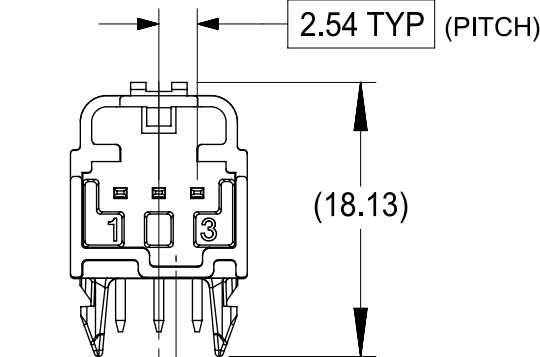
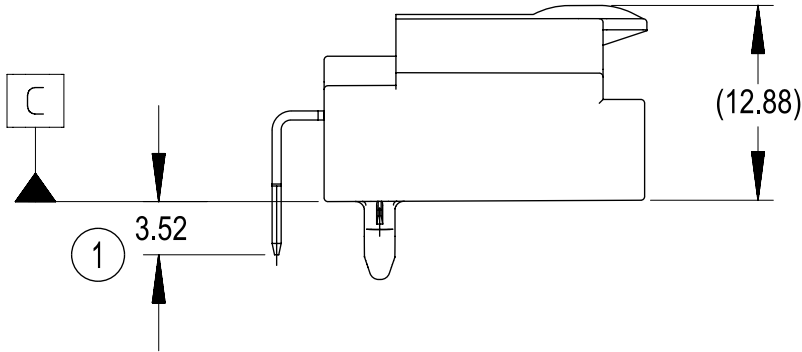
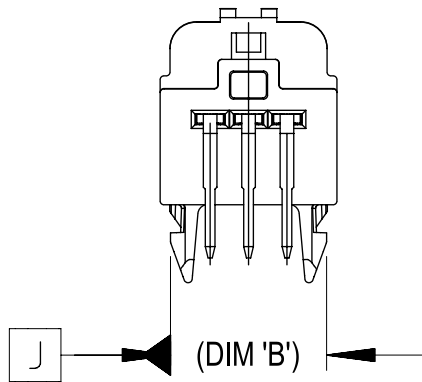
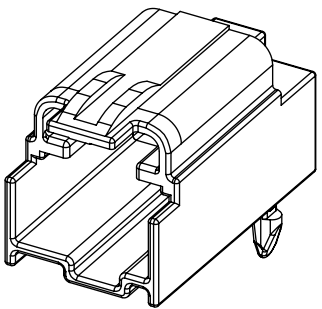
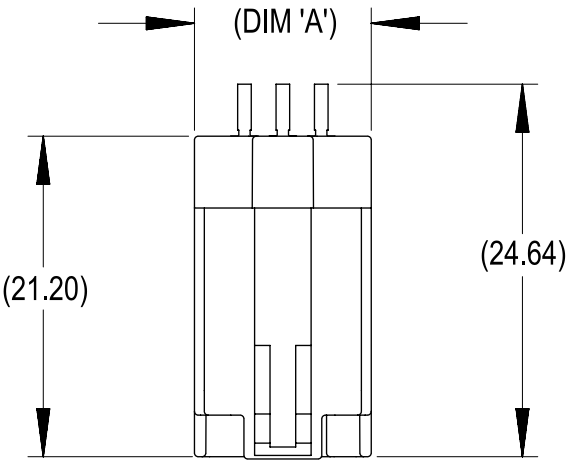
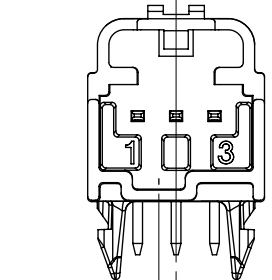


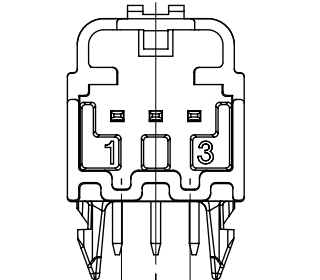
3 WAY RIGHT ANGLE
HEADER ASSEMBLY
(POLARIZATION OPTIONS
VIEWED FROM MATE SIDE)



OPTION "A"

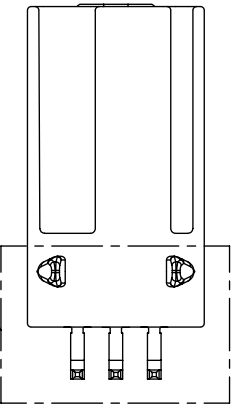


OPTION "B"



OPTION "C"

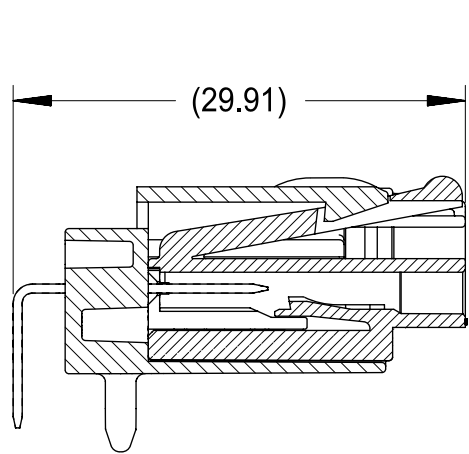
SEE DETAIL1



NOTES:

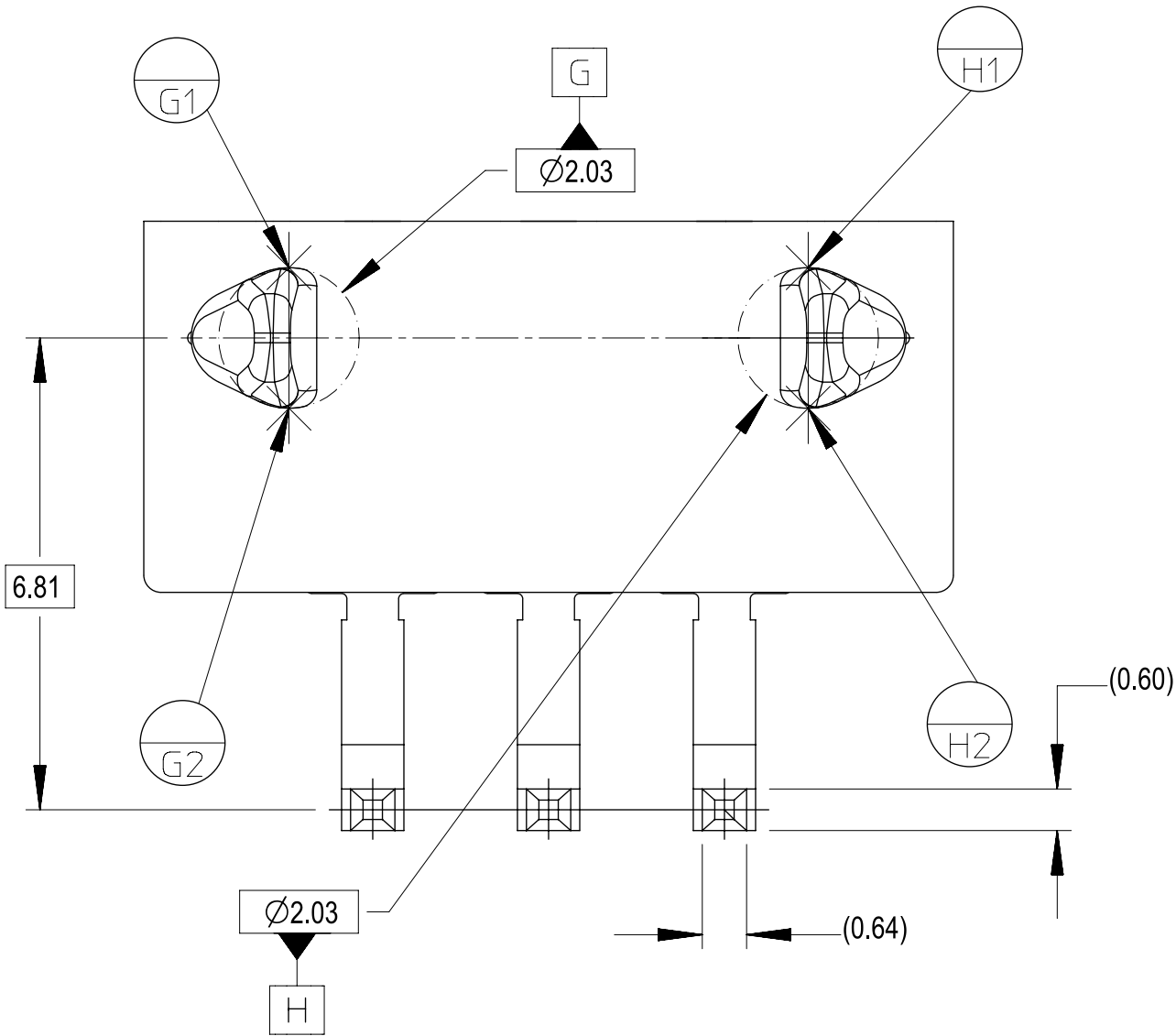
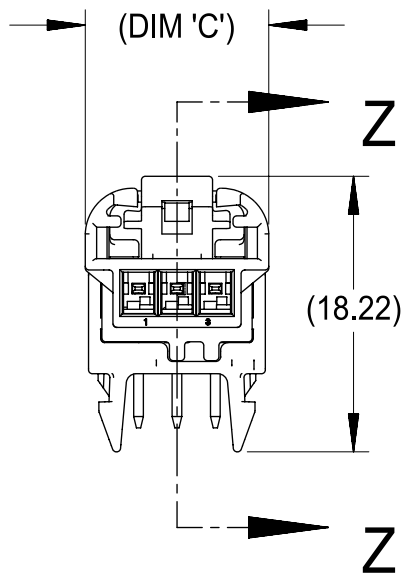
1. MATERIAL:
HOUSING: SYNDIOTATIC POLYSTRENE (SPS).
COLOR: SEE CHART.
TERMINAL: BRASS.
2. FINISH:
TERMINAL: 60 MICROINCHES MIN NICKEL (Ni)
UNDERPLATE OVERALL. 60 MICROINCHES MIN
SELECTIVE TIN (Sn).
3. PRODUCT SPEC NUMBER PS-31100-0001.
4. PACKAGING PER PACKAGING SPEC.: SEE CHART.
5. MATES WITH SEE CHART.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
FUNCTIONAL SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN					molex									
		MM		1:1																
A = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				RIGHT ANGLE HEADER ASSEMBLY CHARTED														
E = 0																				
F = 0		ANGULAR TOL ± 0.5°				PRODUCT CUSTOMER DRAWING														
DIVISIONAL SYMBOLS		4 PLACES		±											DOCUMENT NUMBER					
		3 PLACES		±		SD-31197-003						PSD		001						
		2 PLACES		± 0.130												STATUS: Production				
		1 PLACE		± 0.25		DRWN: Sien Li 2024-08-02														
		0 PLACES		±								CHK'D: Elvis Song 2024-08-02								
				APPR: Elvis Song 2024-08-02																
										THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										



SECTION Z-Z
SCALE 2:1

FULLY SEATED ASSEMBLY



DETAIL1
SCALE 10:1

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN			molex RIGHT ANGLE HEADER ASSEMBLY CHARTED				
	MM		1:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)											
	ANGULAR TOL ± 0.5°											
	4 PLACES		±									
	3 PLACES		±					PRODUCT CUSTOMER DRAWING				
	2 PLACES		± 0.130									
	1 PLACE		± 0.25									
	0 PLACES		±									
DIVISIONAL SYMBOLS		STATUS: Production						2024-08-02		DOCUMENT NUMBER		DOC TYPE
		DRWN: Sien Li			2024-08-02		SD-31197-003		PSD	001	G	
		CHK'D: Elvis Song			2024-08-02							
		APPR: Elvis Song										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					B-SIZE	31197	SEE BOM TABLE		GENERAL MARKET		2 OF 8	

molex

RIGHT ANGLE HEADER
ASSEMBLY CHARTED

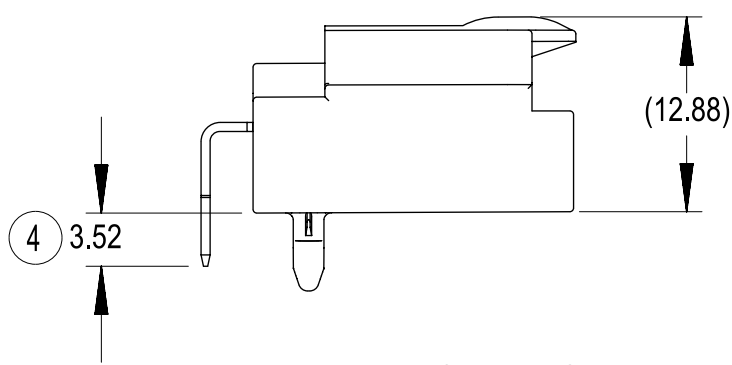
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-31197-003	PSD	001	G

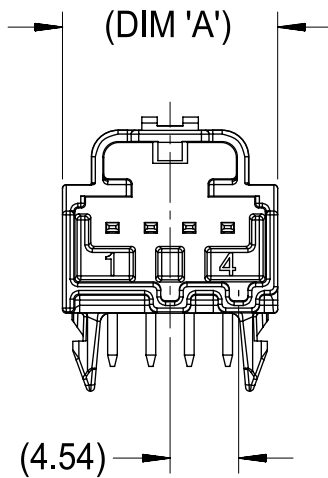
10 9 8 7 6 5 4 3 2 1

F

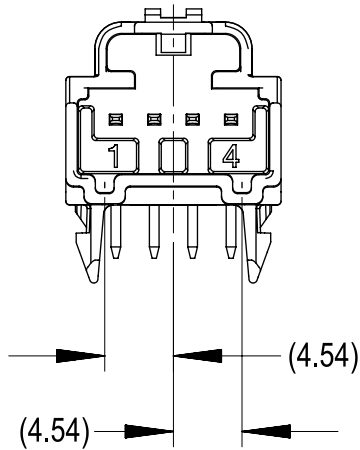
F



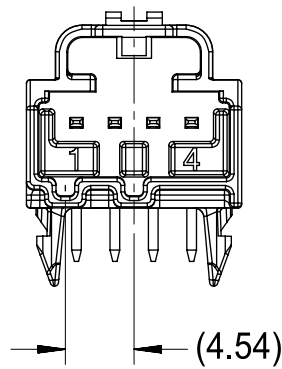
4 WAY RIGHT ANGLE
HEADER ASSEMBLY
(POLARIZATION OPTIONS
VIEWED FROM MATE SIDE)



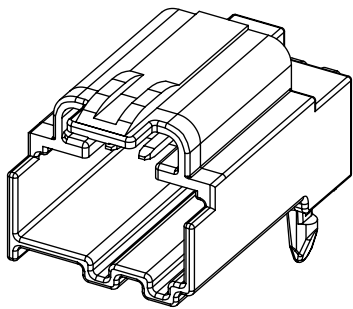
OPTION "A"



OPTION "B"



OPTION "C"

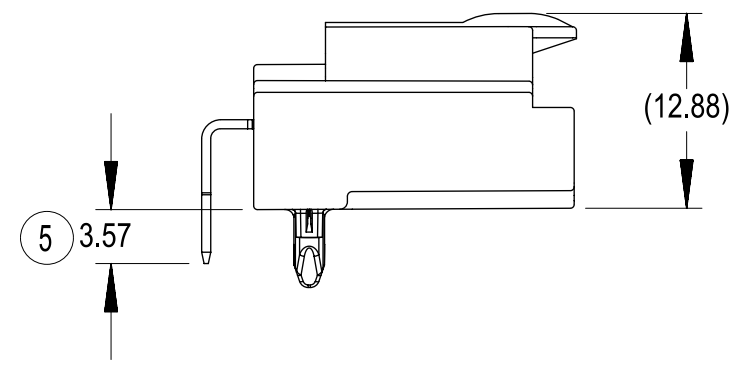


E

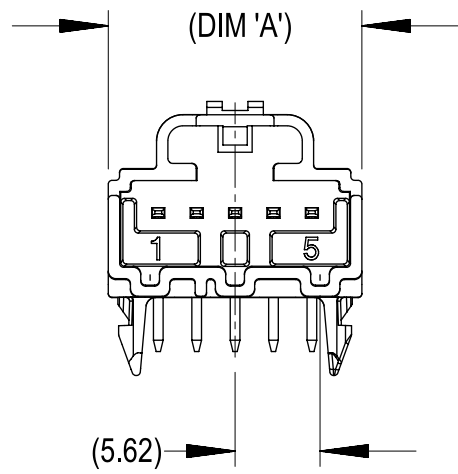
E

D

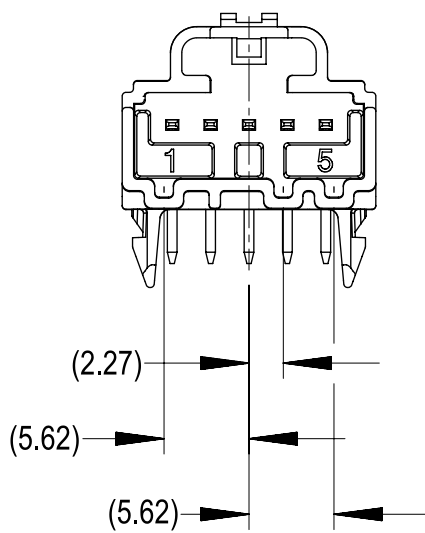
D



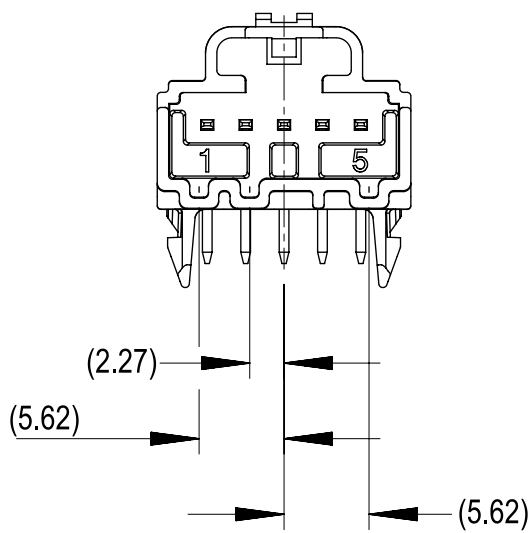
5 WAY RIGHT ANGLE
HEADER ASSEMBLY
(POLARIZATION OPTIONS
VIEWED FROM MATE SIDE)



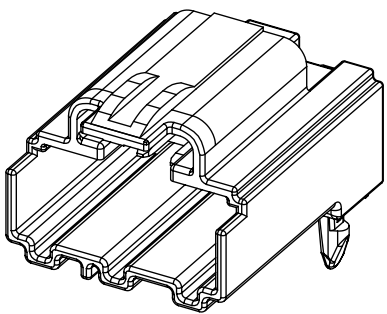
OPTION "A"



OPTION "B"



OPTION "C"



B

B

A

A

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN			molex RIGHT ANGLE HEADER ASSEMBLY CHARTED					
	MM		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 0.5°												
4 PLACES		±											
DIVISIONAL SYMBOLS	3 PLACES		±		STATUS: Production DRWN: Sien Li 2024-08-02 CHK'D: Elvis Song 2024-08-02 APPR: Elvis Song 2024-08-02			PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-31197-003 DOC TYPE PSD DOC PART 001 REVISION G					
	2 PLACES		± 0.130										
	1 PLACE		± 0.25										
	0 PLACES		±										
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES
				B-SIZE		31197		SEE BOM TABLE		GENERAL MARKET		3 OF 8	

10 9 8 7 6 5 4 3 2 1

10987654321

F

F

E

E

D

D

C

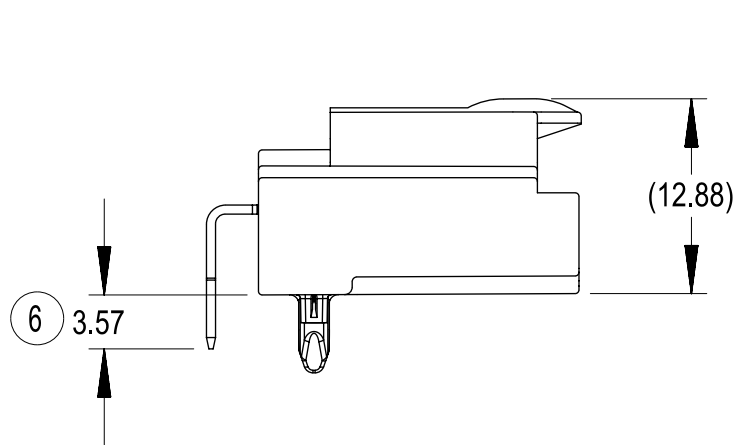
C

B

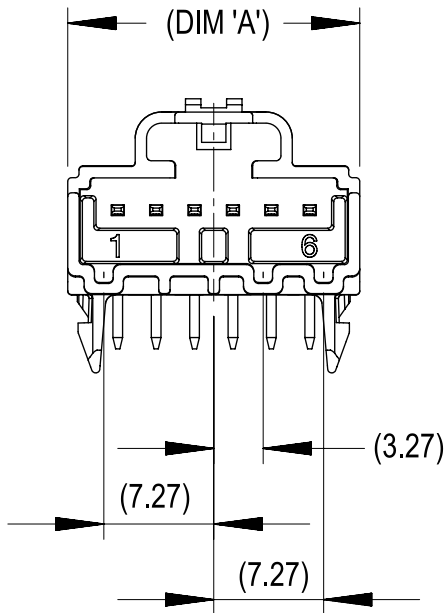
B

A

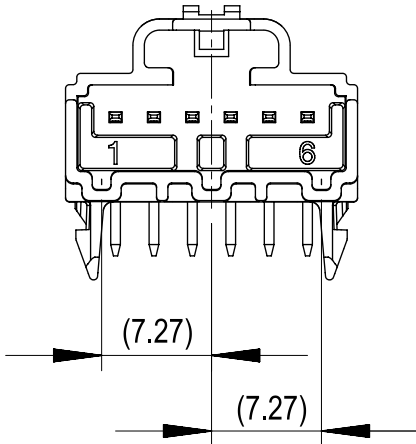
A



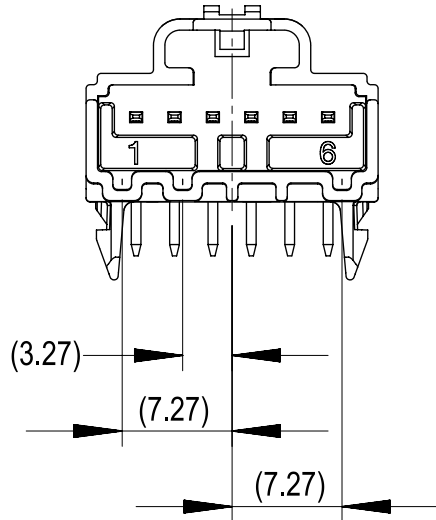
6 WAY RIGHT ANGLE
HEADER ASSEMBLY
(POLARIZATION OPTIONS
VIEWED FROM MATE SIDE)



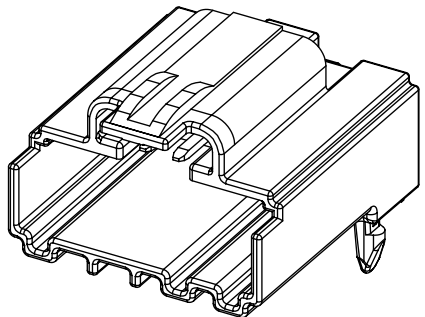
OPTION "A"

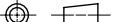


OPTION "B"



OPTION "C"

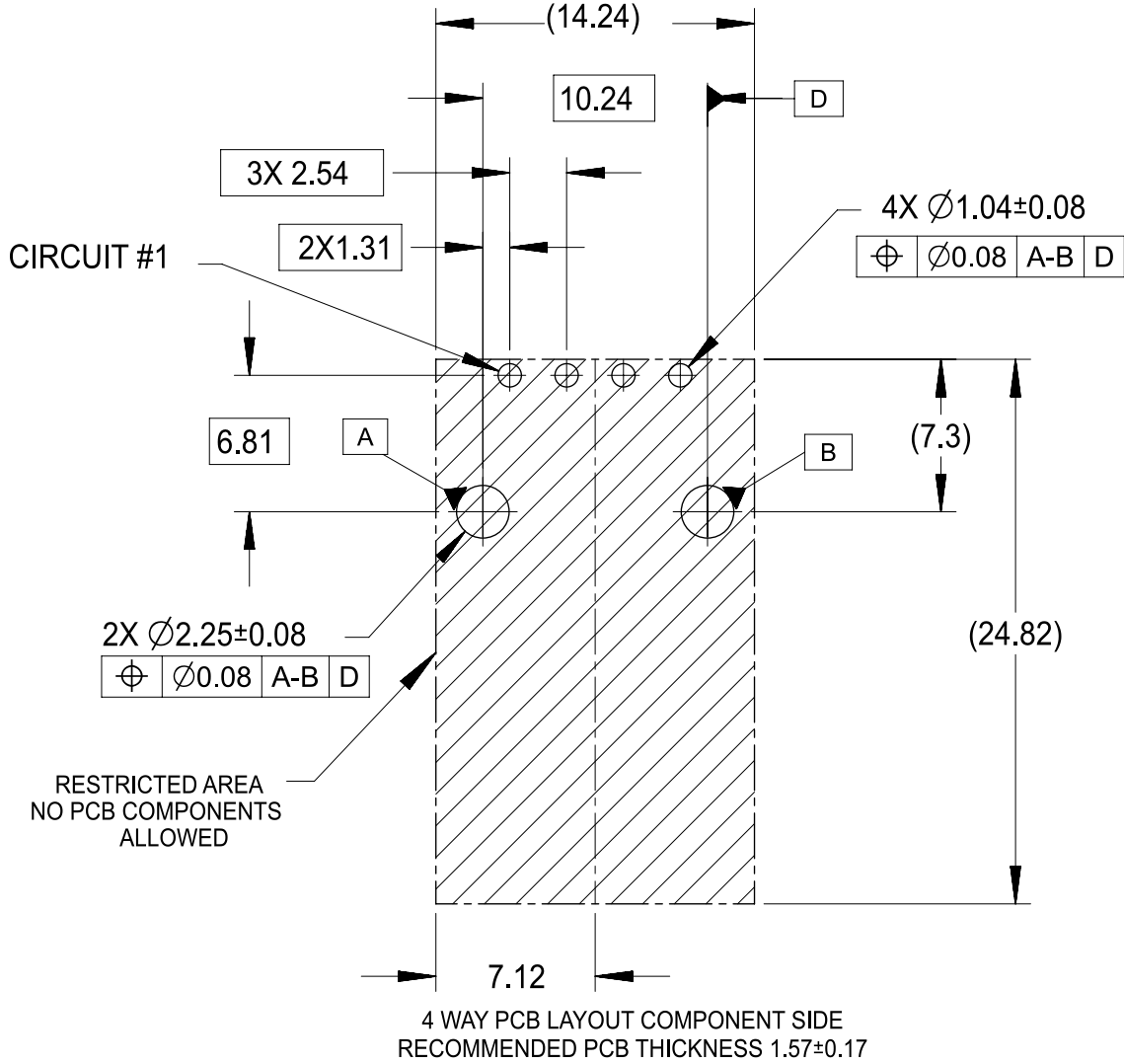
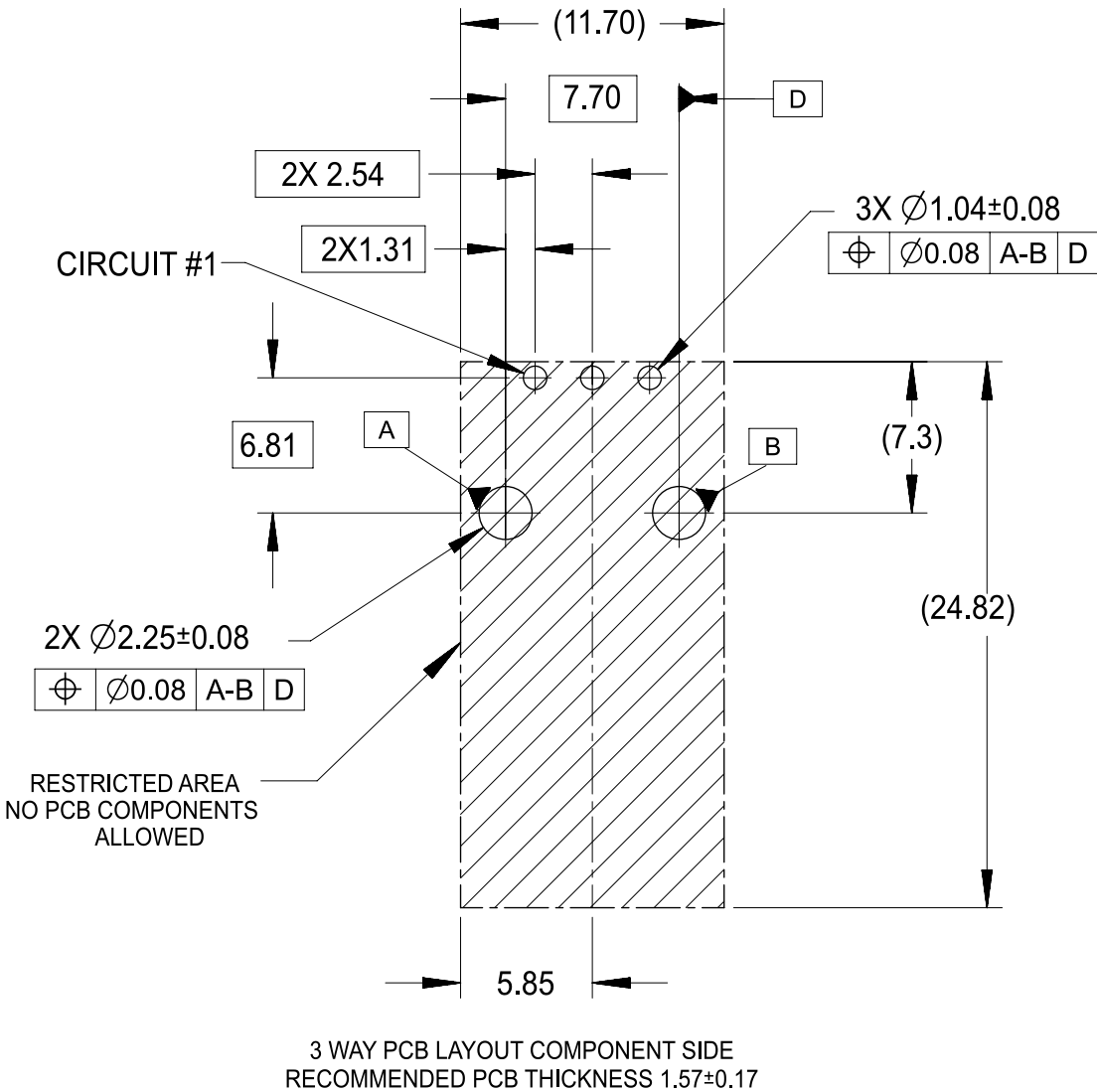


FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN			molex							
	MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 0.5°							RIGHT ANGLE HEADER ASSEMBLY CHARTED							
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES ± 0.130							PRODUCT CUSTOMER DRAWING							
	1 PLACE ± 0.25														
	0 PLACES ±														
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
			B-SIZE		31197		SEE BOM TABLE		GENERAL MARKET		SD-31197-003		PSD	001	G

10987654321

	10	9	8	7	6	5	4	3	2	1																																																														
F											F																																																													
E											E																																																													
D											D																																																													
C											C																																																													
B											B																																																													
A											A																																																													
<table><tr><th colspan="7">BILL OF MATERIALS</th></tr><tr><th>FEMALE MATING ASSEMBLY</th><th>HEADER ASSEMBLY P/N PER DWG. PK-31300-577 (TRAY PKG)</th><th>DESCRIPTION</th><th>COLOR</th><th>DIM 'A'</th><th>DIM 'B'</th><th>DIM 'C'</th></tr><tr><td>31067-1010</td><td>31100-0030 NOT TOOLED</td><td>3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "A"</td><td>BLACK</td><td>11.69</td><td>10.33</td><td>12.14</td></tr><tr><td>31067-1011</td><td>31100-0031 NOT TOOLED</td><td>3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "B"</td><td>GRAY</td><td>11.69</td><td>10.33</td><td>12.14</td></tr><tr><td>31067-1012</td><td>31100-0032 NOT TOOLED</td><td>3 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "C"</td><td>BROWN</td><td>11.69</td><td>10.33</td><td>12.14</td></tr><tr><td>31068-1010</td><td>31100-0040</td><td>4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "A"</td><td>BLACK</td><td>14.23</td><td>12.87</td><td>14.68</td></tr><tr><td>31068-1011</td><td>31100-0041</td><td>4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "B"</td><td>GRAY</td><td>14.23</td><td>12.87</td><td>14.68</td></tr><tr><td>31068-1012</td><td>31100-0042</td><td>4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "C"</td><td>BROWN</td><td>14.23</td><td>12.87</td><td>14.68</td></tr></table>												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					
BILL OF MATERIALS																																																																								
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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																																																																		
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31068-1012	31100-0042	4 WAY RIGHT ANGLE HEADER ASSEMBLY POLARIZATION "C"	BROWN	14.23	12.87	14.68																																																																		
<table><tr><td rowspan="7">FUNCTIONAL SYMBOLS A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS </td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td><td colspan="2" rowspan="4">CURRENT REV DESC: REDRAWN</td><td colspan="2" rowspan="4"> molex RIGHT ANGLE HEADER ASSEMBLY CHARTED </td></tr><tr><td>DIMENSION UNITS</td><td>SCALE</td></tr><tr><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td colspan="2">ANGULAR TOL ± 0.5°</td></tr><tr><td colspan="2">4 PLACES ±</td><td rowspan="4">STATUS: Production DRWN: Sien Li CHK'D: Elvis Song APPR: Elvis Song</td><td rowspan="4">2024-08-02 2024-08-02 2024-08-02</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">3 PLACES ±</td><td colspan="2">SD-31197-003</td><td>PSD</td><td>001</td><td>G</td></tr><tr><td colspan="2">2 PLACES ± 0.130</td><td colspan="2">SEE BOM TABLE</td><td colspan="2">GENERAL MARKET</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">1 PLACE ± 0.25</td><td colspan="2"></td><td colspan="2"></td><td>5 OF 8</td></tr><tr><td colspan="2">0 PLACES ±</td><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td><td></td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2"></td><td>B-SIZE</td><td>31197</td><td></td><td></td><td></td></tr></table>												FUNCTIONAL SYMBOLS A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REDRAWN		molex RIGHT ANGLE HEADER ASSEMBLY CHARTED		DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 0.5°		4 PLACES ±		STATUS: Production DRWN: Sien Li CHK'D: Elvis Song APPR: Elvis Song	2024-08-02 2024-08-02 2024-08-02	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	3 PLACES ±		SD-31197-003		PSD	001	G	2 PLACES ± 0.130		SEE BOM TABLE		GENERAL MARKET		SHEET NUMBER	1 PLACE ± 0.25						5 OF 8	0 PLACES ±		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				B-SIZE	31197			
FUNCTIONAL SYMBOLS A = 0 E = 0 P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REDRAWN		molex RIGHT ANGLE HEADER ASSEMBLY CHARTED																																																																			
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	10	9	8	7	6	5	4	3	2	1																																																														

RECOMMENDED PCB LAYOUT



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN					molex					
	MM		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)									RIGHT ANGLE HEADER ASSEMBLY CHARTED					
	ANGULAR TOL ± 0.5°														
DIVISIONAL SYMBOLS	4 PLACES		±		STATUS: Production DRWN: Sien Li CHK'D: Elvis Song APPR: Elvis Song					PRODUCT CUSTOMER DRAWING					
	3 PLACES		±												
	2 PLACES		± 0.130							DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
	1 PLACE		± 0.25							SD-31197-003			PSD	001	G
	0 PLACES		±							2024-08-02			2024-08-02		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		31197		SEE BOM TABLE		GENERAL MARKET		7 OF 8	

