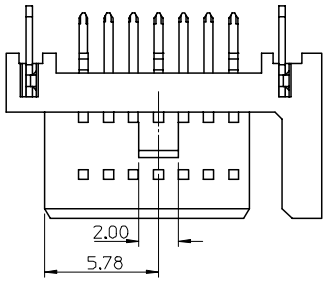
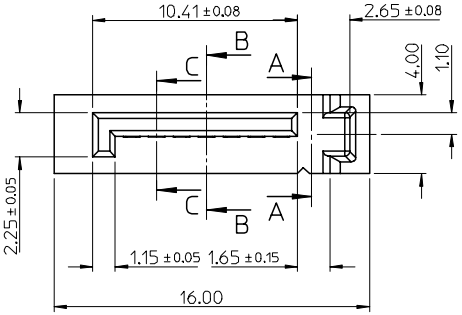
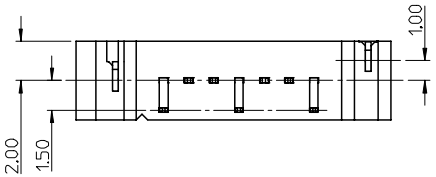
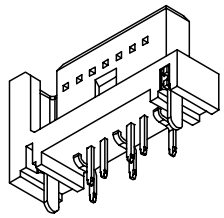
P/N	CONTACT PLATING TYPE	"A"	"B"	PCB THICKNESS	SOLDERING PLATE
67491-0030	GOLD FLASH	2.05	2.40	1.60	TIN-LEAD
67491-0031	0.76 MICRON GOLD PLATED				
67491-0032	0.38 MICRON GOLD PLATED				
67491-0035	GOLD FLASH	2.35	2.40	2.00	
67491-0036	0.76 MICRON GOLD PLATED				
67491-0037	0.38 MICRON GOLD PLATED				
67491-0038	GOLD FLASH	3.00	3.20	2.40	
67491-0039	0.76 MICRON GOLD PLATED				
67491-0040	0.38 MICRON GOLD PLATED				
67491-1030	GOLD FLASH	2.05	2.40	1.60	PURE TIN
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				
67491-1038	GOLD FLASH	3.00	3.20	2.40	
67491-1039	0.76 MICRON GOLD PLATED				
67491-1040	0.38 MICRON GOLD PLATED				

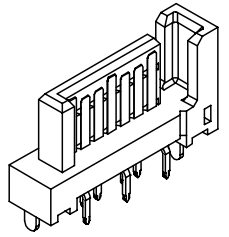


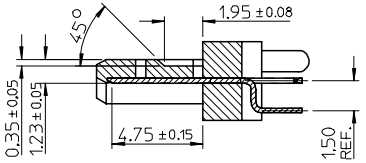
NOTES:
1. MATERIAL :
   HOUSING: THERMAL PLASTIC, UL94V-0, COLOR: BLACK
   TERMINAL/PEG: COPPER ALLOY
2. TERMINAL PLATING :
   CONTACT AREA:
   GOLD PLATED
   SOLDER TAIL:
   1.27 MOICRON MIN. TIN-LEAD OR TIN PLATED
   UNDER PLATE:
   1.27 MOICRON MIN. NICKEL PLATED
3. PEG PLATING:
   1.27 MOICRON MIN. TIN-LEAD OR TIN PLATED
   OVERALL 1.27 MOICRON MIN. TNICKEL 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



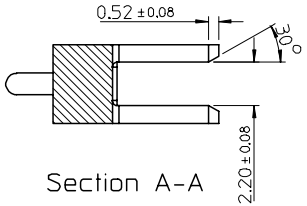




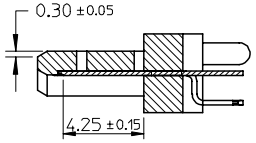




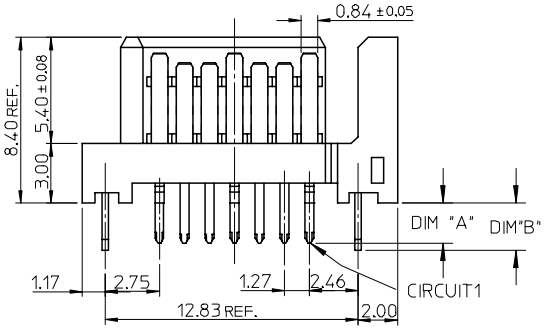
Section B-B

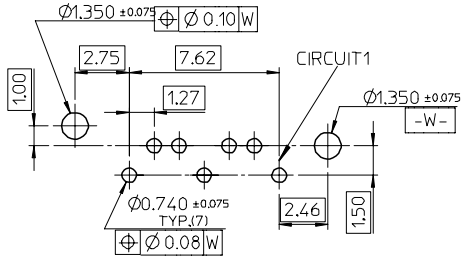


Section A-A



Section C-C





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

EC NO: SH2005-0049 2004/09/03
DRWN: GRMA 2004/09/07
CHKD: GRATE MA 2004/09/07
APPR: YTYAP 2004/09/10
DESCRIPTION
REV

QUALITY SYMBOLS
▼ 0
C 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

SCALE	4:1
DESIGN UNITS	METRIC
DIMENSION STYLE	MM ONLY
DRAWN BY	RICHARD
DATE	'01/06/21
CHECKED BY	VINCENT
DATE	'01/06/21
APPROVED BY	ERIC
DATE	'01/06/21

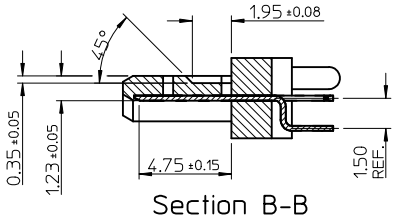
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

TITLE: 1.27MM HIGH SPEED SERIAL PLUG VERTICLE TYPE

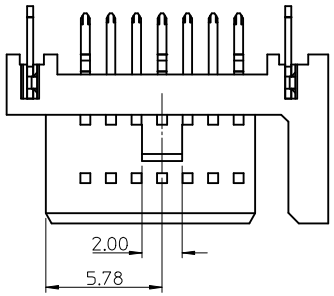
molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-67491-002	1 OF 1

A3

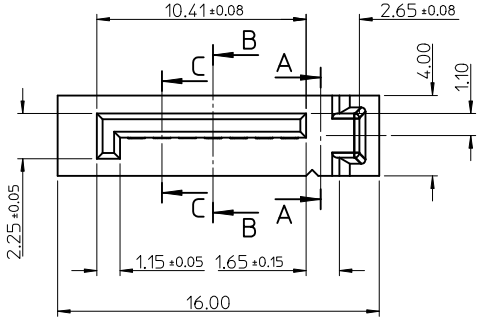


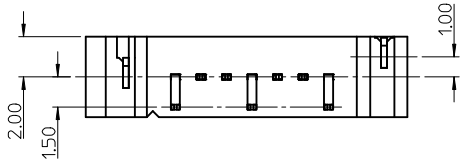
Section B-B

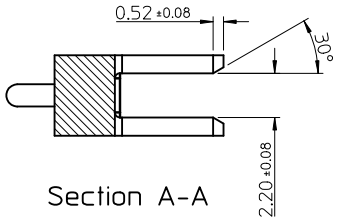


NOTES:
1. MATERIAL:
   HOUSING: SEE TABLE, UL94V-0, COLOR: BLACK OR BULE
   (SEE P/N TABLE)
   TERMINAL/PEG: COPPER ALLOY
2. TERMINAL PLATING :
   CONTACT AREA: GOLD PLATED
   SOLDER TAIL: 1.27 MICRON MIN. TIN PLATED
   UNDER PLATE: 1.27 MICRON MIN. NICKEL PLATED
3. PEG PLATING:
   1.27 MICRON MIN. TIN PLATED
   OVERALL 1.27 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"

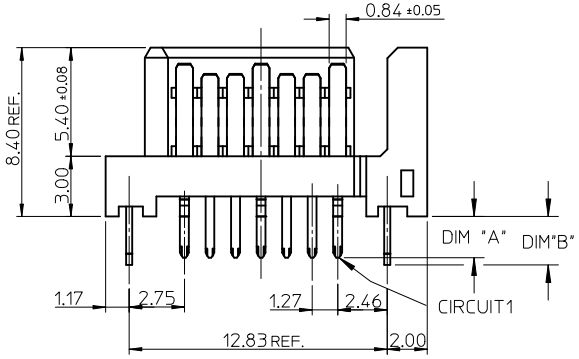
Section C-C

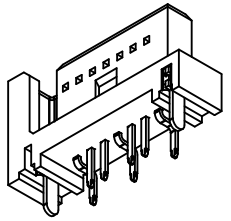


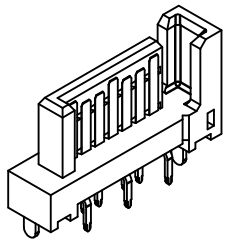


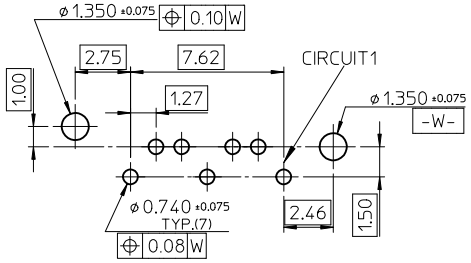


Section A-A









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

OBSOLETE PARTS EC NO: SH2011-0104 2010/10/22 DRWN:GLLI CH'KD: APPR:RZHANG 2010/11/03 DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.15 / ± --- 1 PLACE ± 0.25 / ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY RICHARD DATE '01/06/21	TITLE 1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE			
			CHECKED BY VINCENT DATE '01/06/21				
			APPROVED BY RZHANG DATE 2010/11/03	molex MOLEX INCORPORATED			
REV G	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART IN SHEET 2	DOCUMENT NO. SD-67491-002	SHEET NO. 1 OF 2		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

P/N	CONTACT PLATING TYPE	"A"	"B"	PCB THICKNESS	SOLDERING PLATE	COLOR	PLASTIC TYPE
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						
67491-1038	GOLD FLASH	3.00	3.20	2.40			
67491-1039	0.76 MICRON GOLD PLATED						
67491-1040	0.38 MICRON GOLD PLATED						
		2.05	2.40	1.60		BLUE PENTONE NO.293C △E<3	
67491-2031	0.76 MICRON GOLD PLATED						
67491-2032	0.38 MICRON GOLD PLATED						
67491-2035	GOLD FLASH	2.35	2.40	2.00			
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						
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						
67491-1138	GOLD FLASH	3.00	3.20	2.40			
67491-1139	0.76 MICRON GOLD PLATED						
67491-1140	0.38 MICRON GOLD PLATED						

OBSOLETE PARTS
EC NO: SH2011-0104 2010/10/22
DRWN:GLLI
CHKD:
APPR:RZHANG 2010/11/03
DESCRIPTION
REV
G

QUALITY SYMBOLS
$\sqrt{F_A}$=0
$\sqrt{F_C}$=0
$\sqrt{F_P}$=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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: RICHARD DATE: '01/06/21
CHECKED BY: VINCENT DATE: '01/06/21
APPROVED BY: RZHANG DATE: 2010/11/03

TITLE: 1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-67491-002
SHEET NO.: 2 OF 2
SIZE: A3