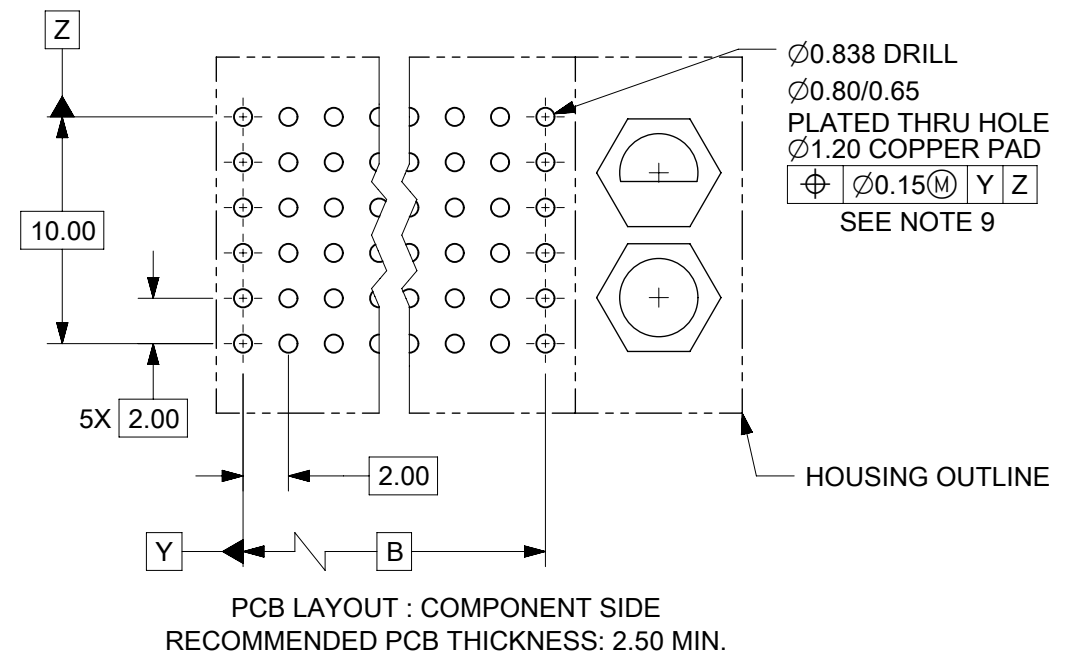
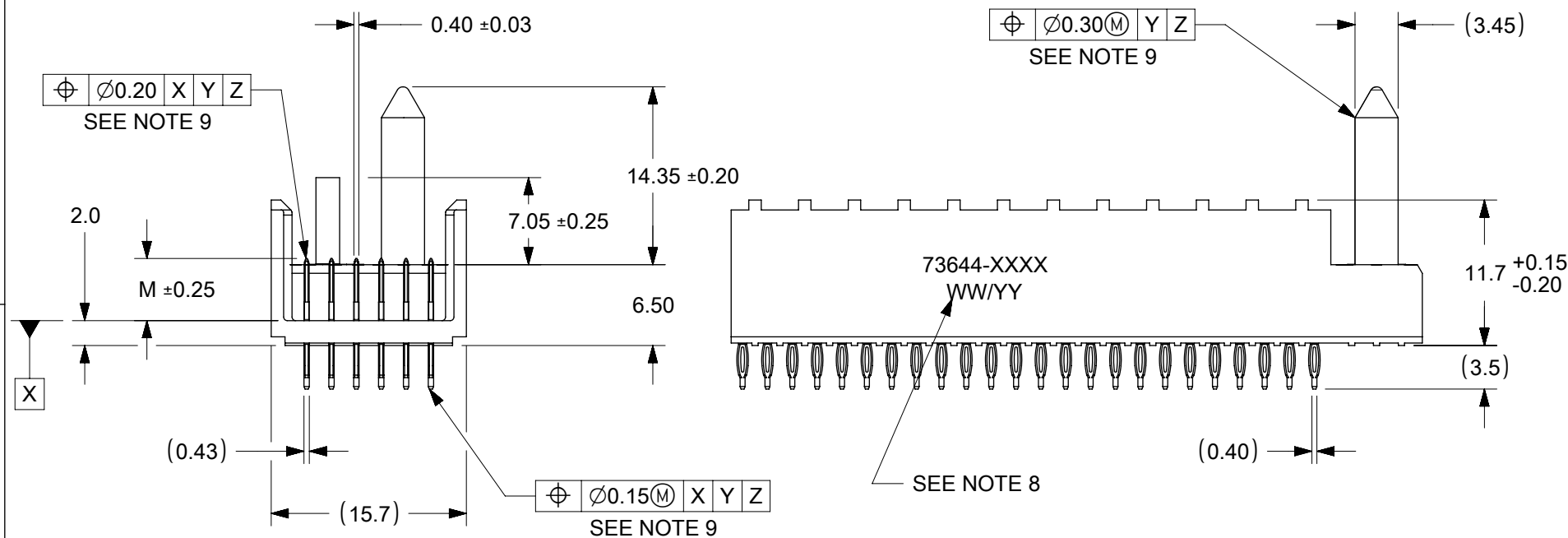
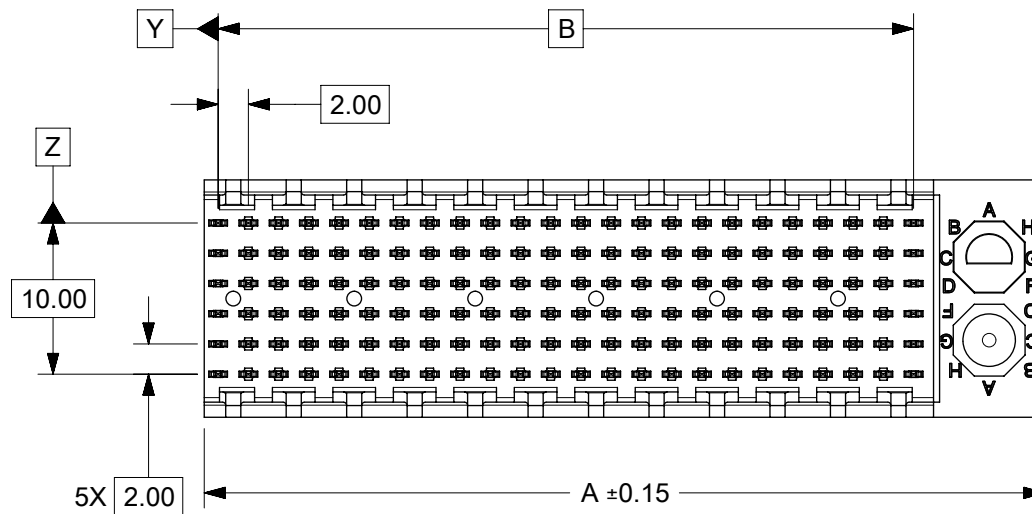
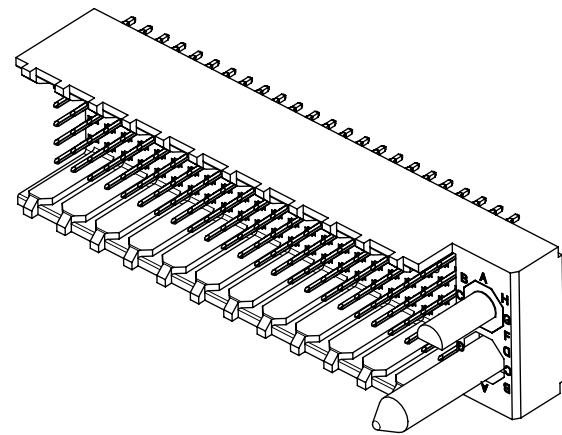




NOTES:

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

	10	9	8	7	6	
	MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING	DIM "A"	DIM "B"	DIM "M"
F	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
E	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

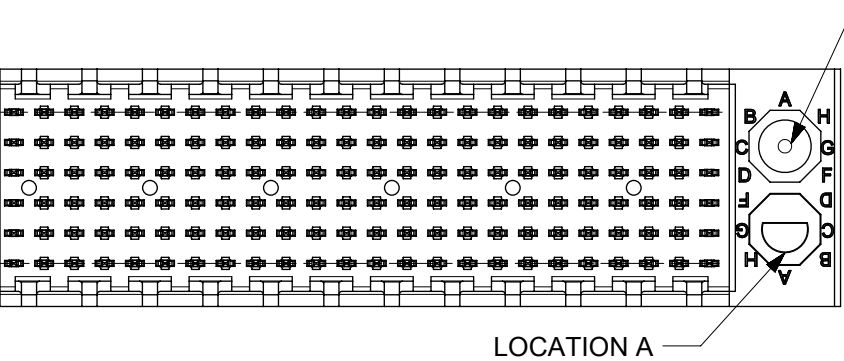
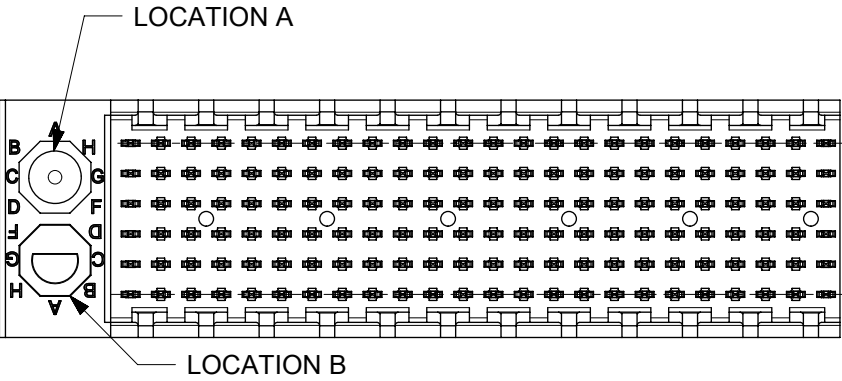
MATERIAL NUMBER ASSIGNMENT

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												
	0 PLACES		±						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE		GENERAL MARKET		2 OF 3

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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[illegible]

	I0		9		8		7		6		73644		4		3		2		73644												
F	MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS		PLATING				DIM "A"	DIM "B"	DIM "M"	MATERIAL NUMBER ASSIGNMENT 73644- * * * * 0 = 72-CIRCUIT, GOLD/GOLD FLASH 1 = 144-CIRCUIT, GOLD/GOLD FLASH 2 = 72-CIRCUIT, GOLD/TIN-LEAD 3 = 144-CIRCUIT, GOLD/TIN-LEAD 0 = 5.00 MATING LENGTH 1 = 5.50 MATING LENGTH 2 = 6.00 MATING LENGTH LOCATION A LOCATION B ROW F ROW 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 DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° <table><tr><td></td><td>INCH</td><td>METRIC</td></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> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DRWG. BY JRR CHK'D. BY SMR APP'D. BY CAB SCALE -- : -- ▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM TITLE SALES ASSY, HDM BACKPLANE MODULE, POLAR/GUIDE OPTION molex MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A. SHEET NO. 2 DATE 96 / 12 / 18 PART NO. SEE CHART DRWG. NO. SDA-73644-**** FILE NAME S73644X2 DGN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. DIV. DA SIZE B										INCH	METRIC	3 PLACE	± N/A	---	2 PLACE	± N/A	± N/A	1 PLACE	---	± N/A
		INCH	METRIC																												
	3 PLACE	± N/A	---																												
	2 PLACE	± N/A	± N/A																												
	1 PLACE	---	± N/A																												
73644-00**	72	SELECTIVE GOLD/GOLD FLASH				31.60	22.00	5.00																							
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73644-31**	144	SELECTIVE GOLD/SELECTIVE TIN-LEAD				55.60	46.00	5.50																							
73644-32**	144	SELECTIVE GOLD/SELECTIVE TIN-LEAD				55.60	46.00	6.00																							
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C																															
B																															
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