

NOTES:

1. MATERIAL:

HOUSING: SEE TABLE, UL94V-0, COLOR: BLACK OR BULE
(SEE P/N TABLE)

TERMINAL/PEG: COPPER ALLOY

2. TERMINAL PLATING :

CONTACT AREA: GOLD PLATED

SOLDER TAIL: 127 MICRON MIN. TIN PLATED

UNDER PLATE: 127 MICRON MIN. NICKEL PLATED

3. PEG PLATING:

127 MICRON MIN. TIN PLATED

OVERALL 127 MICRON MIN. NICKEL UNDER PLATED

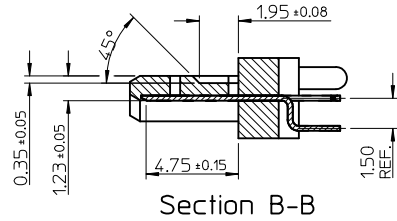
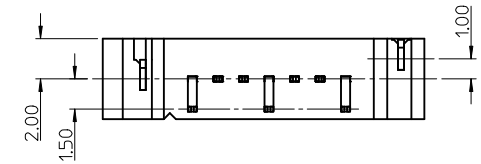
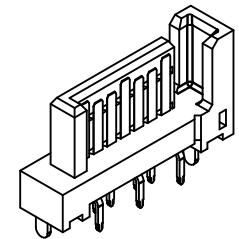
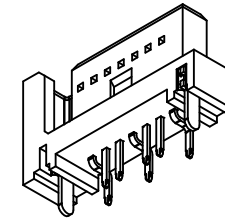
4. PACKAGING SPECIFICATION REFER TO PK-67491-001

5. PRODUCT SPECIFICATION REFER TO PS-67491-001

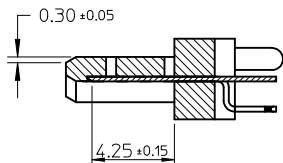
6. MATING PART: 67489

7. RECOMMENDED PROCESS: WAVE SOLDERING

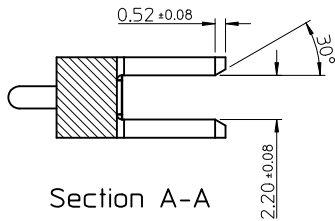
8. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC*



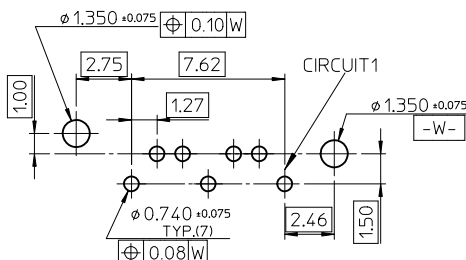
Section B-B



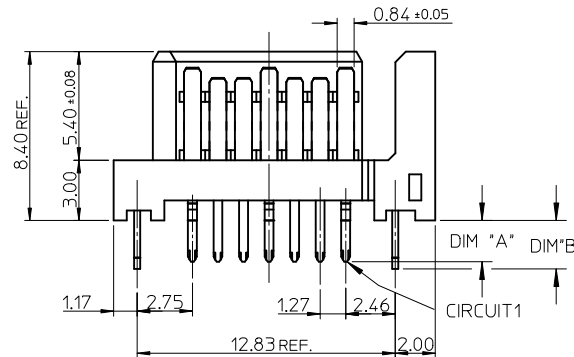
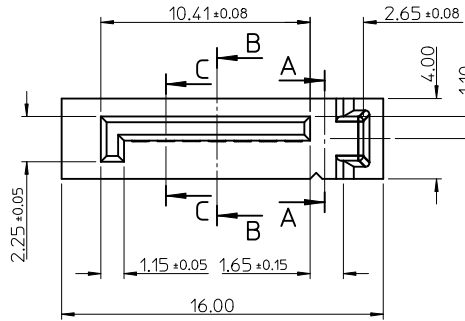
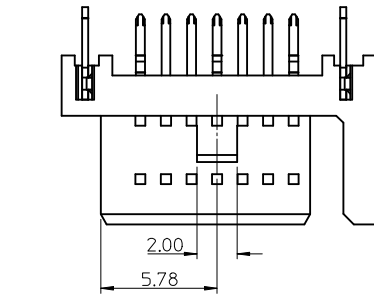
Section C-C



Section A-A



RECOMMENDED P.C.B. LAYOUT t=1.6mm OR 2.0mm



OBSELETE PARTS
EC NO: SH2012-0231
DRW:GLLI
CHKD:XQZHANG
APPR:AYIN
REV

QUALITY
SYMBOLS
F_A=0
F_G=0
F_P=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE	TITLE
GLLI	2012/01/18	1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE
CHECKED BY	DATE	
XQZHANG	2012/01/18	
APPROVED BY	DATE	

MATERIAL NO.
SEE CHART IN SHEET 2

SIZE
A3

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

MOLEX INCORPORATED

SD-67491-002

SHEET NO.
1 OF 2

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	P/N	SUB-ASSEMBLY	CONTACT PLATING TYPE	DIM'A'	DIM'B'	PCB THICKNESS	COLOR	PLASTIC TYPE	SOLDER TAIL PLATING						F
	67491-1030	67599-0005	GOLD FLASH	2.05	2.40	1.60	BLACK	THERMAL PLASTIC	PURE TIN						
	67491-1031	67599-0006	0.76 MICRON GOLD PLATED												
	67491-1032	67599-0007	0.38 MICRON GOLD PLATED												
	67491-1038	67599-0005	GOLD FLASH	3.00	3.20	2.40	PANTONE NO.293C ΔE<2								
	67491-1039	67599-0006	0.76 MICRON GOLD PLATED												
	67491-1040	67599-0007	0.38 MICRON GOLD PLATED												
	67491-2031	67599-0206	0.76 MICRON GOLD PLATED	2.05	2.40	1.60									
	67491-2032	67599-0207	0.38 MICRON GOLD PLATED												
	67491-2035	67599-0205	GOLD FLASH												
E	67491-2036	67599-0206	0.76 MICRON GOLD PLATED	2.35	2.40	2.00				HIGH TEMPERATURE THERMAL PLASTIC					
	67491-2037	67599-0207	0.38 MICRON GOLD PLATED												
	67491-2038	67599-0205	GOLD FLASH												
	67491-2039	67599-0206	0.76 MICRON GOLD PLATED	3.00	3.20	2.40									
	67491-2040	67599-0207	0.38 MICRON GOLD PLATED												
	67491-1139	67599-0106	0.76 MICRON GOLD PLATED				3.00	3.20	2.40						
							BLACK	HIGH TEMPERATURE THERMAL PLASTIC							



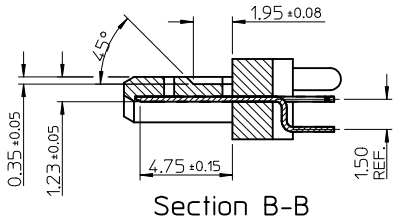
D

C

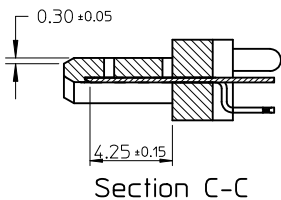
B

A

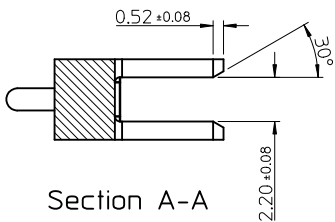
OBsolete PARTS EC NO: SH2012-0231 DRWN:GLLI 2012/01/18 CHKD:XQZHANG 2012/01/18 APPR:AYIN 2012/01/20	DESCRIPTION REV	QUALITY SYMBOLS F_A =0 F_C =0 F_P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY GLLI	DATE 2012/01/18	TITLE 1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE MOLEX INCORPORATED					
			4 PLACES	± ---	± ---	CHECKED BY XQZHANG	DATE 2012/01/18							
			3 PLACES	± ---	± ---	APPROVED BY		DATE						
			2 PLACES	± 0.15	± ---									
			1 PLACE	± 0.25	± ---					DOCUMENT NO. SD-67491-002				
			ANGULAR ± 3 °											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
								SHEET NO. 2 OF 2						



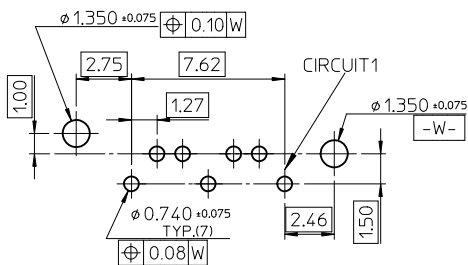
Section B-B



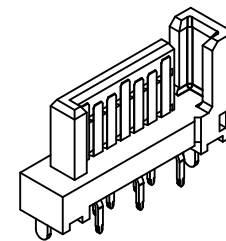
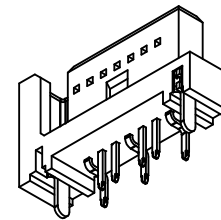
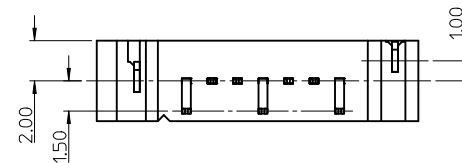
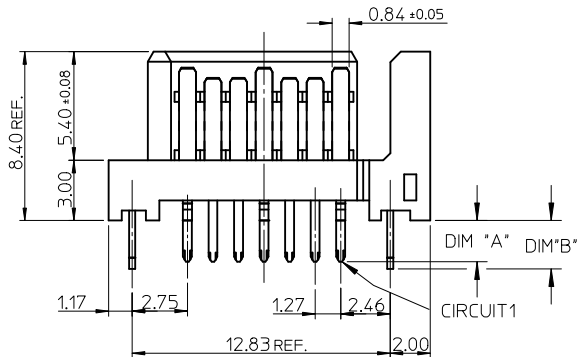
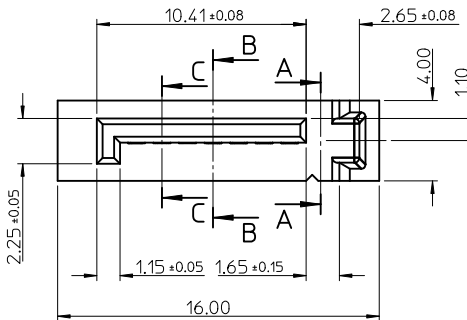
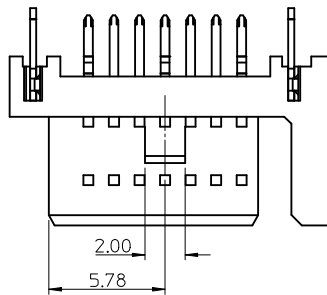
Section C-C



Section A-A



RECOMMENDED P.C.B. LAYOUT t=1.6mm OR 2.0mm



- NOTES:
1. MATERIAL:
HOUSING: SEE TABLE, UL94V-0, COLOR: BLACK OR BULE (SEE P/N TABLE)
TERMINAL/PEG: COPPER ALLOY
 2. TERMINAL PLATING :
CONTACT AREA: GOLD PLATED
SOLDER TAIL: 127 MICRON MIN. TIN PLATED
UNDER PLATE: 127 MICRON MIN. NICKEL PLATED
 3. PEG PLATING:
127 MICRON MIN. TIN PLATED
OVERALL 127 MICRON MIN. NICKEL UNDER PLATED
 4. PACKAGING SPECIFICATION REFER TO PK-67491-001
 5. PRODUCT SPECIFICATION REFER TO PS-67491-001
 6. MATING PART: 67489
 7. RECOMMENDED PROCESS: WAVE SOLDERING
 8. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC*

OBSOLETE PARTS EC NO: SH2011-0104 2010/10/22 DRW:GLL1 CHKD: APPR:RZHANG 2010/11/03	QUALITY SYMBOLS FA=0 FG=0 FP=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY RICHARD	DATE '01/06/21	TITLE 1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	VINCENT	'01/06/21		
			2 PLACES	± 0.15	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED	
			1 PLACE	± 0.25	± ---	RZHANG	2010/11/03		
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART IN SHEET 2		SD-67491-002		1 OF 2
		REV			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										
	P/N	CONTACT PLATING TYPE	"A"	"B"	PCB THICKNESS	SOLDERING PLATE	COLOR	PLASTIC TYPE												
F	67491-1030	GOLD FLASH	2.05	2.40	1.60	PURE TIN	BLACK	THERMAL PLASTIC												
	67491-1031	0.76 MICRON GOLD PLATED																		
	67491-1032	0.38 MICRON GOLD PLATED																		
	67491-1035	GOLD FLASH	2.35	2.40	2.00															
	67491-1036	0.76 MICRON GOLD PLATED																		
	67491-1037	0.38 MICRON GOLD PLATED																		
E	67491-1038	GOLD FLASH	3.00	3.20	2.40		BLUE PENTONE NO.293C △E<3	THERMAL PLASTIC												
	67491-1039	0.76 MICRON GOLD PLATED																		
	67491-1040	0.38 MICRON GOLD PLATED																		
			2.05	2.40	1.60															
	67491-2031	0.76 MICRON GOLD PLATED																		
	67491-2032	0.38 MICRON GOLD PLATED																		
D	67491-2035	GOLD FLASH	2.35	2.40	2.00		BLACK	HIGH TEMPERATURE THERMAL PLASTIC												
	67491-2036	0.76 MICRON GOLD PLATED																		
	67491-2037	0.38 MICRON GOLD PLATED																		
	67491-2038	GOLD FLASH	3.00	3.20	2.40															
	67491-2039	0.76 MICRON GOLD PLATED																		
	67491-2040	0.38 MICRON GOLD PLATED																		
C	67491-1130	GOLD FLASH	2.05	2.40	1.60		BLACK	HIGH TEMPERATURE THERMAL PLASTIC												
	67491-1131	0.76 MICRON GOLD PLATED																		
	67491-1132	0.38 MICRON GOLD PLATED																		
	67491-1135	GOLD FLASH	2.35	2.40	2.00															
	67491-1136	0.76 MICRON GOLD PLATED																		
	67491-1137	0.38 MICRON GOLD PLATED																		
B	67491-1138	GOLD FLASH	3.00	3.20	2.40		BLACK	HIGH TEMPERATURE THERMAL PLASTIC												
	67491-1139	0.76 MICRON GOLD PLATED																		
	67491-1140	0.38 MICRON GOLD PLATED																		
									QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
	OBsolete PARTS EC NO: SH2011-0104 2010/10/22 GDRWNGLLI CHKD: APPR:RZHANG 2010/11/03								FA=0		4 PLACES ± --- ± ---		DRAWN BY DATE RICHARD '01/06/21		1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE					
									FG=0		3 PLACES ± --- ± ---		CHECKED BY DATE VINCENT '01/06/21							
FB=0							2 PLACES ± 0.15 ± ---		APPROVED BY DATE RZHANG 2010/11/03		MOLEX INCORPORATED									
		1 PLACE ± 0.25 ± ---		MATERIAL NO.			DOCUMENT NO.		SHEET NO.											
		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-67491-002		2 OF 2									
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9	8	7	6		5	4	3	2	1									