

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

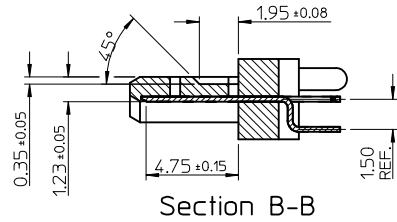
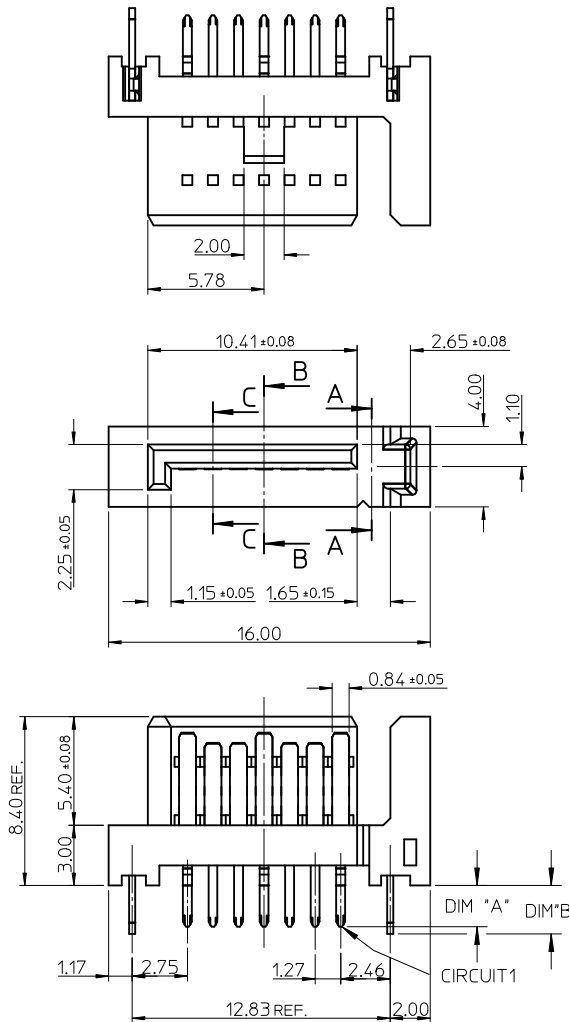
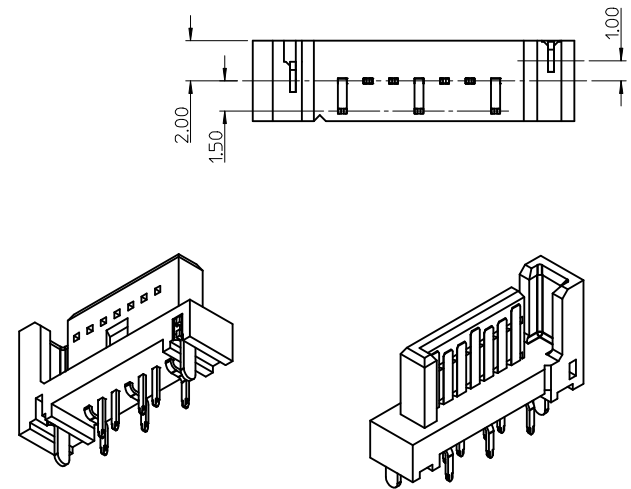
4. PACKAGING SPECIFICATION REFER TO PK-67491-001

5. PRODUCT SPECIFICATION REFER TO PS-67491-001

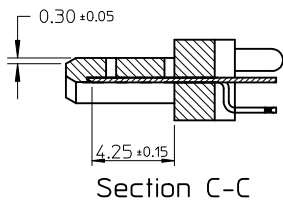
6. MATING PART: 67489

7. RECOMMENDED PROCESS: WAVE SOLDERING

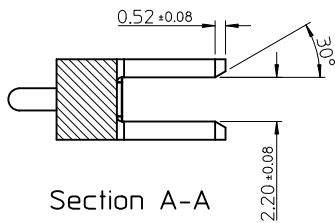
8. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC
AND ELV DIRECTIVE 2000/53/EC*



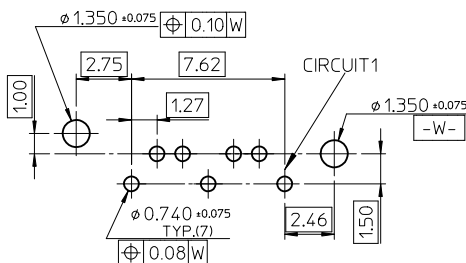
Section B-B



Section C-C



Section A-A



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

OBsolete PARTS EC NO: SH2012-0231 DRW:GLLI CHKD:XQZHANG APPR:AYIN	2012/01/18	2012/01/18	2012/01/20	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_G=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				
	4 PLACES ± --- ± ---		3 PLACES ± --- ± ---			CHECKED BY XQZHANG		DATE 2012/01/18						
	2 PLACES ± 0.15 ± ---		1 PLACE ± 0.25 ± ---			APPROVED BY		DATE		MOLEX INCORPORATED				
	ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.						SHEET NO.
	SEE CHART IN SHEET 2		SD-67491-002			1 OF 2								
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	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											
	67491-1039	67599-0006	0.76 MICRON GOLD PLATED	3.00	3.20	2.40	PANTONE NO.293C ΔE<2							
	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	2.35	2.40	2.00								
67491-2036	67599-0206	0.76 MICRON GOLD PLATED												
67491-2037	67599-0207	0.38 MICRON GOLD PLATED												
67491-2038	67599-0205	GOLD FLASH												
E	67491-2039	67599-0206	0.76 MICRON GOLD PLATED	3.00	3.20	2.40		HIGH TEMPERATURE THERMAL PLASTIC						
	67491-2040	67599-0207	0.38 MICRON GOLD PLATED											
	67491-1139	67599-0106	0.76 MICRON GOLD PLATED	3.00	3.20	2.40								



D

C

B

A

OBsolete PARTS

EC NO: SH2012-0231

DRWN:GLLI

CHKD:XQZHANG

APPR:AYIN

2012/01/18

2012/01/18

2012/01/20

REV

DESCRIPTION

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

GLLI

2012/01/18

CHECKED BY

DATE

XQZHANG

2012/01/18

APPROVED BY

DATE

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION

TITLE

1.27MM HIGH SPEED
SERIAL PLUG
VERTICAL TYPE

MOLEX INCORPORATED

MATERIAL NO.

SEE CHART

DOCUMENT NO.

SD-67491-002

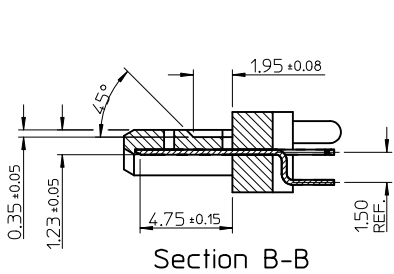
SHEET NO.

2 OF 2

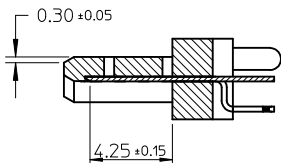
SIZE

A3

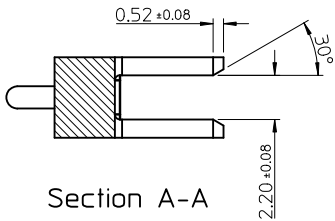
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



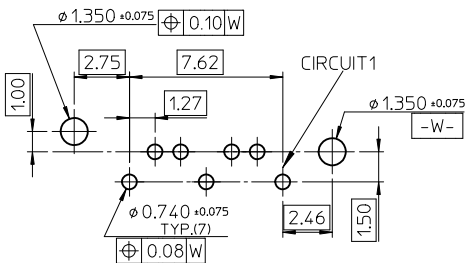
Section B-B



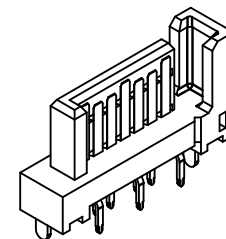
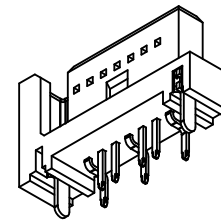
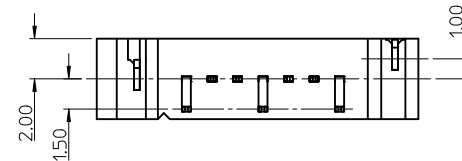
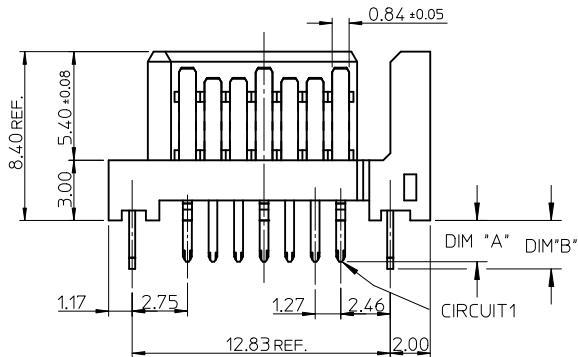
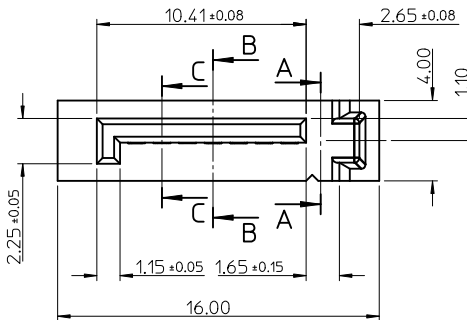
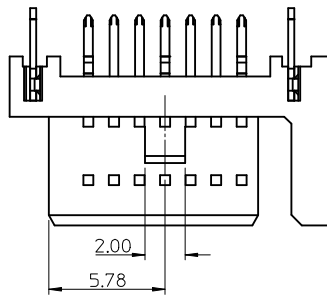
Section C-C



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 F _A =0 F _G =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 RICHARD	DATE '01/06/21	
				4 PLACES	± ---	CHECKED BY VINCENT	DATE '01/06/21	
				3 PLACES	± ---	APPROVED BY RZHANG	DATE 2010/11/03	
				2 PLACES	± 0.15	MATERIAL NO.		
				1 PLACE	± 0.25	SEE CHART IN SHEET 2		
				ANGULAR ± 3 °		DOCUMENT NO.		
				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		SHEET NO. 1 OF 2		

	10	9	8	7	6	5	4	3	2	1																																																																														
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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																																																																																
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		tb_frame_A3_P_AM_T Rev. F 2009/06/18	9	8	7	6	5	4	3	2	1																																																																													