 PLACE	± ---	± ---	NAGESHKN	2010/11/19						DOCUMENT NO. SD-46765-001			
			ANGULAR ± 2 °		MATERIAL NO.		SHEET NO. 5 OF 5									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE											
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									