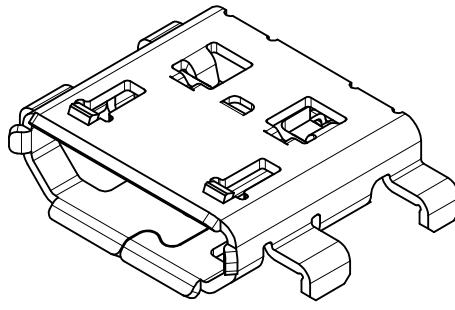
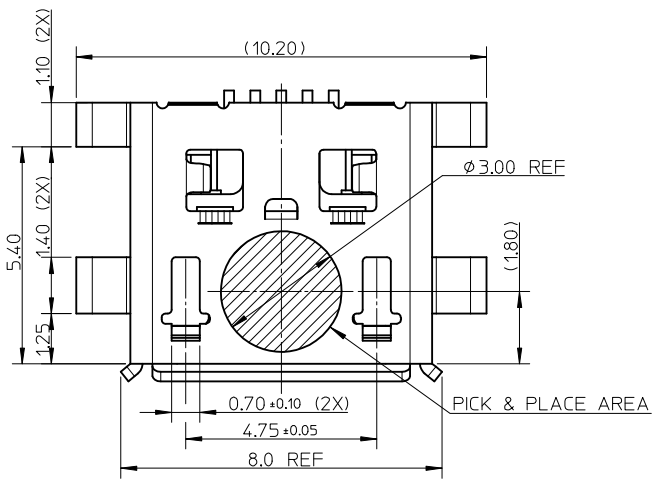


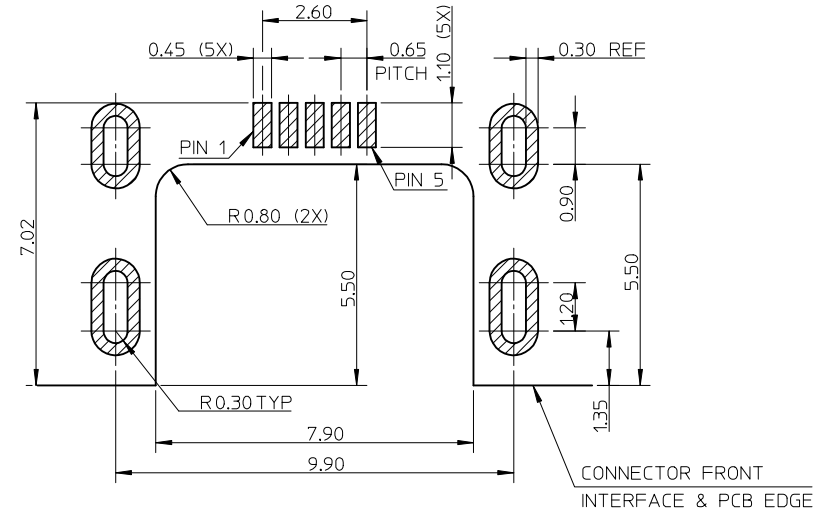
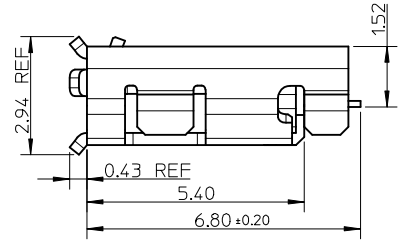
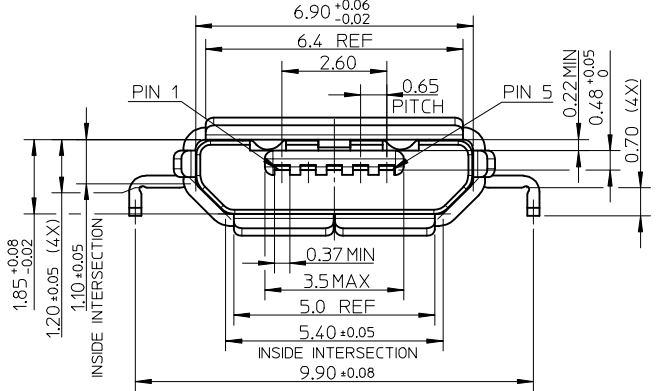
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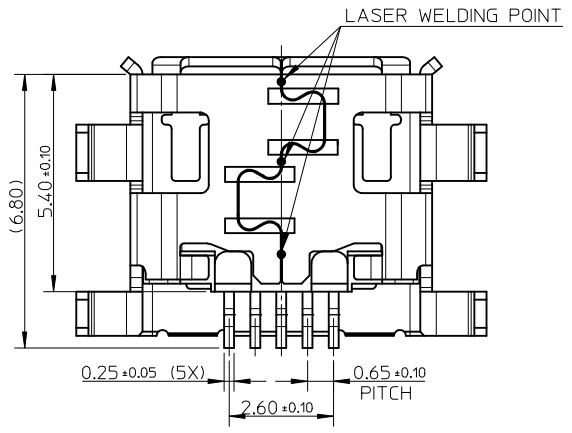
- MATERIAL:
 - HOUSING: LCP, BLACK, UL94V-0;
 - TERMINAL: COPPER ALLOY, THICKNESS: 0.15mm;
 - SHELL: STAINLESS STEEL, THICKNESS: 0.30mm.
- PLATING:
 - TERMINAL:
 - CONTACT AREA: GOLD FLASH OVER 0.75 MICRON MINIMUM Pd/Ni;
 - SOLDER TAIL AREA: GOLD FLASH;
 - UNDER PLATING: NICKEL 2.0 MICRON MINIMUM.
 - SHELL:
 - MATTE TIN 2.0 MICRON MINIMUM;
 - UNDER PLATING: NICKEL 1.27 MICRON MINIMUM.
- TAIL & NAIL COPLANARITY 0.08mm MAXIMUM.
- PRODUCT SPECIFICATION: PS-47642-001.
- PACKAGING SPECIFICATION: PK-47642-001.
- PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

D



RECOMMENDED P.C.B. PATTERN LAYOUT
GENERAL TOLERANCE: ±0.05

B



A

ADD PART NUMBER EC NO: SHZ013-0123 DRWN: XQZHANG CHKD: XQZHANG APPR: AYIN	DESCRIPTION 2012/10/22 2012/10/22 2012/10/26	QUALITY SYMBOLS $F_A=0$ $F_B=0$ $F_C=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE SALES DRAWING FOR USB MICRO-B, MID MOUNT molex MATERIAL NO. 105248-0001 DOCUMENT NO. SD-105248-001 SHEET NO. 1 OF 3			
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.20	± ---	XQZHANG	2012/06/21				
1 PLACE	± 0.25	± ---	APPROVED BY	DATE							
0 PLACE	± ---	± ---	AYIN	2012/10/11	MATERIAL NO. 105248-0001		DOCUMENT NO. SD-105248-001		SHEET NO. 1 OF 3		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 3°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

F

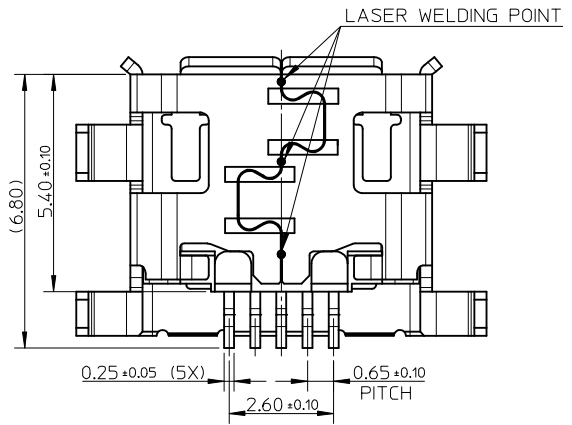
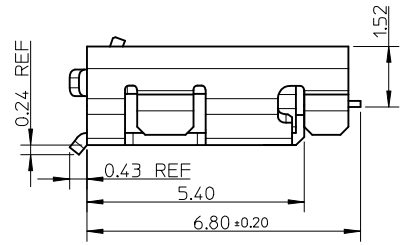
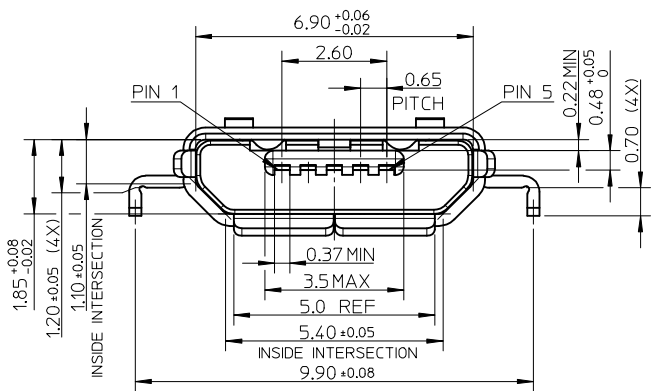
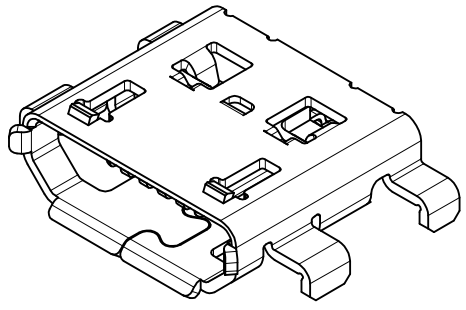
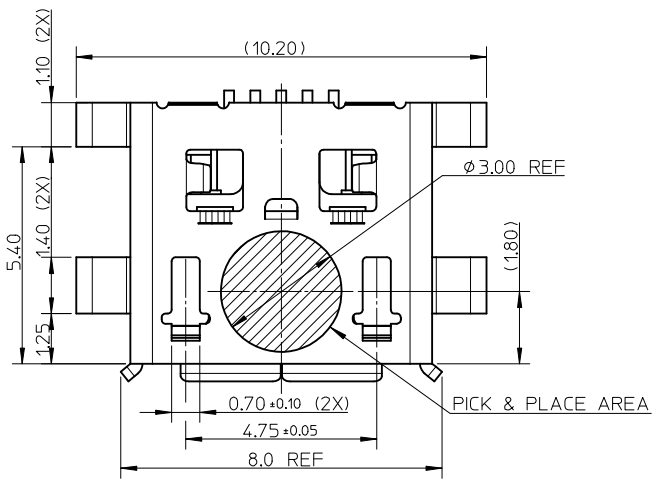
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D

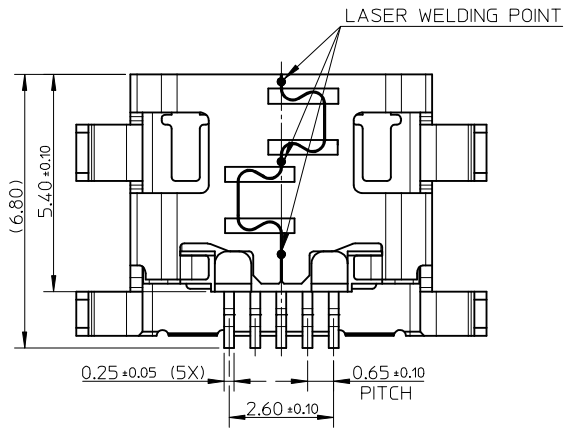
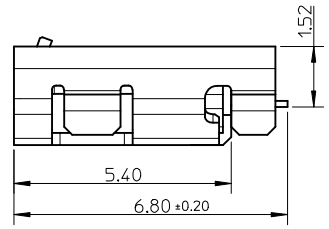
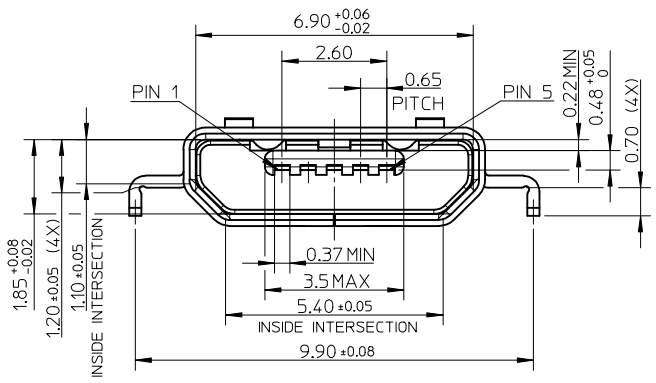
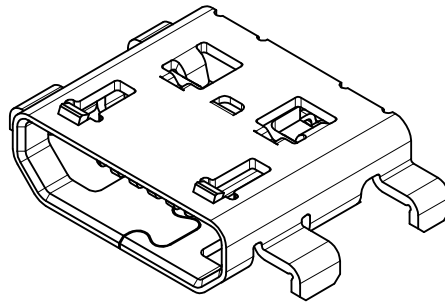
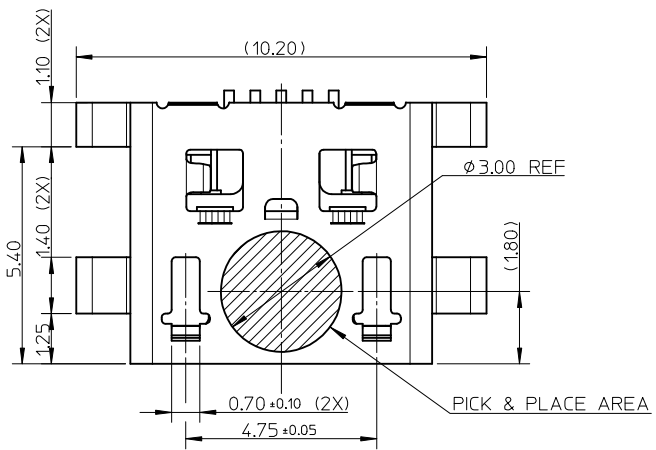
C

B

A



SEE SHEET 1 EC NO: SHZ013-0123 DRWN: XQZHANG 2012/10/22 CHKD: XQZHANG 2012/10/22 APPR: AYIN 2012/10/26	QUALITY SYMBOLS ▽ _F =0 ▽ _F =0 ▽ _F =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY XQZHANG	DATE 2012/06/21	TITLE SALES DRAWING FOR USB MICRO-B, MID MOUNT FLANGELESS TYPE			
B	REVISION DESCRIPTION	4 PLACES	± ---	± ---	CHECKED BY XQZHANG	DATE 2012/06/21	DOCUMENT NO. SD-105248-001		
		3 PLACES	± ---	± ---	APPROVED BY AYIN	DATE 2012/10/11			SHEET NO. 2 OF 3
		2 PLACES	± 0.20	± ---	MATERIAL NO. 105248-1101				
		1 PLACE	± 0.25	± ---					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		0 PLACE	± ---	± ---	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
				SIZE A3					INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



SEE SHEET 1 EC NO: SHZ013-0123 2012/10/22 DRWN:XQZHANG 2012/10/22 CHKD:XQZHANG 2012/10/22 APPR:AYIN 2012/10/26	QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_B = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY XQZHANG	DATE 2012/06/21	TITLE SALES DRAWING FOR USB MICRO-B, MID MOUNT FLANGELESS TYPE			
		3 PLACES ± --- ± ---		CHECKED BY XQZHANG	DATE 2012/06/21				
		2 PLACES ± 0.20 ± ---		APPROVED BY AYIN	DATE 2012/10/11	MATERIAL NO. 105248-1001	DOCUMENT NO. SD-105248-001	SHEET NO. 3 OF 3	
		ANGULAR ± 3 °		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			

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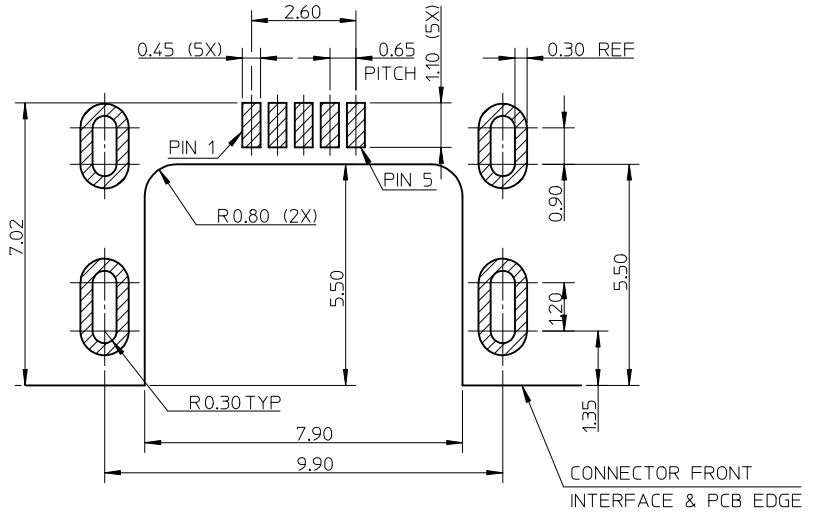
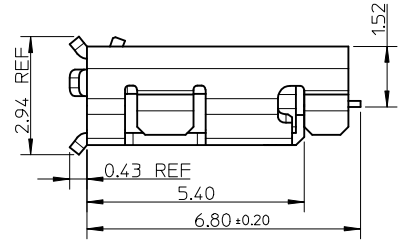
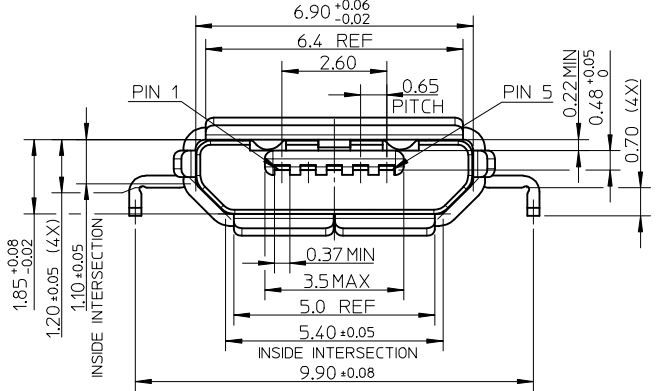
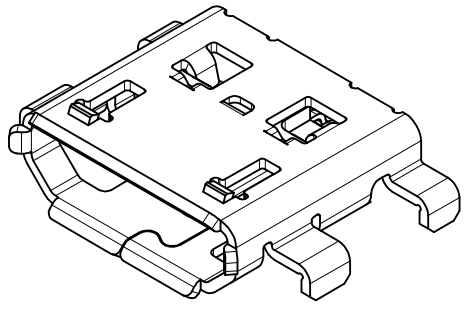
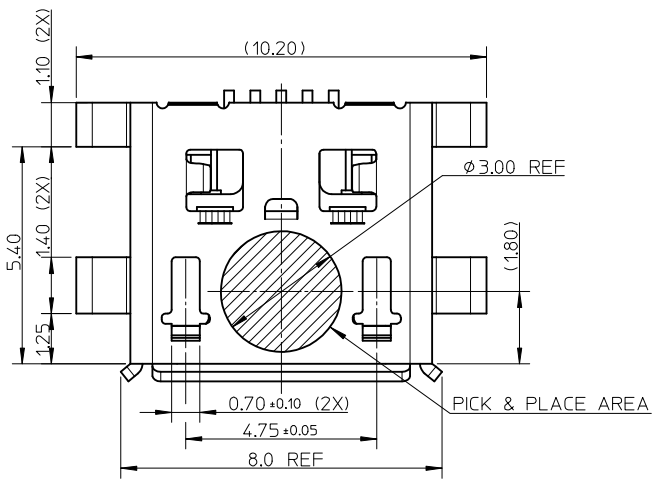
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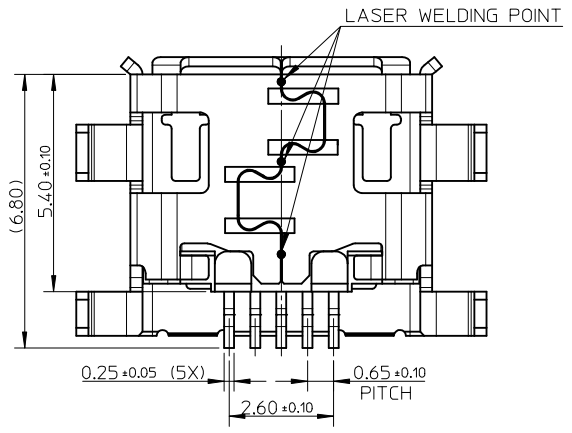
C

B

A



RECOMMENDED P.C.B. PATTERN LAYOUT
GENERAL TOLERANCE: ±0.05



NOTES:

- MATERIAL:
HOUSING: LCP, BLACK, UL94V-0;
TERMINAL: COPPER ALLOY, THICKNESS: 0.15mm;
SHELL: STAINLESS STEEL, THICKNESS: 0.30mm.
- PLATING:
TERMINAL:
CONTACT AREA: GOLD FLASH OVER 0.75 MICRON MINIMUM Pd/Ni;
SOLDER TAIL AREA: GOLD FLASH;
UNDER PLATING: NICKEL 2.0 MICRON MINIMUM.
SHELL:
MATTE TIN 2.0 MICRON MINIMUM;
UNDER PLATING: NICKEL 1.27 MICRON MINIMUM.
- TAIL & NAIL COPLANARITY 0.08mm MAXIMUM.
- PRODUCT SPECIFICATION: PS-47642-001.
- PACKAGING SPECIFICATION: PK-47642-001.
- PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

ADD PART NUMBER EC NO: SHZ013-0123 DRWN: XQZHANG CHKD: XQZHANG APPR: AYIN	DESCRIPTION 2012/10/22 2012/10/22 2012/10/26	QUALITY SYMBOLS $F_A=0$ $F_B=0$ $F_C=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			4 PLACES ± --- ± ---	mm	INCH	DRAWN BY XQZHANG	DATE 2012/06/21	TITLE SALES DRAWING FOR USB MICRO-B, MID MOUNT molex MATERIAL NO. 105248-0001 DOCUMENT NO. SD-105248-001 SHEET NO. 1 OF 3			
			3 PLACES ± --- ± ---			CHECKED BY XQZHANG	DATE 2012/06/21				
			2 PLACES ± 0.20 ± ---			APPROVED BY AYIN	DATE 2012/10/11				
1 PLACE ± 0.25 ± ---											
		0 PLACE ± --- ± ---									
		ANGULAR ± 3°		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					

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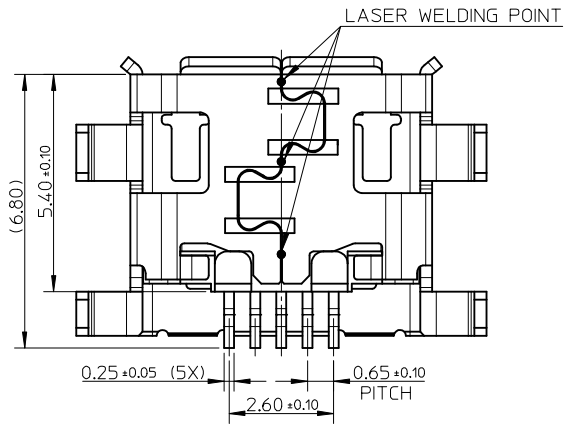
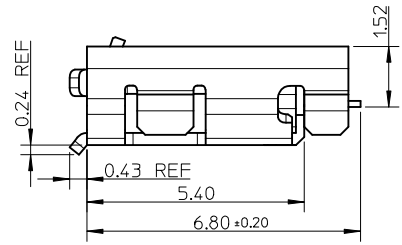
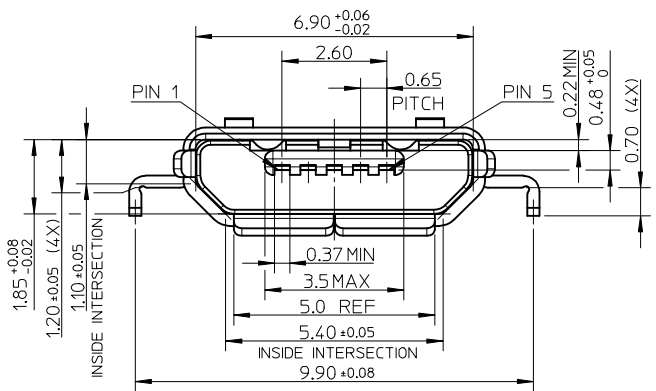
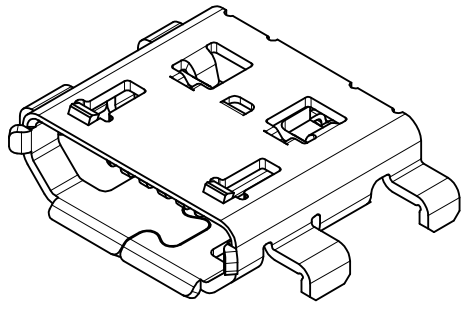
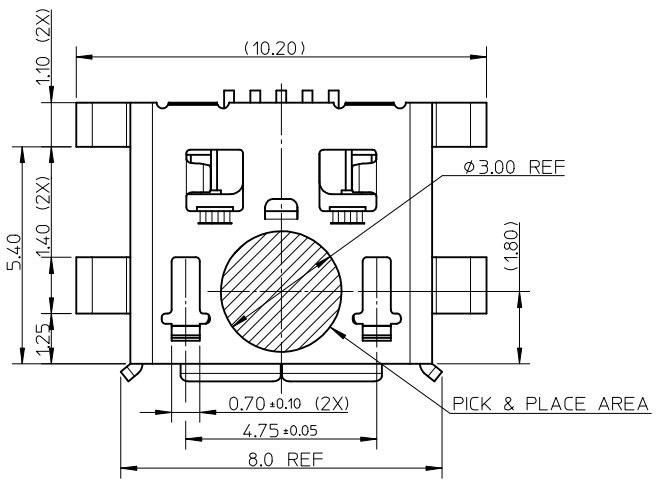
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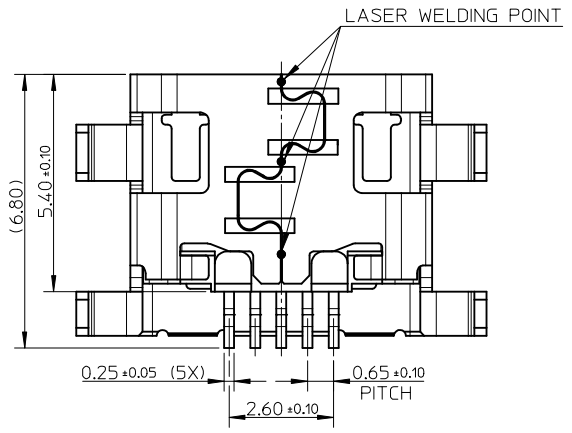
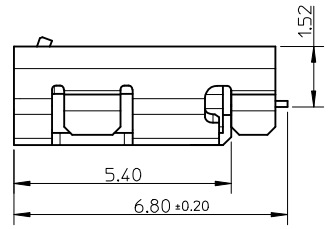
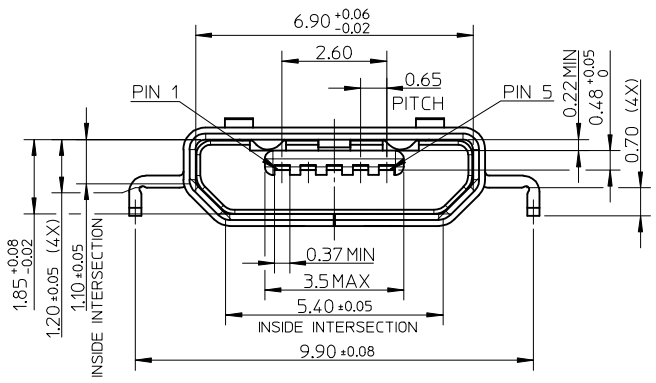
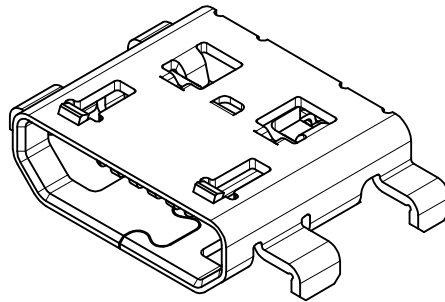
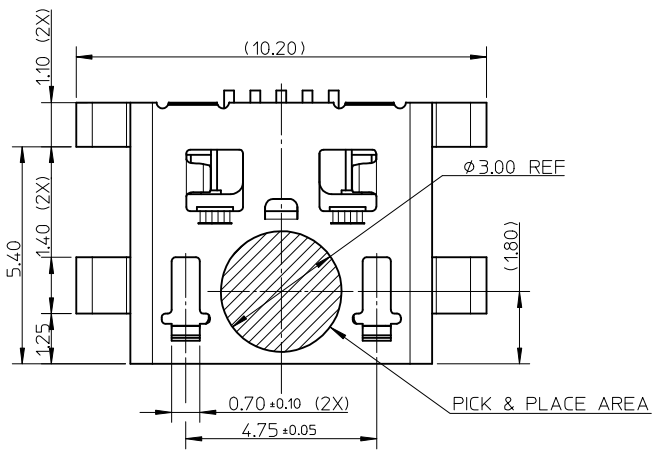
C

B

A



SEE SHEET 1 EC NO: SHZ013-0123 DRWN: XQZHANG CHKD: XQZHANG APPR: AYIN	2012/10/22 2012/10/22 2012/10/26	QUALITY SYMBOLS $\nabla_F = 0$ $\nabla_E = 0$ $\nabla_B = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY XQZHANG	DATE 2012/06/21	TITLE SALES DRAWING FOR USB MICRO-B, MID MOUNT FLANGELESS TYPE			
			4 PLACES	± ---	± ---	CHECKED BY XQZHANG	DATE 2012/06/21				
			3 PLACES	± ---	± ---	APPROVED BY AYIN	DATE 2012/10/11	molex MATERIAL NO. 105248-1101 DOCUMENT NO. SD-105248-001 SHEET NO. 2 OF 3			
2 PLACES	± 0.20	± ---	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					



SEE SHEET 1 EC NO: SHZ013-0123 DRWN: XQZHANG CHKD: XQZHANG APPR: AYIN	REV B	DESCRIPTION 2012/10/22 2012/10/22 2012/10/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																													
			$\nabla_F = 0$ $\nabla_E = 0$ $\nabla_B = 0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± 0.25	± ---	0 PLACE	± ---	± ---	<table border="1"> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> <tr> <td>XQZHANG</td> <td>2012/06/21</td> <td rowspan="2">SALES DRAWING FOR USB MICRO-B, MID MOUNT FLANGELESS TYPE</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>XQZHANG</td> <td>2012/06/21</td> <td rowspan="2">molex</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>AYIN</td> <td>2012/10/11</td> <td></td> </tr> </table>	DRAWN BY	DATE	TITLE	XQZHANG	2012/06/21	SALES DRAWING FOR USB MICRO-B, MID MOUNT FLANGELESS TYPE	CHECKED BY	DATE	XQZHANG	2012/06/21	molex	APPROVED BY	DATE	AYIN	2012/10/11	
	mm	INCH																																					
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