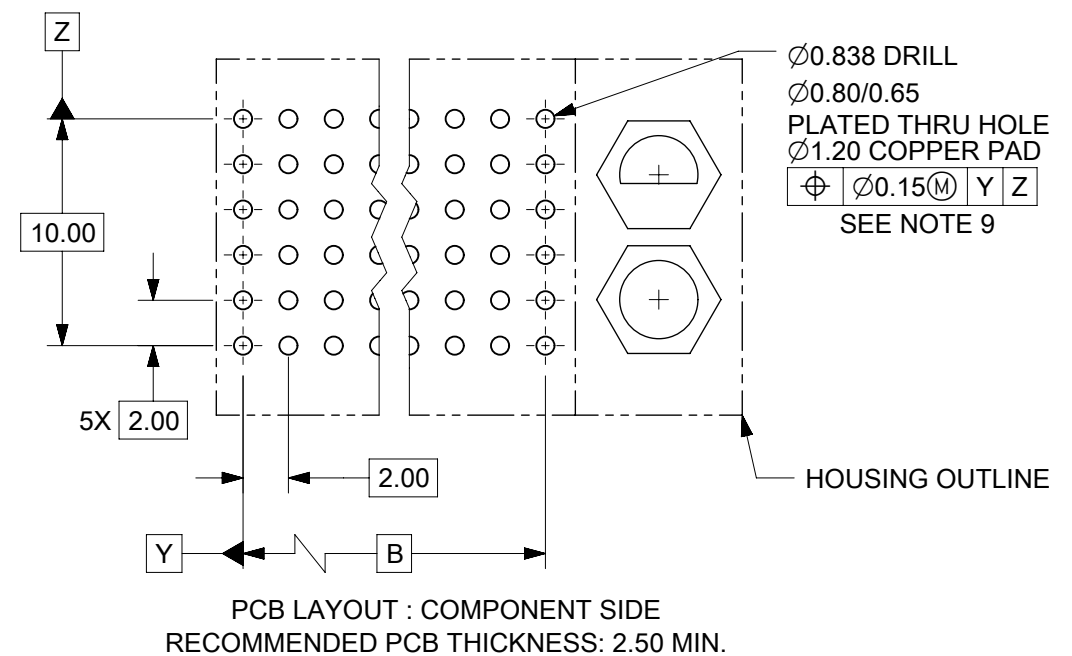
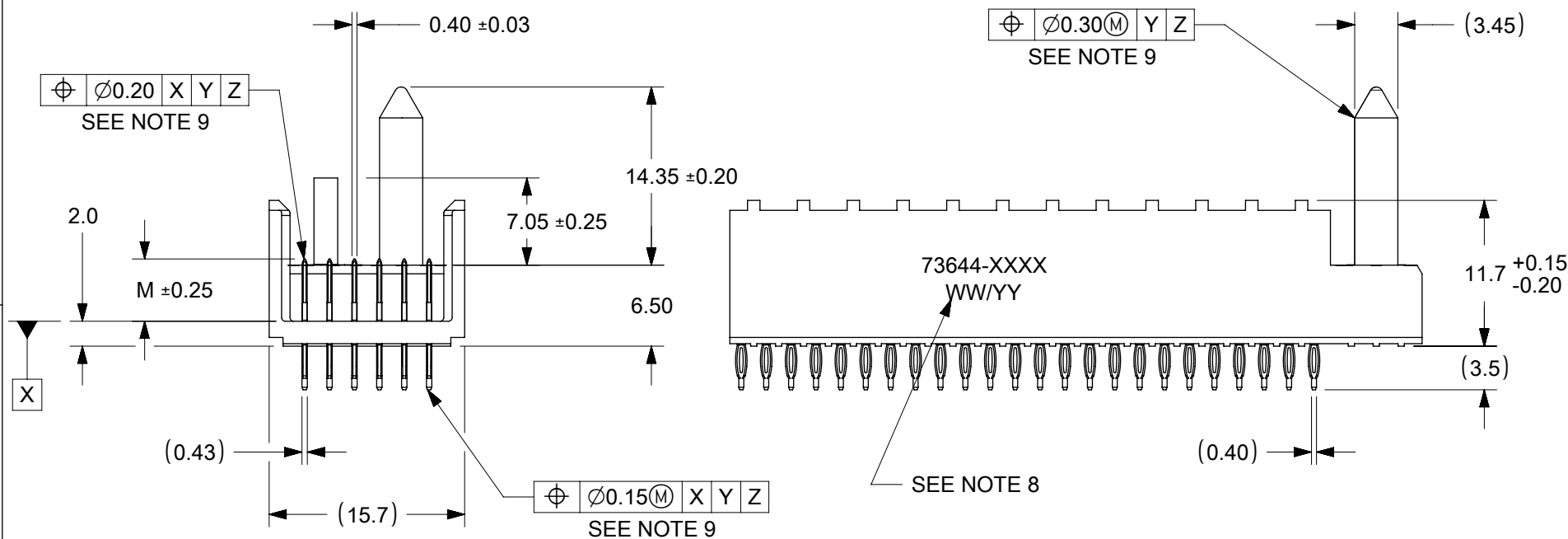
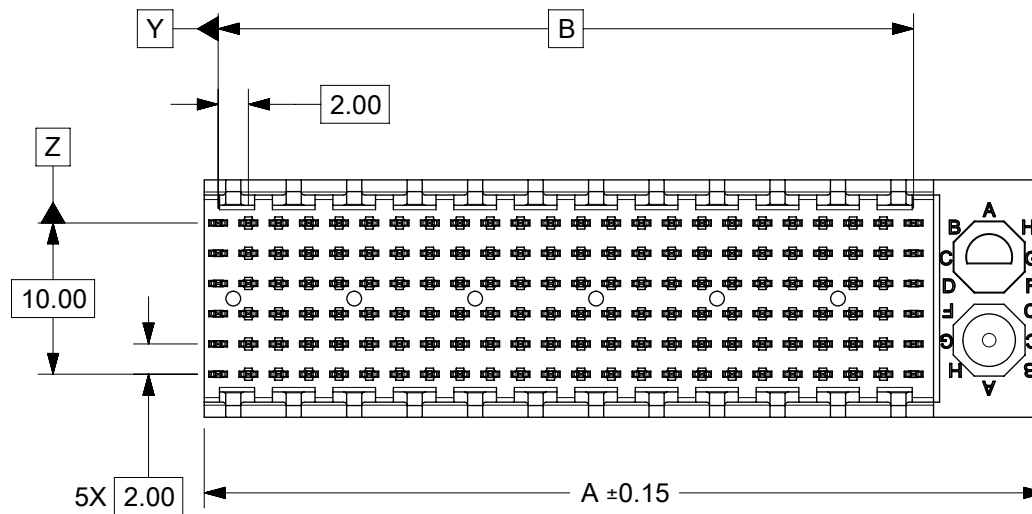
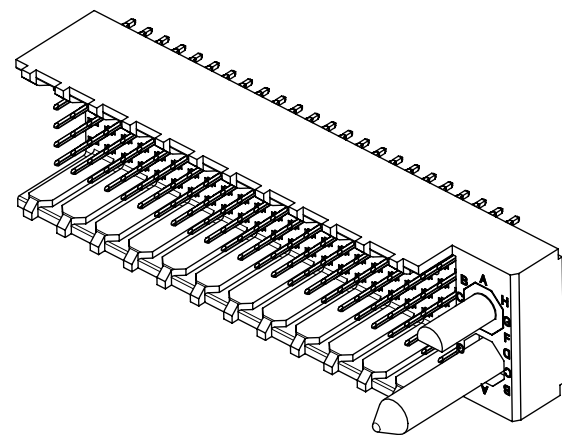




NOTES:

1. MATERIALS : HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL 94V-0, COLOR: BLACK
TERMINAL - PHOSPHOR BRONZE.
2. FINISH: SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS,
NICKEL (Ni) AND GOLD FLASH OVERALL.
SELECTIVE GOLD (Au) IN CONTACT AREA, 0.76 MICROMETERS MINIMUM THICKNESS,
SELECTIVE MATTE TIN (Sn) ON IN TAIL AREA.
NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-73670-9999.
4. FOR MIXED CONTACT MATING LENGTHS, CONSULT FACTORY FOR AVAILABILITY.
5. DIMENSIONS ARE IN MILLIMETERS.
6. FOR SPECIFIC MATERIAL NUMBERS, SEE SHEET 2.
7. PACKAGE PER PK-70873-0818.
8. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE,
APPROXIMATELY WHERE SHOWN.
9. POSITION TOLERANCE ARE INSPECTED BY GAUGE 737270006 OR 737270011.

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: SEE REVISION TABLE ON SHEET 3			molex								
	mm		2:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)							SALES ASSEMBLY, HDM BACKPLANE MODULE POLAR/GUIDE OPTION								
ANGULAR TOL ± 0.5°																
4 PLACES		±		PRODUCT CUSTOMER DRAWING												
3 PLACES		±					DOCUMENT NUMBER SDA-73644-XXXX									
2 PLACES		± 0.05								DOC TYPE PSD						
1 PLACE		± 0.1											DOC PART 001			
0 PLACES		±														REVISION L
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
							B-SIZE		73644		SEE TABLE		GENERAL MARKET		1 OF 3	

10	9	8	7	6	5
MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING	DIM "A"	DIM "B"	DIM "M"
73644-00**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	5.00
73644-01**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	5.50
73644-02**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	6.00
73644-10**	144	SELECTIVE GOLD/GOLD FLASH	55.60	46.00	5.00
73644-11**	144	SELECTIVE GOLD/GOLD FLASH	55.60	46.00	5.50
73644-12**	144	SELECTIVE GOLD/GOLD FLASH	55.60	46.00	6.00
73644-20**	72	SELECTIVE GOLD/SELECTIVE MATTE TIN	31.60	22.00	5.00
73644-21**	72	SELECTIVE GOLD/SELECTIVE MATTE TIN	31.60	22.00	5.50
73644-22**	72	SELECTIVE GOLD/SELECTIVE MATTE TIN	31.60	22.00	6.00
73644-30**	144	SELECTIVE GOLD/SELECTIVE MATTE TIN	55.60	46.00	5.00
73644-31**	144	SELECTIVE GOLD/SELECTIVE MATTE TIN	55.60	46.00	5.50
73644-32**	144	SELECTIVE GOLD/SELECTIVE MATTE TIN	55.60	46.00	6.00

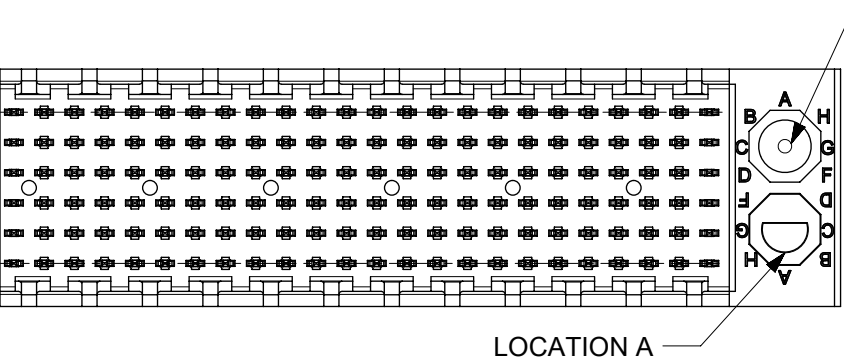
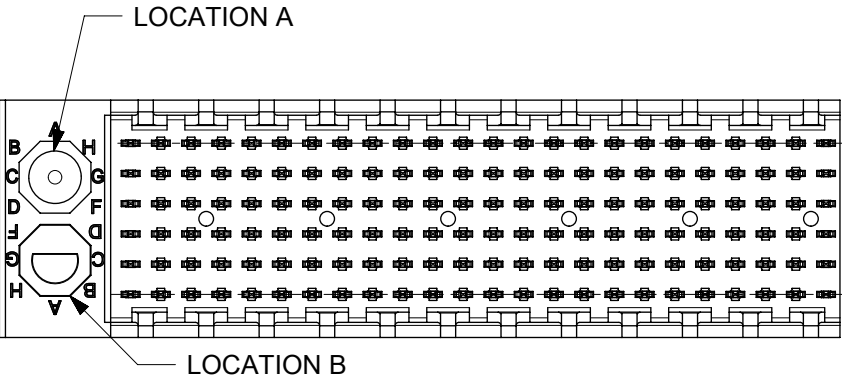
MATERIAL NUMBER ASSIGNMENT

73644 - * * * *

CIRCUIT SIZE
0= 72 CIRCUIT, GOLD/GOLD FLASH
1= 144 CIRCUIT, GOLD/GOLD FLASH
2= 72 CIRCUIT, GOLD/MATTE TIN
3= 144 CIRCUIT, GOLD/MATTE TIN
* FORMERLY TIN/ LEAD

0= 5.00 MATING LENGTH
1= 5.50 MATING LENGTH
2= 6.00 MATING LENGTH

NUMBER	GUIDE POST LOCATION	POLAR KEY POSITION
00	B	A
01	A	
02	B	B
03	A	
04	B	C
05	A	
06	B	D
07	A	
08	B	E
09	A	
10	B	F
11	A	
12	B	G
13	A	
14	B	H
15	A	
16	B	N/A
17	A	
18	N/A	



REF. MATERIAL NUMBER 73644-0009

GUIDE PIN IS IN LOCATION A

POLARIZING KEY IS IN LOCATION B, POSITION E

REF. MATERIAL NUMBER 73644-0008

GUIDE PIN IS IN LOCATION B

POLARIZING KEY IS IN LOCATION A, POSITION E

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: SEE REVISION TABLE ON SHEET 3				molex SALES ASSEMBLY, HDM BACKPLANE MODULE POLAR/GUIDE OPTION				
	mm		2:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 719835 DRWN: KRISHH1 CHK'D: JKACHLIC APPR: JKACHLIC 2022/05/16 2022/09/13 2022/09/13				PRODUCT CUSTOMER DRAWING				
	ANGULAR TOL ± 0.5 °												
	4 PLACES		±										
DIVISIONAL SYMBOLS	3 PLACES		±		INITIAL REVISION: DRWN: RFC_PLMIMP APPR: SREED 2018/11/28 2003/05/15				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES		± 0.05						SDA-73644-XXXX		PSD	001	L
	1 PLACE		± 0.1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
	0 PLACES		±						SEE TABLE		GENERAL MARKET		2 OF 3
					THIRD ANGLE PROJECTION		DRAWING		SERIES				
						B-SIZE		73644					

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/13	08:27:36
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10	9	8	7	6	5	4	3	2	1
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DATE	REV	DESCRIPTION
05/19/2022	L	1. DRAWING MIGRATION. 2. SHEET 1: E07:DIMENSION 0.92 REMOVED BECAUSE DIM 'A' AND DIM 'B' ARE WITH SAME CENTER LINE, SO DIM 0.92 IS NOT REQUIRED. 3. SHEET 1: C09: DIM 0.42 CHANGED TO 0.40±0.03MM, TO FOLLOW ACTUAL COMPONENT DIMENSION. 0.39 4. SHEET 1: D06: TOLERANCE OF DIM 'A' CHANGED TO ±0.15 FROM ±0.10, TO FOLLOW ACTUAL COMPONENT DIMENSION. 5. SHEET 1: C10: DIM 2.00 CHANGED TO DIM 2.0 TO INCREASE THE TOLERANCE TO FOLLOW ACTUAL COMPONENT DIMENSION. 6. SHEET 1: E04: ADDED NOTE 9 FOR POSITION TOLERANCE MEASUREMENT. 7. SHEET 1: E08, E07, C04, B03 : REMOVED BRACKET FROM THE BASIC DIMENSION [10.00], [B], [10.00], [B] RESPECTIVELY FOR TP CONTROL 8. SHEET 1: B08, C10, C06, C01 : ADDED "SEE NOTE 8" FOR TP CONTROL 9. SHEET 1: C08: DIM 7.05±0.20 AND 14.35±0.15 CHANGED TO 7.05±0.25 AND 14.35±0.15 RESPECTIVELY.

FUNCTIONAL SYMBOLS A = 0 E = 0 B = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	DIMENSION UNITS	SCALE				
	mm	1:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)					
	ANGULAR TOL	± 0.5 °				
	4 PLACES	±				
	3 PLACES	±				
2 PLACES	± 0.05					
1 PLACE	± 0.1					
0 PLACES	±					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		B-SIZE	73644	SEE TABLE	GENERAL MARKET	3 OF 3

EC NO: 719835

DRWN: KRISHH1

CHK'D: JKACHLIC

APPR: JKACHLIC

INITIAL REVISION:

DRWN: RFC_PLMIMP

APPR: SREED

2022/05/16

2022/09/13

2022/09/13

2018/11/28

2003/05/15

SALES ASSEMBLY, HDM

BACKPLANE MODULE POLAR/GUIDE OPTION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SDA-73644-XXXX

DOC TYPE

PSD

DOC PART

001

REVISION

L

molex

CURRENT REV DESC: SEE REVISION TABLE ON SHEET 3

	10		9		8		7		6		73644		4		3		2		73644																																																																				
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B																																																																																							
A	<table><tr><td colspan="4"></td><td colspan="2">DIMENSIONS SHOWN (METRIC) INCH</td><td colspan="2"> ▽ = 0 ▼ = 0 </td><td colspan="2">REVISE ONLY ON CAD SYSTEM</td></tr><tr><td colspan="4"></td><td colspan="2">UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°</td><td colspan="2">TITLE</td><td colspan="2">SALES ASSY, HDM BACKPLANE MODULE, POLAR/GUIDE OPTION</td></tr><tr><td colspan="4"></td><td colspan="2"><table><tr><th></th><th>INCH</th><th>METRIC</th></tr><tr><td>3 PLACE</td><td>± N/A</td><td>---</td></tr><tr><td>2 PLACE</td><td>± N/A</td><td>± N/A</td></tr><tr><td>1 PLACE</td><td>---</td><td>± N/A</td></tr></table></td><td colspan="2">MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.</td><td>SHEET NO. 2</td><td>DATE 96 / 12 / 18</td></tr><tr><td colspan="4"></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">PART NO. SEE CHART</td><td colspan="2">DRWG. NO. SDA-73644-****</td></tr><tr><td colspan="4"></td><td colspan="2">DRWG. BY JRR CHK'D. BY SMR</td><td colspan="2">FILE NAME S73644X2 DGN</td><td colspan="2">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td></tr><tr><td colspan="4"></td><td colspan="2">APP'D. BY CAB SCALE -- : --</td><td colspan="2"></td><td colspan="2">DIV. DA SIZE B</td></tr></table>																DIMENSIONS SHOWN (METRIC) INCH		▽ = 0 ▼ = 0		REVISE ONLY ON CAD SYSTEM						UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°		TITLE		SALES ASSY, HDM BACKPLANE MODULE, POLAR/GUIDE OPTION						<table><tr><th></th><th>INCH</th><th>METRIC</th></tr><tr><td>3 PLACE</td><td>± N/A</td><td>---</td></tr><tr><td>2 PLACE</td><td>± N/A</td><td>± N/A</td></tr><tr><td>1 PLACE</td><td>---</td><td>± N/A</td></tr></table>			INCH	METRIC	3 PLACE	± N/A	---	2 PLACE	± N/A	± N/A	1 PLACE	---	± N/A	MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A.		SHEET NO. 2	DATE 96 / 12 / 18					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		PART NO. SEE CHART		DRWG. NO. SDA-73644-****						DRWG. BY JRR CHK'D. BY SMR		FILE NAME S73644X2 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						APP'D. BY CAB SCALE -- : --				DIV. DA SIZE B				
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