



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

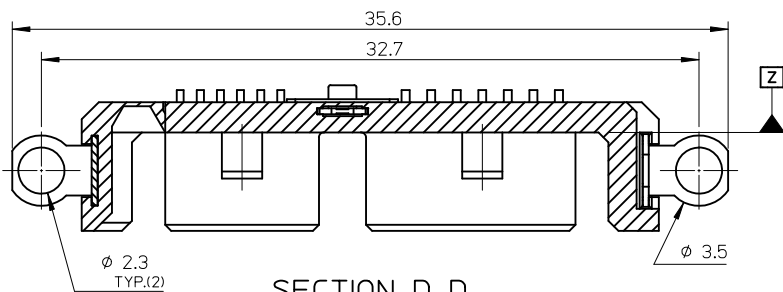
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

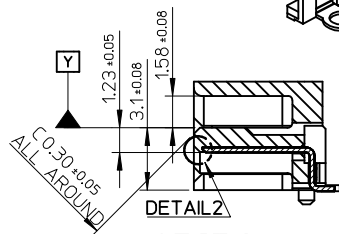
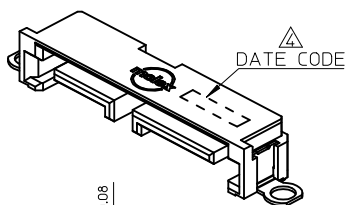
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



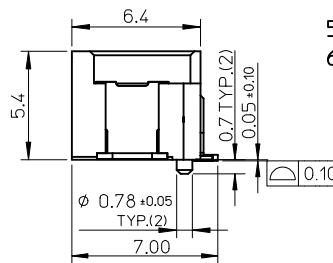
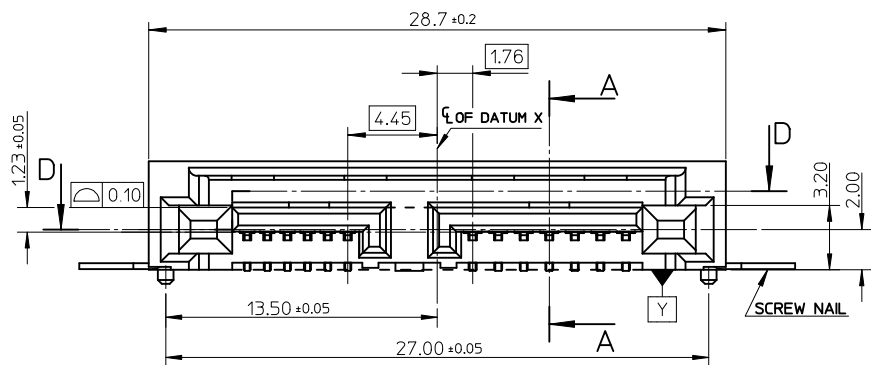
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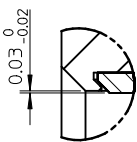
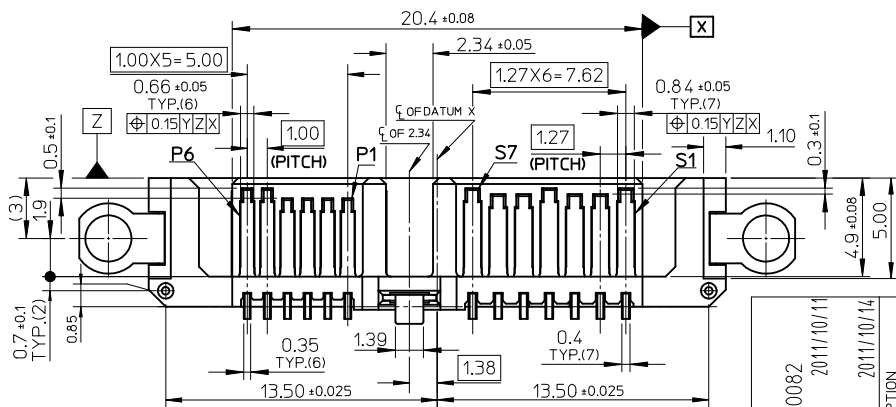
SECTION D-D



SECTION A-A



DETAIL2



DETAIL2

NOTES :

1.MATERIAL :

HOUSING : HIGH TEMPERATURE THERMOPLASTIC,
30% G.F., UL94V-0, BLACK
TERMINAL : COPPER ALLOY, THICKNESS=0.25 MM
SCREW NAIL : STAINLESS, THICKNESS=0.30 MM
SOLDERING NAIL : COPPER ALLOY, THICKNESS=0.30 MM

2.PLATING :

TERMINAL :
CONTACT AREA : SEE CHART.
SOLDERING AREA : MATTE TIN PLATING 1.0 MICRONS MIN.
UNDERPLATING : NICKEL PLATING 2.5 MICRONS MIN.
SOLDERING NAIL : MATTE TIN PLATING 1.0 MICRONS MIN.
OVER NICKEL PLATING 1.0 MICRONS MIN.

3.PRODUCT SPECIFICATION: PS-47300-001.

4.DATE CODE FORMAT: YY/MM/DD/XX/S, 'XX' IS USED TO MARK
TERMINAL GOLD PLATING SPEC,
'05' IS FOR FLSH, '15' IS FOR 15u", '30' IS FOR 30u".
'S' IS A SPECIAL LETTER FOR FACTORY TO TRACK.

5.PRODUCT PACKAGE SPEC: PK-47300-001.

6.THE PRODUCT COMPLIANT TO RoSH DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC.

P/N	CONTACT PLATING	NAIL
47300-1000	GOLD FLASH	STAINLESS STEEL, NO PLATING
47300-1002	GOLD 0.38 MICRONS MIN	
47300-1004	GOLD 0.76 MICRONS MIN	
47300-1001	GOLD FLASH	PHOSPHOR BRONZE, MATTE TIN PLATING
47300-1003	GOLD 0.38 MICRONS MIN	
47300-1005	GOLD 0.76 MICRONS MIN	

ES	DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
CH	DRAWN BY DATE		TITLE SLIMLINE SATA PLUG FOR OPTIC DISK DIVER SCREW STANDARD TYPE		
-	GILL 2011/10/11				
-	CHECKED BY DATE		MOLEX INCORPORATED		
-	APPROVED BY DATE				
-	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
ABLE	SEE TABLE		SD-47300-100		1 OF 7
SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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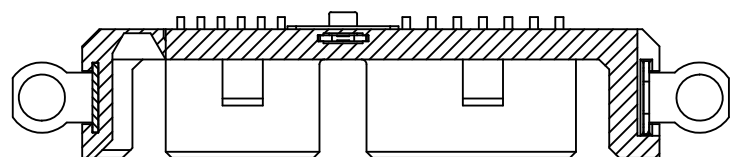
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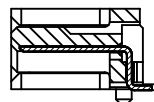
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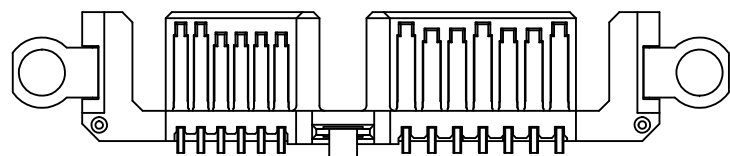
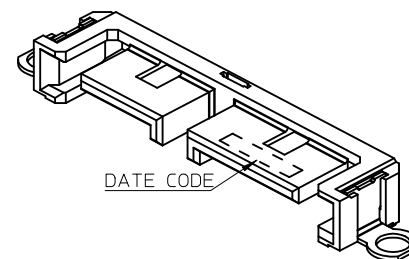
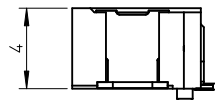
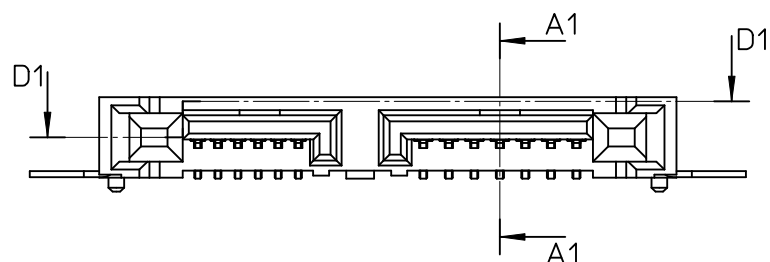


SECTION D1-D1



SECTION A1-A1

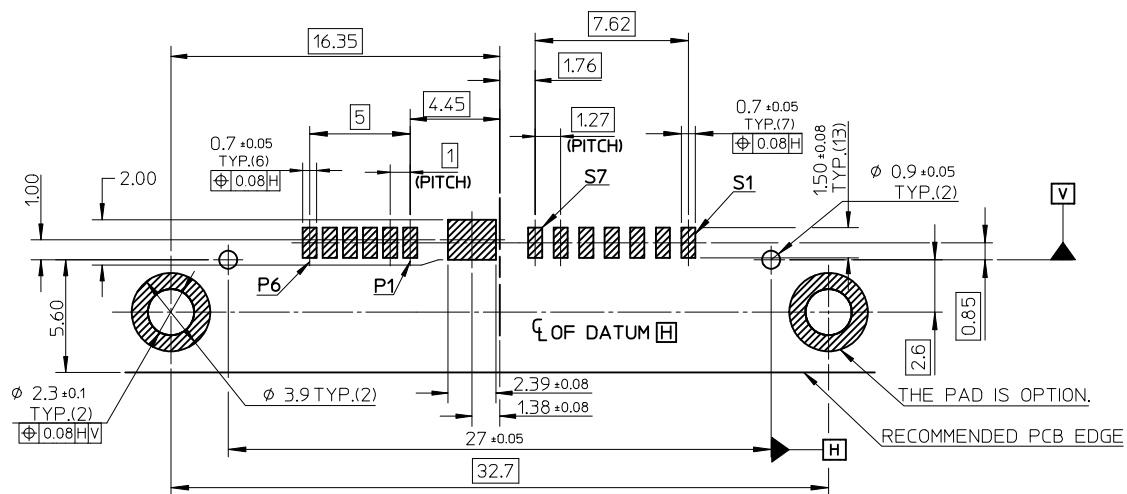
NOTES : OTHER DIMENSIONS AND NOTES
REFER TO SHEET-1.



P/N	CONTACT PLATING	NAIL
47300-1014	GOLD FLASH	STAINLESS STEEL, NO PLATING
47300-1012	GOLD 0.38 MICRONS MIN	
47300-1010	GOLD 0.76 MICRONS MIN	
47300-1015	GOLD FLASH	PHOSPHOR BRONZE, MATTE TIN PLATING
47300-1013	GOLD 0.38 MICRONS MIN	
47300-1011	GOLD 0.76 MICRONS MIN	

REVISED EC NO: SH2012-0082 2011/10/11 DRW: GLL1 CHKD: APPR: X.J.SONG 2011/10/14	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY GLL1	DATE 2011/10/11	TITLE SLIMLINE SATA PLUG FOR OPTIC DISK DIVER SCREW LOW TYPE				
			4 PLACES	± ---	± ---	CHECKED BY	DATE					
			3 PLACES	± ---	± ---	APPROVED BY		DATE		MOLEX MOLEX INCORPORATED		
			2 PLACES	± ---	± ---							
			1 PLACE	± ---	± ---							
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-47300-100		2 OF 7			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT(CONNECTOR SIDE)

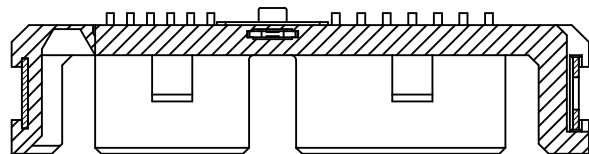
THICKNESS=0.8MM

REMARK:

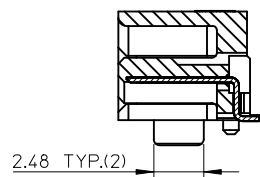
THE PCB LAYOUT IS ONLY FOR 47300-100X, 47300-101X.

REVISED	EC NO: SH2012-0082	2011/10/11	DRWNG:GLLI	CHKD:	APPR:XJ.SONG	2011/10/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
												MM ONLY		4:1	METRIC		
									 A=0		mm	INCH	DRAWN BY	DATE	TITLE	SLIMLINE SATA PLUG FOR OPTIC DISK DIVER SCREW TYPE	
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										2 PLACES	± ---	± ---	APPROVED BY	DATE			
									1 PLACE	± ---	± ---	 MOLEX INCORPORATED					
									ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE REMARK		SD-47300-100		3 OF 7	
												THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

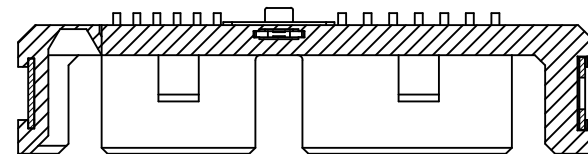
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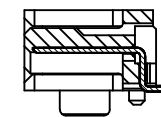
SECTION D-D



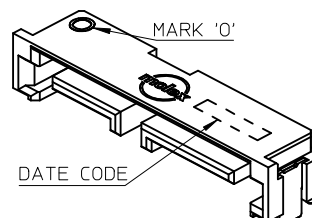
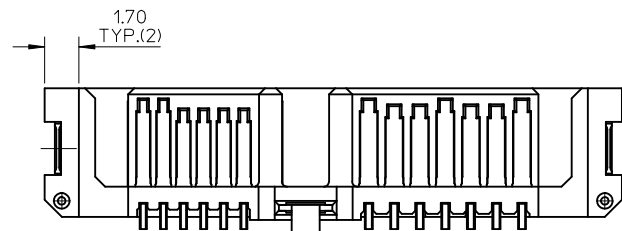
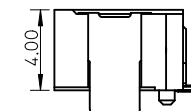
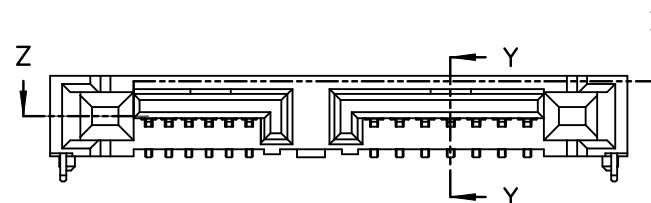
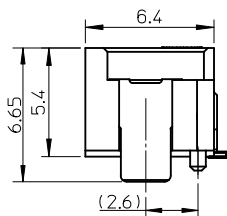
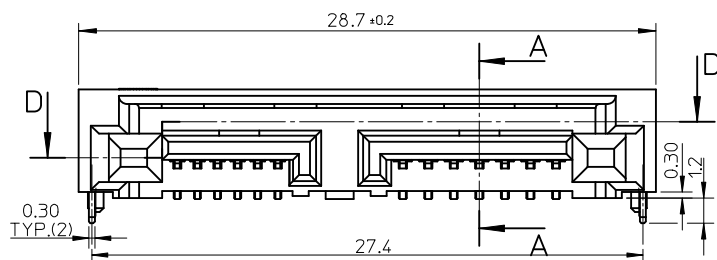
SECTION A-A



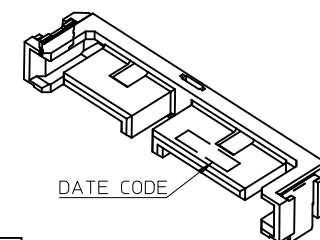
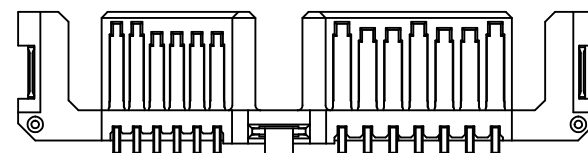
SECTION Z-Z



SECTION Y-Y

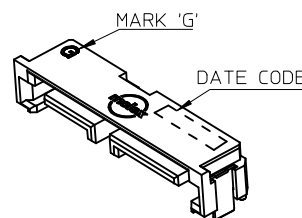


ONLY FOR 47300-1024/1025



DATE CODE

P/N	CONTACT PLATING	REMARK
47300-1026	GOLD FLASH	WITH MARK 'G'
47300-1025	GOLD 0.76 MICRONS MIN	WITH MARK 'O'
47300-1024	GOLD 0.38 MICRONS MIN	WITHOUT MARK 'O'
47300-1022	GOLD 0.76 MICRONS MIN	
47300-1021	GOLD 0.38 MICRONS MIN	
47300-1023	GOLD FLASH	
47300-1020	GOLD FLASH	



ONLY FOR 47300-1026

P/N	CONTACT PLATING
47300-1032	GOLD 0.76 MICRONS MIN
47300-1031	GOLD 0.38 MICRONS MIN
47300-1030	GOLD FLASH

NOTES : OTHER DIMENSIONS AND NOTES
REFER TO 47300-102X.

NOTES :

1.MATERIAL :

SOLDERING PEG : COPPER ALLOY

2.PLATING :

SOLDERING PEG :

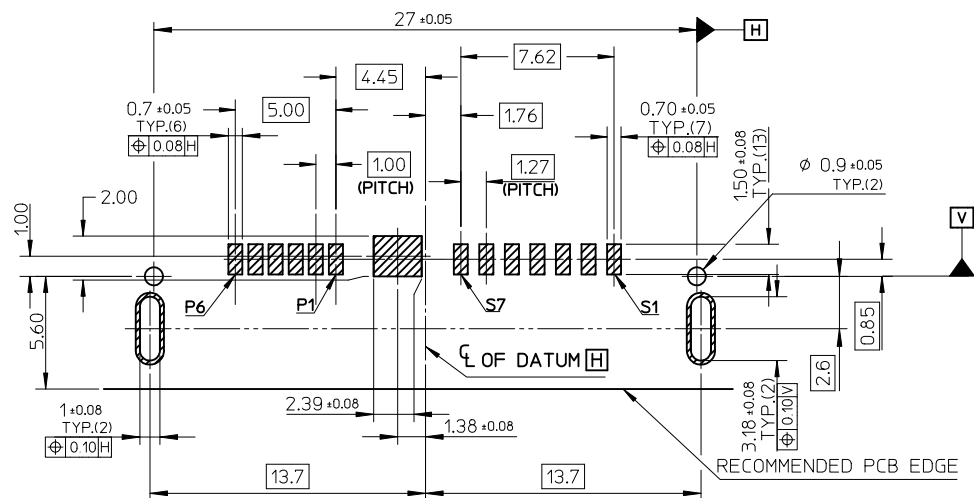
MATTE TIN PLATING 1.0 MICRONS MIN.

OVER NICKEL PLATING 1.0 MICRONS MIN.

3.PRODUCT PACKAGE SPEC: PK-47300-003.

4.OTHER NOTES AND DIMENSIONS REFER TO SHEET-1.

REVISED	EC NO: SH2012-0082	2011/10/11	CHKD:	2011/10/14	APPR: XJ.SONG	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
										MM ONLY		4:1	METRIC				
										DRAWN BY		DATE		TITLE SLIMLINE SATA PLUG FOR OPTIC DISK DIVER SOLDERING STANDARD TYPE			
										GLL I		2011/10/11					
										CHECKED BY		DATE					
										APPROVED BY		DATE					
														MOLEX MOLEX INCORPORATED			



RECOMMEND PCB LAYOUT (THICKNESS=0.8)

REMARK:

THE PCB LAYOUT IS ONLY FOR 47300-102X AND 47300-103X.

REVISED	EC NO: SH2012-0082	2011/10/11	DRWN:GLLI	CHKD:	APPR:XJ SONG	2011/10/14	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE	SLIMLINE SATA PLUG FOR OPTIC DISK DIVER SOLDERING TYPE	MOLEX INCORPORATED	SD-47300-100	SHEET NO. 5 OF 7	
												MM ONLY		4:1	METRIC								
												DRAWN BY DATE											
												GLLI 2011/10/11											
												CHECKED BY DATE											
												APPROVED BY DATE											
										ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.									
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE REMARK											
												SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

10 9 8 7 6 5 4 3 2 1

F

E

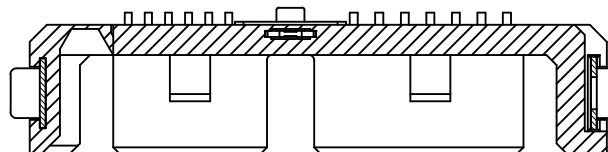
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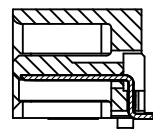
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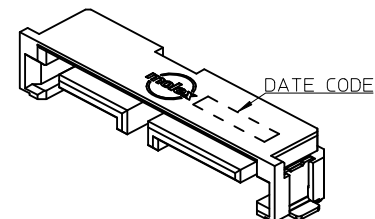
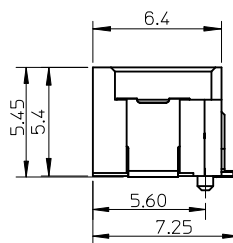
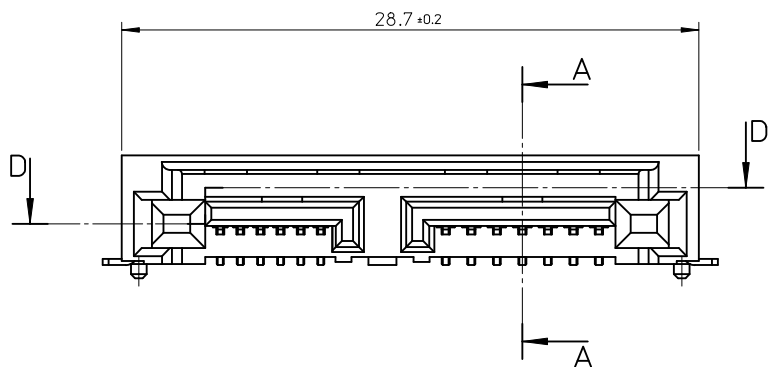
SOLDERING NAIL 2



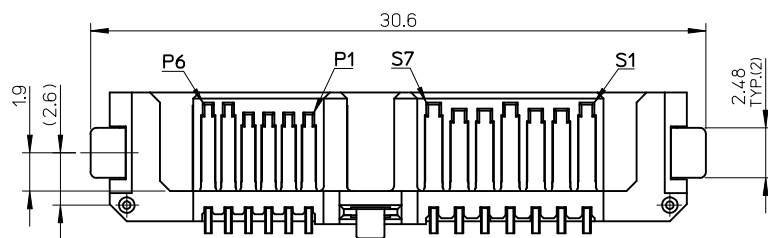
SECTION D-D



SECTION A-A



DATE CODE



P/N	CONTACT PLATING
47300-1042	GOLD 0.76 MICRONS MIN
47300-1041	GOLD 0.38 MICRONS MIN
47300-1040	GOLD FLASH
47300-1046	GOLD FLASH

NOTES :

1.MATERIAL :

SOLDERING NAIL 2 : COPPER ALLOY

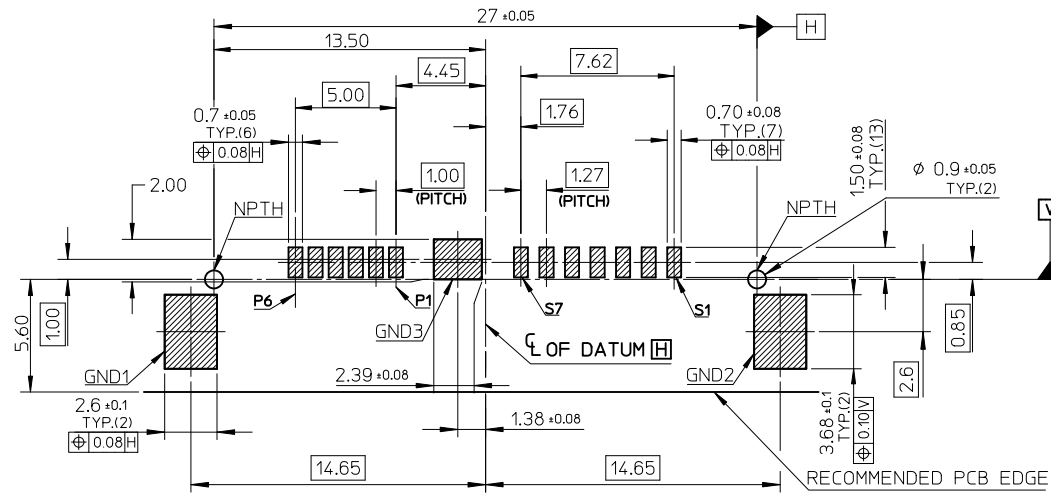
2.PLATING :

SOLDERING NAIL 2 : MATTE TIN PLATING 1.0 MICRONS MIN.
OVER NICKEL PLATING 1.0 MICRONS MIN.

3. PACKING SPEC OF 47300-1046 REFER TO PK-47300-004,
OTHER PACKING SPEC REFER TO PK-47300-001.

4.OTHER NOTES AND DIMENSIONS REFER TO SHEET-1.

REVISED EC NO: SH2012-0082 DRW:GLL CHKD: APPR:XJONG	DESCRIPTION 2011/10/11 2011/10/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		=0 =0 =0	4 PLACES	± ---	± ---	DRAWN BY GLL	DATE 2011/10/11	TITLE SLIMLINE SATA PLUG FOR OPTIC DISK DIVER FITTING STANDARD TYPE			
			3 PLACES	± ---	± ---	CHECKED BY					
			2 PLACES	± ---	± ---	APPROVED BY		DATE			
			1 PLACE	± ---	± ---						
		ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-47300-100		6 OF 7		
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



RECOMMEND PCB LAYOUT

REMARK:

THE PCB LAYOUT IS ONLY FOR 47300-104X

REVISED	EC NO: SH2012-0082	2011/10/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	DESCRIPTION	TITLE	SLIMLINE SATA PLUG FOR OPTIC DISK DIVER FITTING TYPE																
													DRAWN BY GLL I	DATE 2011/10/11														
															CHECKED BY	DATE												
																	APPROVED BY	DATE										
																			MATERIAL NO.	DOCUMENT NO.	SHEET NO.							
																						SEE REMARK	SD-47300-100	7 OF 7				
																									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		
																											SIZE A3	
																												REV