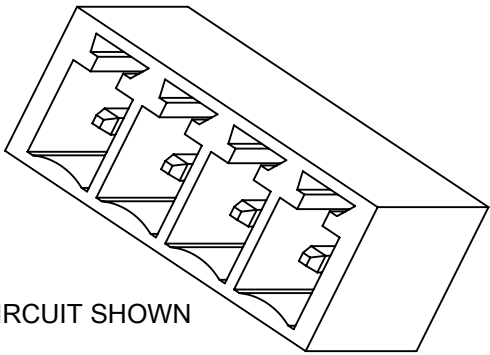
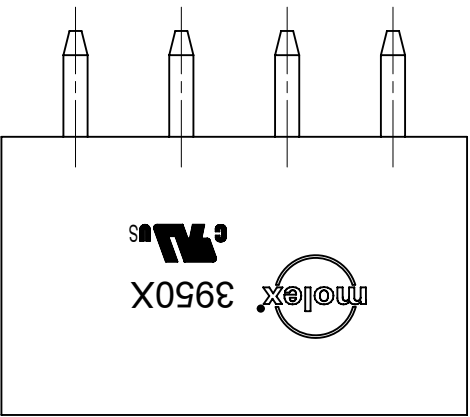
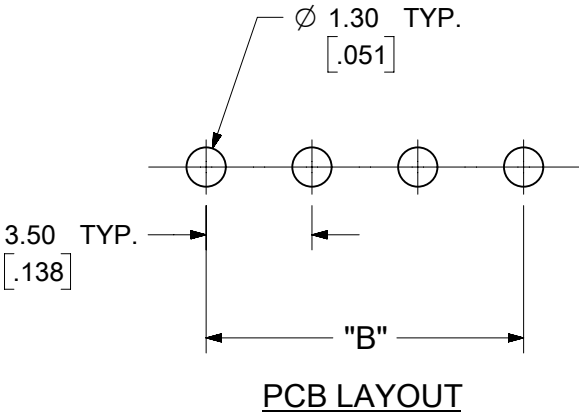
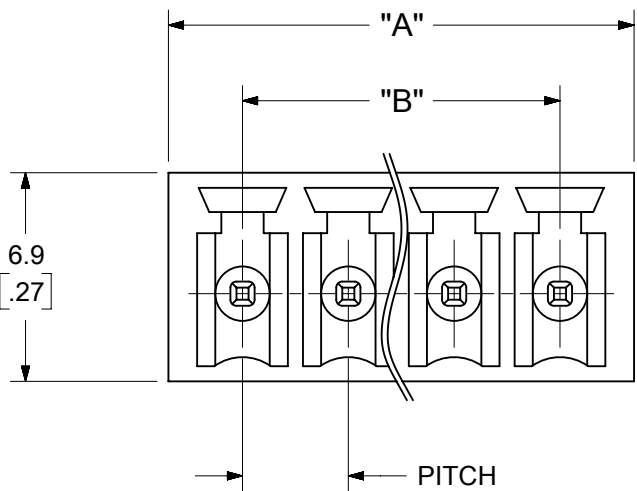
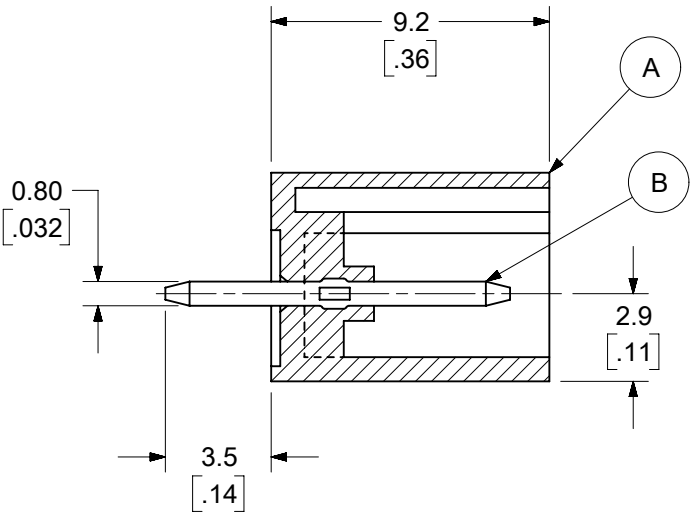




4 CIRCUIT SHOWN



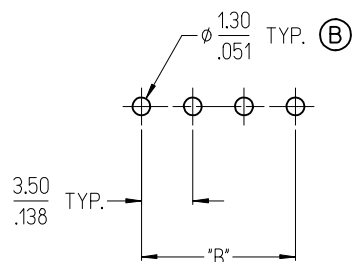
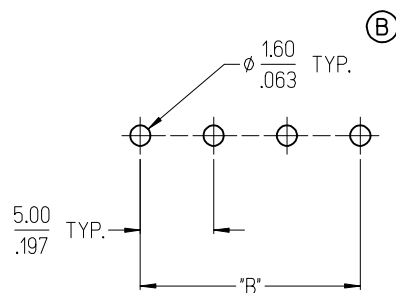
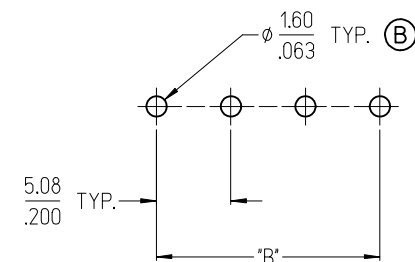
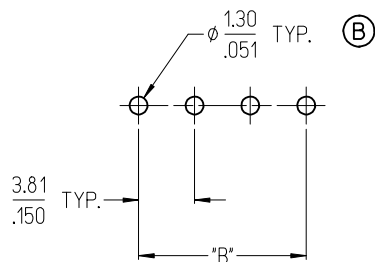
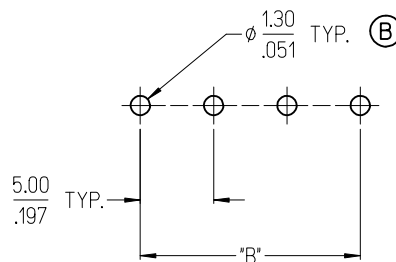
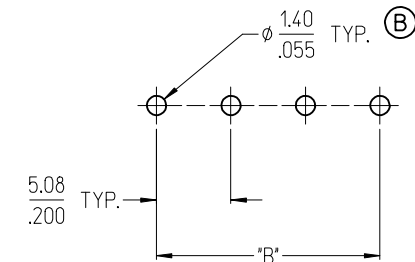
SPECIFICATIONS:

- MATERIAL:
 - A. BODY: PA66
 - B. TERMINAL: BRASS
- WIRE RANGE: N/A
- ELECTRICAL RATING: 300V, 8A.
- MAX TORQUE: N/A.
- WIRE STRIP LENGTH: N/A.
- OPERATING TEMPERATURE: -40°C to +105°C.
- A = (N x P) + 1.4MM
- B = (N - 1) x P
- P (PITCH) = 3.5MM (.138").
- N = NUMBER OF POSITIONS AVAILABLE 2 THROUGH 20.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

PRE-RELEASE
REFERENCE
USE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATION TO ECTR/NX				molex 3.5MM, EURO HEADER VERTICAL, CLOSED END					
A = 0		MM/INCH		4:1		EC NO: 619929 DRWN: ABENJAMINLW 2019/06/10 CHK'D: DACHAMMER 2019/07/01 APPR:									
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)													
F = 0															
S = 0		4 PLACES		±		±	PRODUCT CUSTOMER DRAWING								
T = 0		3 PLACES		±		±					SEE CHART				
V = 0		2 PLACES		±	SEE CHART	±					SEE CHART				
W = 0		1 PLACE		±	SEE CHART	±	INITIAL REVISION:								
X = 0		0 PLACES		±		±	DRWN: LROTHAUS 2006/01/09		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION	
Y = 0		ANGULAR TOL		±			APPR: JPAWLICK 2006/01/10		SD-39501-001			PSD	001	B2	
Z = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
AA = 0								B-SIZE	39501	SEE SHEET-2		GENERAL MARKET		1 OF 2	

3950X SERIES
3.50mm HEADERS3952X & 3954X SERIES
5.00mm HEADERS
5.00mm FIXED3953X SERIES
5.08mm HEADERS3951X SERIES
3.81mm HEADERS3954X SERIES
5.00mm FIXED3954X SERIES
5.08mm FIXED

NOTES:

1. REFER TO INDIVIDUAL PRODUCT SALES DRAWINGS FOR "B" DIMENSION.
2. DOES NOT APPLY TO DUAL LEVEL HEADERS, SERIES 39528 AND 39538.
3. TYP. = TYPICAL.

TOLERANCES			
MM	TOL	INCH	TOL
0-6	±0.25	0-.24	±.010
>6-30	±0.40	.24-1.18	±.016
>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

REVISED DOC TOL

EC NO: IFC2017-0881

DRAWN: VASUTHKARP 2017/03/23

CHKD: CHKD: 2017/04/18

APPR: BRUPERT

DESCRIPTION

QUALITY
SYMBOLS
▽=0
▽=0GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM/IN

DRAWN BY	DATE
C. YORK	2006/08/25
CHECKED BY	DATE
J. MACNEIL	2006/08/25
APPROVED BY	DATE
J. MACNEIL	2006/08/25
MATERIAL NO.	

SIZE
B

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SCALE

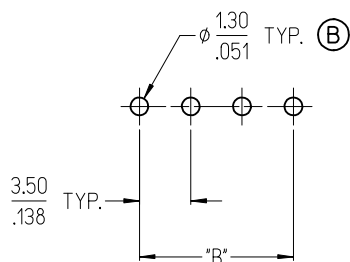
DESIGN UNITS
INCHTHIRD ANGLE
PROJECTIONRECOMMENDED PCB LAYOUT
FOR ESE TERMINAL BLOCKS

molex MOLEX INCORPORATED

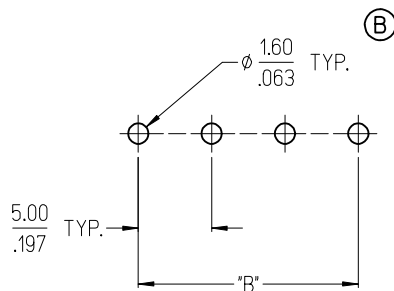
DOCUMENT NO.
SD-39501-002SHEET NO.
1 OF 1

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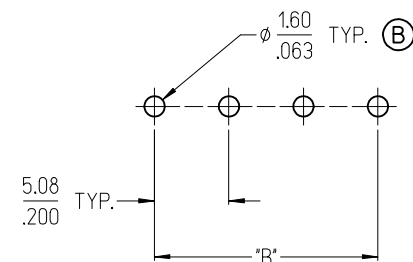
3950X SERIES 3.50mm HEADERS



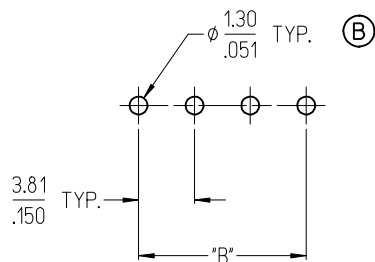
3952X & 3954X SERIES 5.00mm HEADERS 5.00mm FIXED



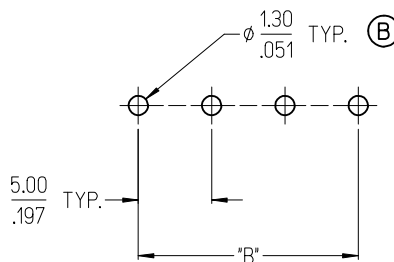
3953X SERIES 5.08mm HEADERS



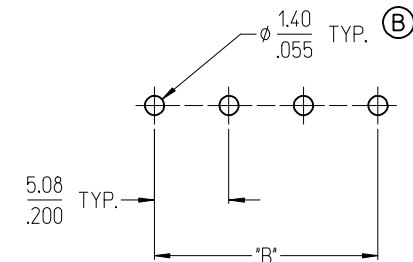
3951X SERIES 3.81mm HEADERS



3954X SERIES 5.00mm FIXED



3954X SERIES 5.08mm FIXED



NOTES:

- REFER TO INDIVIDUAL PRODUCT SALES DRAWINGS FOR "B" DIMENSION.
- DOES NOT APPLY TO DUAL LEVEL HEADERS, SERIES 39528 AND 39538.
- TYP. = TYPICAL.

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>30-120	±0.50	1.18-4.76	±.020
>120	±0.80	>4.76	±.031

REVISED DOC TOL

EC NO: IFC2017-0881

DRWING:VBAUTHKARP 2017/03/23

CHKD: APPR:BRUPERT 2017/04/18

B1

QUALITY SYMBOLS



GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR	±---°	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM/IN	DATE
DRAWN BY	C. YORK
CHECKED BY	J. MACNEIL
APPROVED BY	J. MACNEIL
MATERIAL NO.	--

SCALE

DESIGN UNITS

THIRD ANGLE PROJECTION

RECOMMENDED PCB LAYOUT
FOR ESE TERMINAL BLOCKS



MOLEX INCORPORATED

DOCUMENT NO.
SD-39501-002

SHEET NO.
1 OF 1

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