

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

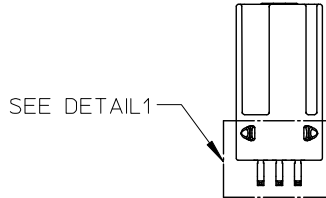
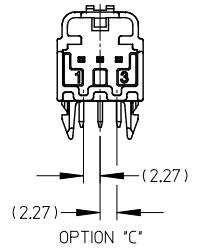
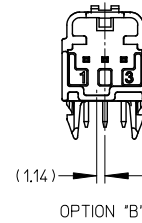
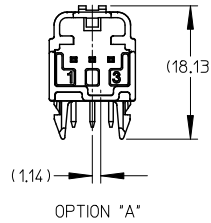
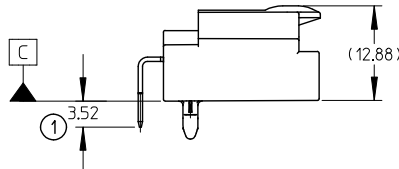
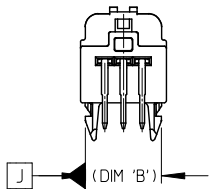
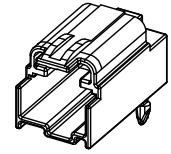
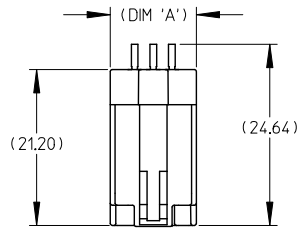
[Molex Connector Corporation](#)  
[0311000040](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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3 WAY RIGHT ANGLE  
HEADER ASSEMBLY  
(POLARIZATION OPTIONS  
VIEWED FROM MATE SIDE)



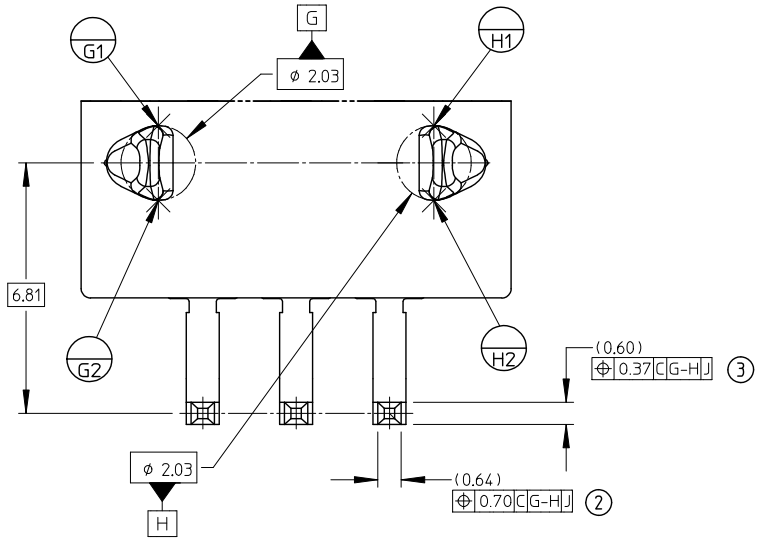
NOTES:

1. MATERIAL:  
HOUSING: SYNDIOTATIC POLYSTYRENE (SPS).  
COLOR: SEE CHART.  
TERMINAL: BRASS.
2. FINISH:  
TERMINAL: 60 MICROINCHES MIN NICKEL (Ni)  
UNDERPLATE OVERALL: 60 MICROINCHES MIN  
SELECTIVE TIN (Sn).
3. PRODUCT SPEC NUMBER PS-31100-0001.
4. PACKAGING PER PACKAGING SPEC.: SEE CHART.
5. MATES WITH SEE CHART.

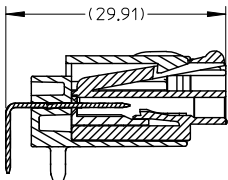
ENTER DESCRIPTION EC NO: UAU2016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APPERBAUMAN 2016/06/09 REV:	QUALITY SYMBOLS ▽=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																											
	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .13	± .005	3 PLACES	± .13	± .005	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	<table border="1"> <tr> <td>DRAWN BY</td> <td>MDEVITO</td> <td>DATE</td> <td>01/12/06</td> </tr> <tr> <td>CHECKED BY</td> <td>BCOURIM</td> <td>DATE</td> <td>01/12/07</td> </tr> <tr> <td>APPROVED BY</td> <td>GMEYER</td> <td>DATE</td> <td>01/12/07</td> </tr> </table>	DRAWN BY	MDEVITO	DATE	01/12/06	CHECKED BY	BCOURIM	DATE	01/12/07	APPROVED BY	GMEYER	DATE	01/12/07	TITLE RIGHT ANGLE HEADER ASSEMBLY CHARTED SALES DRAWING	MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31197-003
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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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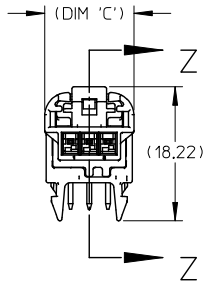
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DETAIL1  
SCALE 10:1



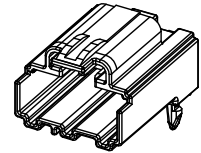
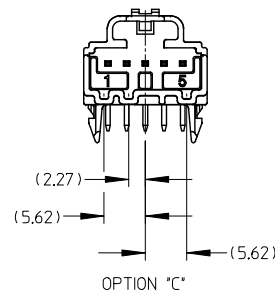
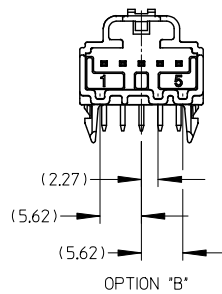
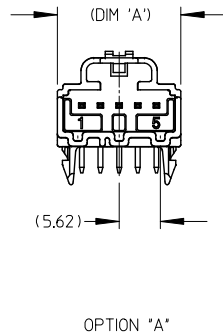
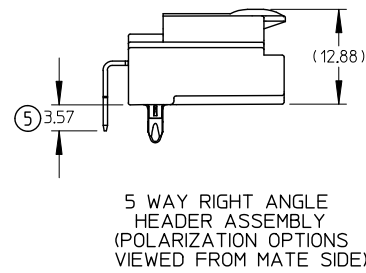
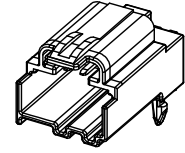
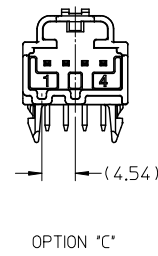
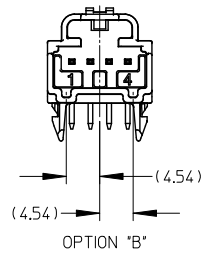
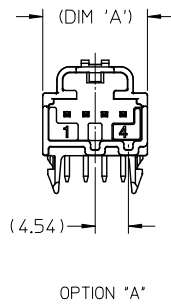
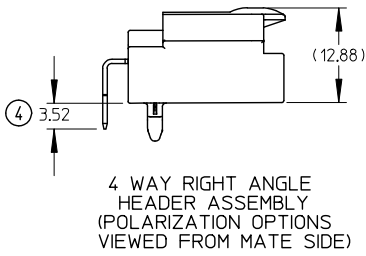
SECTION Z-Z  
SCALE 2:1



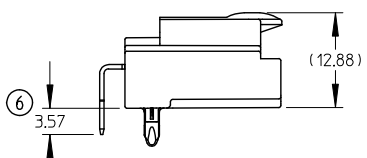
FULLY SEATED ASSEMBLY

ENTER DESCRIPTION EC. NO: UAU/2016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APPREBAUMAN 2016/06/09 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0		MM ONLY	1:1	METRIC	☉	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DRAWN BY MDEVITO CHECKED BY BCOURIM APPROVED BY GMEYER MATERIAL NO. SEE CHART SIZE B	DATE 01/12/06 DATE 01/12/07 DATE 01/12/07	TITLE RIGHT ANGLE HEADER ASSEMBLY CHARTED SALES DRAWING MOLEX INCORPORATED DOCUMENT NO. SD-31197-003 SHEET NO. 2 OF 8		
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				

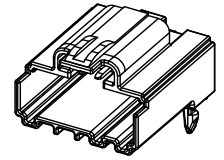
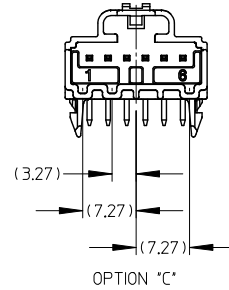
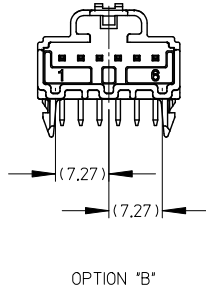
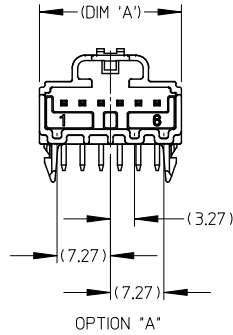
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<b>ENTER DESCRIPTION</b> EC NO: UAU2016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APPR:BAUMAN 2016/06/09 REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY: MDEVITO CHECKED BY: BCOURIM APPROVED BY: GMEYER DATE: 01/12/06 DATE: 01/12/07 DATE: 01/12/07	TITLE RIGHT ANGLE HEADER ASSEMBLY CHARTED SALES DRAWING	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31197-003	MOLEX INCORPORATED	SHEET NO. 3 OF 8	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
	SIZE B						



6 WAY RIGHT ANGLE  
HEADER ASSEMBLY  
(POLARIZATION OPTIONS  
VIEWED FROM MATE SIDE)



<b>ENTER DESCRIPTION</b> EC NO: 11A12016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APPERBAUMAN 2016/06/09 REV:	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	mm INCH	DRAWN BY MDEVITO	DATE 01/12/06	TITLE RIGHT ANGLE HEADER ASSEMBLY CHARTED SALES DRAWING		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY BCOURIM		DATE 01/12/07		APPROVED BY GMEYER		
		MATERIAL NO. SEE CHART		DATE 01/12/07		DOCUMENT NO. SD-31197-003		SHEET NO. 4 OF 8
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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BILL OF MATERIALS						
FEMALE MATING ASSEMBLY	HEADER ASSEMBLY P/N PER DWG. PK-31300-577 (TRAY PKG)	DESCRIPTION	COLOR	DIM 'A'	DIM 'B'	DIM 'C'
31067-1010	31100-0030 NOT TOOLED	3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'A'	BLACK	11.69	10.33	12.14
31067-1011	31100-0031 NOT TOOLED	3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'B'	GRAY	11.69	10.33	12.14
31067-1012	31100-0032 NOT TOOLED	3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'C'	BROWN	11.69	10.33	12.14
31068-1010	31100-0040	4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'A'	BLACK	14.23	12.87	14.68
31068-1011	31100-0041	4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'B'	GRAY	14.23	12.87	14.68
31068-1012	31100-0042	4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION 'C'	BROWN	14.23	12.87	14.68

<b>ENTER DESCRIPTION</b> EC NO: UAU2016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APP: BRAUMAN APPR: BRAUMAN 2016/06/09 REV: 1	<b>QUALITY SYMBOLS</b> = 0 = 0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY		<b>SCALE</b> METRIC	<b>THIRD ANGLE PROJECTION</b>
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY: MDEVITO DATE: 01/12/06	<b>TITLE</b> RIGHT ANGLE HEADER ASSEMBLY CHARTED SALES DRAWING  <b>MOLEX INCORPORATED</b>	
		3 PLACES ± --- ± ---			CHECKED BY: BCOURIM DATE: 01/12/07		
		2 PLACES ± 0.13 ± ---			APPROVED BY: GMEYER DATE: 01/12/07		
1 PLACE ± 0.25 ± ---			MATERIAL NO. SEE CHART DOCUMENT NO. SD-31197-003 SHEET NO. 5 OF 8				
ANGULAR ± 1/2°		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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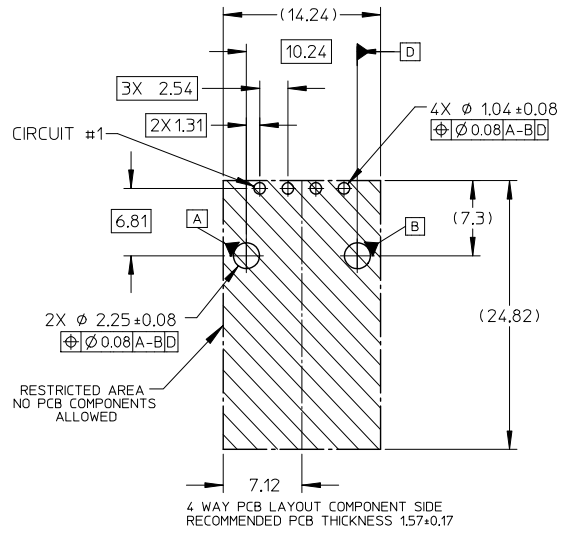
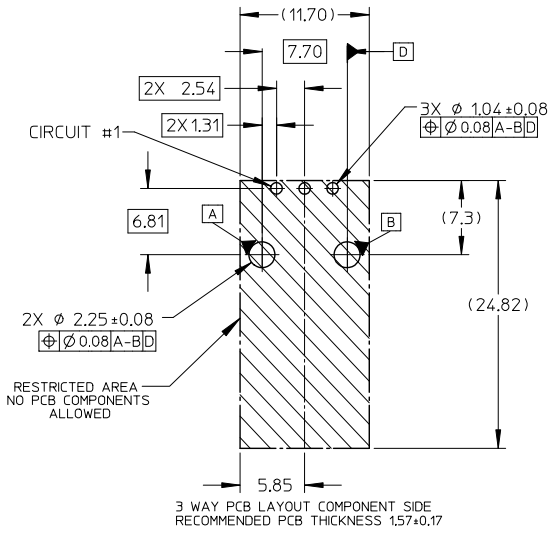
BILL OF MATERIALS						
FEMALE MATING ASSEMBLY	HEADER ASSEMBLY P/N PER DWG. PK-31300-577 (TRAY PKG)	DESCRIPTION	COLOR	DIM 'A'	DIM 'B'	DIM 'C'
31072-1010	31100-0050 NOT TOOLED	5 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "A"	BLACK	16.77	15.41	17.22
31072-1011	31100-0051 NOT TOOLED	5 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "B"	GRAY	16.77	15.41	17.22
31072-1012	31100-0052 NOT TOOLED	5 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "C"	BROWN	16.77	15.41	17.22
31073-1010	31100-0060 NOT TOOLED	6 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "A"	BLACK	19.31	17.95	19.76
31073-1011	31100-0061 NOT TOOLED	6 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "B"	GRAY	19.31	17.95	19.76
31073-1012	31100-0062 NOT TOOLED	6 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "C"	BROWN	19.31	17.95	19.76

ENTER DESCRIPTION EIC NO: UAU2016-1900 DRAWN: FISCHER01 2016/05/18 CHKD: APPR:BAUMAN 2016/06/09 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0004</td> </tr> <tr> <td>3 PLACES</td> <td>± .008</td> <td>± .0003</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .005	± .0004	3 PLACES	± .008	± .0003	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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APPROVED BY GMEYER	DATE 01/12/07	Molex MOLEX INCORPORATED																			
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31197-003	SHEET NO. 6 OF 8																			

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RECOMMENDED PCB LAYOUT



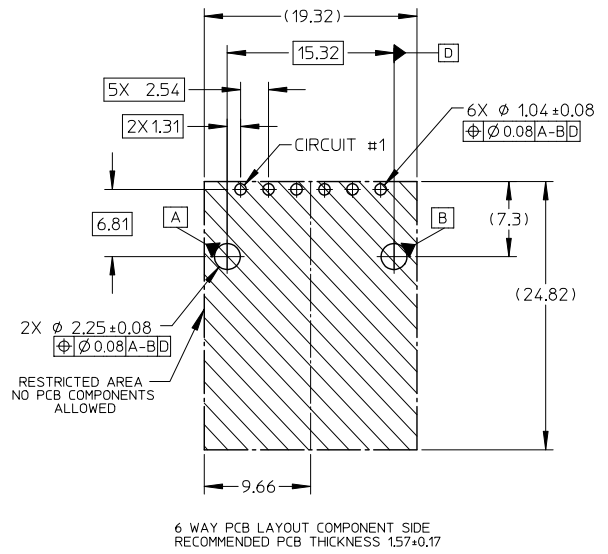
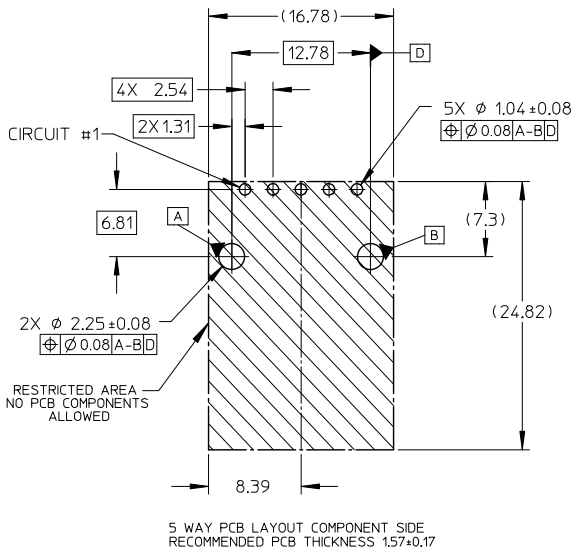
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	▽=0		MM ONLY	1:1	METRIC	☉	
	▽=0		DRAWN BY	DATE	TITLE		
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	CHECKED BY	DATE	MOLEX INCORPORATED				
	BCOURIM	01/12/07	SD-31197-003				
	APPROVED BY	DATE	SHEET NO. 7 OF 8				
	GMEYER	01/12/07	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	MATERIAL NO.	DOCUMENT NO.					
	SEE CHART						

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RECOMMENDED PCB LAYOUT



<b>ENTER DESCRIPTION</b> E.C. NO: UAU2016-1900 DRAWN: FISHER01 2016/05/18 CHKD: APPR:BAJMAN 2016/06/09 REV: 1	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .13</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .15</td> <td>± .006</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .13	± .005	3 PLACES	± .15	± .006	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	<b>DIMENSION STYLE</b> MM ONLY	<b>SCALE</b> DESIGN UNITS METRIC	<b>THIRD ANGLE PROJECTION</b>
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		<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>	<b>MATERIAL NO.</b> SEE CHART	<b>DOCUMENT NO.</b> SD-31197-003	<b>SHEET NO.</b> 8 OF 8															
			<b>SIZE</b> B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																

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