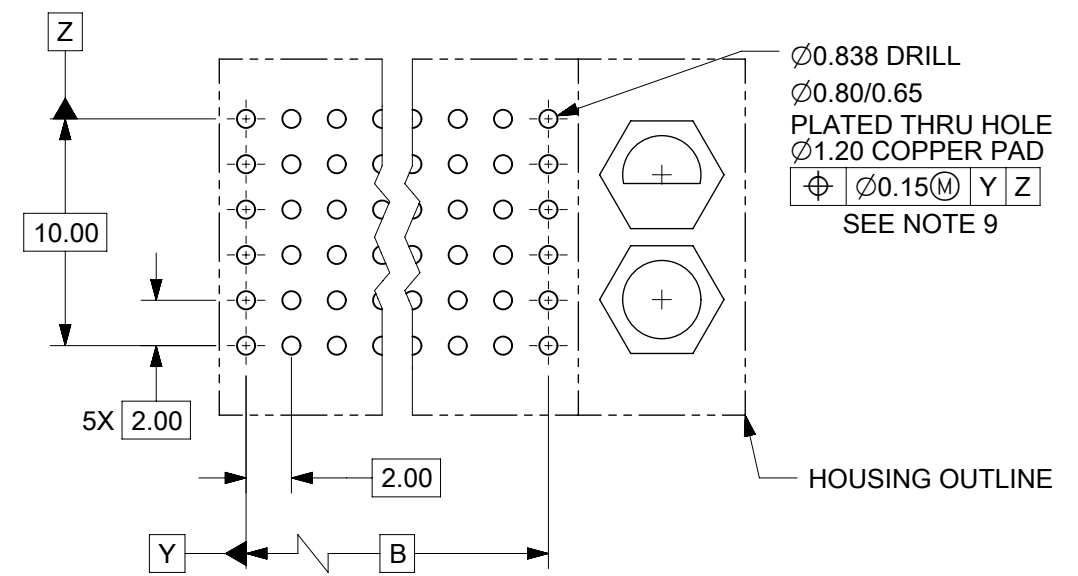
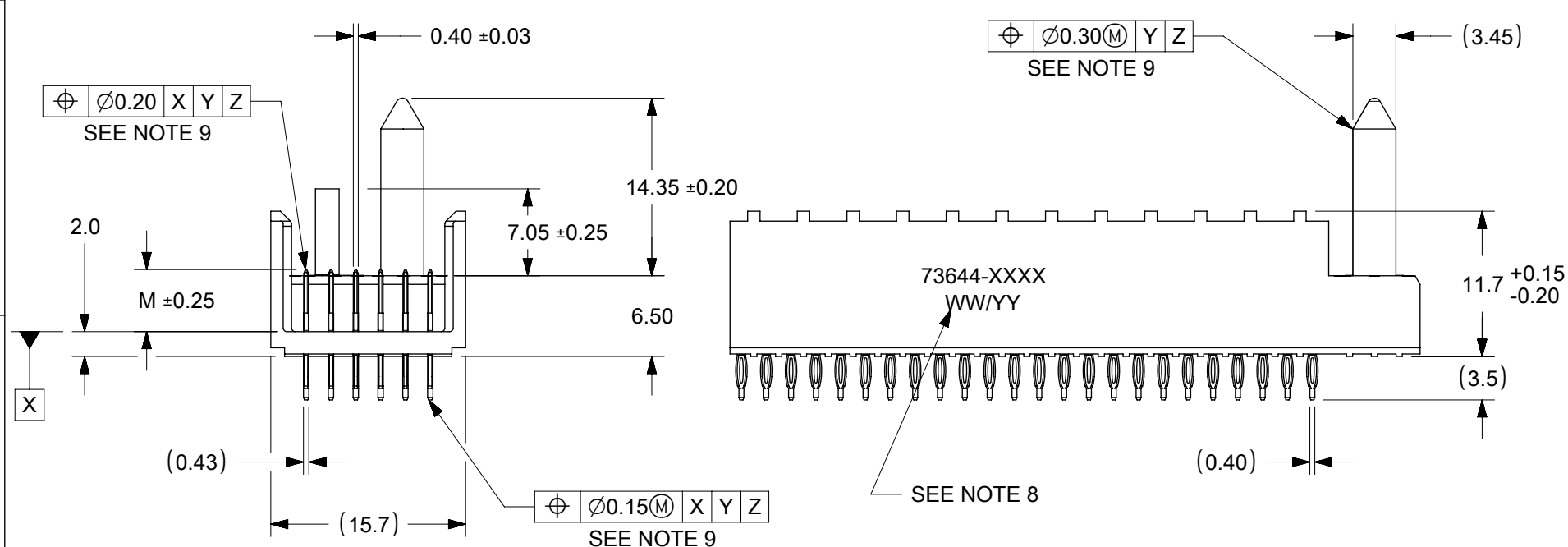


NOTES:

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.



PCB LAYOUT : COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN.

DOCUMENT STATUS	P1	RELEASE DATE	2022/09/13	08:27:36
-----------------	----	--------------	------------	----------

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		<p style="text-align: center;">molex</p> <p style="text-align: center;">SALES ASSEMBLY, HDM BACKPLANE MODULE POLAR/GUIDE OPTION</p>																																						
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>2:1</td> </tr> </table>	DIMENSION UNITS				SCALE	mm	2:1	<table border="1"> <tr> <th>GENERAL TOLERANCES (UNLESS SPECIFIED)</th> </tr> <tr> <td>ANGULAR TOL ± 0.5°</td> </tr> <tr> <td>4 PLACES ±</td> </tr> <tr> <td>3 PLACES ±</td> </tr> <tr> <td>2 PLACES ± 0.05</td> </tr> <tr> <td>1 PLACE ± 0.1</td> </tr> <tr> <td>0 PLACES ±</td> </tr> </table>	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 0.5°	4 PLACES ±	3 PLACES ±	2 PLACES ± 0.05	1 PLACE ± 0.1	0 PLACES ±	<table border="1"> <tr> <td>CURRENT REV DESC: SEE REVISION TABLE ON SHEET 3</td> <td>EC NO: 719835</td> <td>2022/05/16</td> </tr> <tr> <td>DRWN: KRISHH1</td> <td>2022/09/13</td> <td></td> </tr> <tr> <td>CHKD: JKACHLIC</td> <td>2022/09/13</td> <td></td> </tr> <tr> <td>APPR: JKACHLIC</td> <td></td> <td></td> </tr> </table>	CURRENT REV DESC: SEE REVISION TABLE ON SHEET 3	EC NO: 719835	2022/05/16	DRWN: KRISHH1	2022/09/13		CHKD: JKACHLIC	2022/09/13		APPR: JKACHLIC			<table border="1"> <tr> <td>INITIAL REVISION:</td> <td>2018/11/28</td> </tr> <tr> <td>DRWN: RFC_PLMIMP</td> <td>2003/05/15</td> </tr> <tr> <td>APPR: SREED</td> <td></td> </tr> </table>	INITIAL REVISION:	2018/11/28	DRWN: RFC_PLMIMP	2003/05/15	APPR: SREED		<table border="1"> <tr> <th>DOCUMENT NUMBER</th> <th>DOC TYPE</th> <th>DOC PART</th> <th>REVISION</th> </tr> <tr> <td>SDA-73644-XXXX</td> <td>PSD</td> <td>001</td> <td>L</td> </tr> </table>	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
DIMENSION UNITS	SCALE																																								
mm	2:1																																								
GENERAL TOLERANCES (UNLESS SPECIFIED)																																									
ANGULAR TOL ± 0.5°																																									
4 PLACES ±																																									
3 PLACES ±																																									
2 PLACES ± 0.05																																									
1 PLACE ± 0.1																																									
0 PLACES ±																																									
CURRENT REV DESC: SEE REVISION TABLE ON SHEET 3	EC NO: 719835	2022/05/16																																							
DRWN: KRISHH1	2022/09/13																																								
CHKD: JKACHLIC	2022/09/13																																								
APPR: JKACHLIC																																									
INITIAL REVISION:	2018/11/28																																								
DRWN: RFC_PLMIMP	2003/05/15																																								
APPR: SREED																																									
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION																																						
SDA-73644-XXXX	PSD	001	L																																						
DIVISIONAL SYMBOLS	<table border="1"> <tr> <th>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</th> <th>THIRD ANGLE PROJECTION</th> <th>DRAWING</th> <th>SERIES</th> <th>MATERIAL NUMBER</th> <th>CUSTOMER</th> <th>SHEET NUMBER</th> </tr> <tr> <td></td> <td></td> <td>B-SIZE</td> <td>73644</td> <td>SEE TABLE</td> <td>GENERAL MARKET</td> <td>1 OF 3</td> </tr> </table>	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																										
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																																			

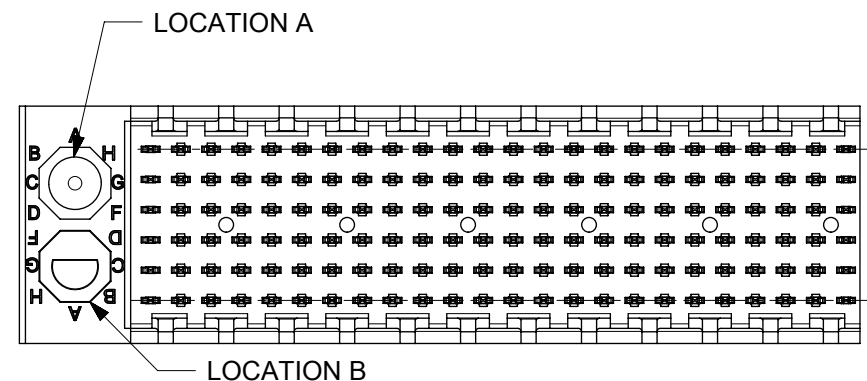
MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING	DIM "A"	DIM "B"	DIM "M"
73644-00**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	5.00
73644-01**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	5.50
73644-02**	72	SELECTIVE GOLD/GOLD FLASH	31.60	22.00	6.00
73644-10**	144	SELECTIVE GOLD/GOLD FLASH	55.60	46.00	5.00
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

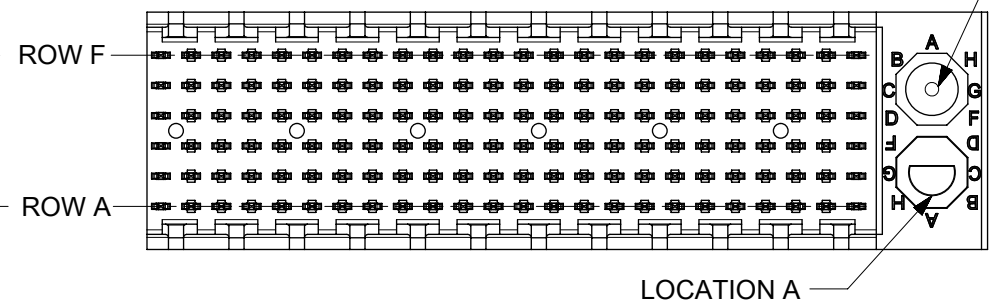
73644 - * * * *

- 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
- MATING LENGTH**
- 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	A
02	B	B
03	A	B
04	B	C
05	A	C
06	B	D
07	A	D
08	B	E
09	A	E
10	B	F
11	A	F
12	B	G
13	A	G
14	B	H
15	A	H
16	B	N/A
17	A	N/A
18	N/A	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

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									
mm					2:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)										EC NO: 719835									
ANGULAR TOL ± 0.5°										DRWN: KRISHH1 2022/05/16									
4 PLACES ±										CHKD: JKACHLIC 2022/09/13									
3 PLACES ±										APPR: JKACHLIC 2022/09/13									
2 PLACES ± 0.05										INITIAL REVISION:									
1 PLACE ± 0.1										DRWN: RFC_PLMIMP 2018/11/28									
0 PLACES ±										APPR: SREED 2003/05/15									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION					DRAWING					SERIES				
					B-SIZE					73644					MATERIAL NUMBER				
															SEE TABLE				
															CUSTOMER				
															GENERAL MARKET				
															SHEET NUMBER				
															2 OF 3				

F

F

E

E

D

D

C

C








B

B

A

A

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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FUNCTIONAL SYMBOLS  = 0  = 0  = 0	DIMENSION UNITS mm	SCALE 1:1	CURRENT REV DESC: SEE REVISION TABLE ON SHEET 3						
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 719835 DRWN: KRISHH1 CHKD: JKACHLIC APPR: JKACHLIC						
	ANGULAR TOL ± 0.5°		2022/05/16 2022/09/13 2022/09/13						
DIVISIONAL SYMBOLS  = 0  = 0  = 0	4 PLACES ±	3 PLACES ±	INITIAL REVISION: DRWN: RFC_PLMIMP APPR: SREED						
	2 PLACES ± 0.05	1 PLACE ± 0.1	2018/11/28 2003/05/15						
	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 	DRAWING B-SIZE	SERIES 73644	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3
	DOCUMENT NUMBER SDA-73644-XXXX		DOC TYPE PSD	DOC PART 001	REVISION L				

molex

SALES ASSEMBLY, HDM
BACKPLANE MODULE POLAR/GUIDE OPTION

PRODUCT CUSTOMER DRAWING

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 TIN-LEAD	31.60	22.00	5.00
73644-21**	72	SELECTIVE GOLD/SELECTIVE TIN-LEAD	31.60	22.00	5.50
73644-22**	72	SELECTIVE GOLD/SELECTIVE TIN-LEAD	31.60	22.00	6.00
73644-30**	144	SELECTIVE GOLD/SELECTIVE TIN-LEAD	55.60	46.00	5.00
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

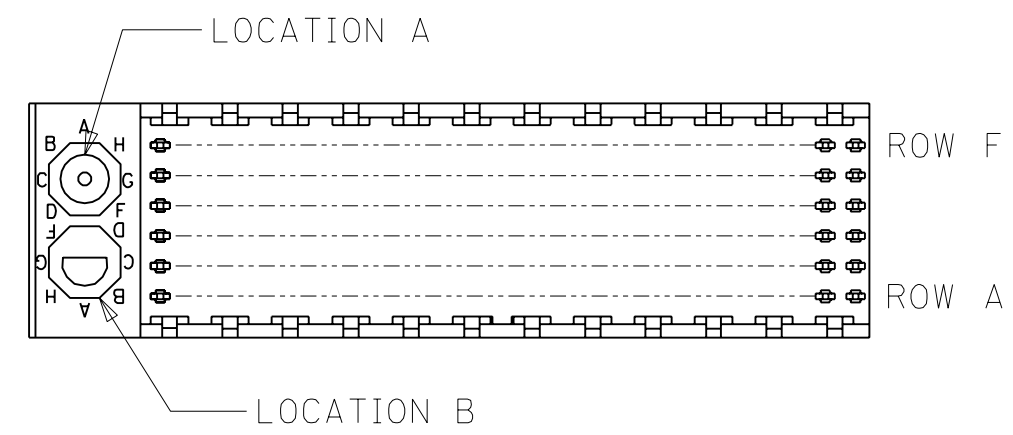
MATERIAL NUMBER ASSIGNMENT

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

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	
17	A	
18	N/A	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

DIMENSIONS SHOWN (METRIC) INCH				∇ = 0 \blacktriangledown = 0 REVISE ONLY ON CAD SYSTEM													
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR \pm 1/2°				TITLE													
<table border="1" style="margin: auto;"> <thead> <tr> <th></th> <th>INCH</th> <th>METRIC</th> </tr> </thead> <tbody> <tr> <td>3 PLACE</td> <td>\pm N/A</td> <td>---</td> </tr> <tr> <td>2 PLACE</td> <td>\pm N/A</td> <td>\pm N/A</td> </tr> <tr> <td>1 PLACE</td> <td>---</td> <td>\pm N/A</td> </tr> </tbody> </table>					INCH	METRIC	3 PLACE	\pm N/A	---	2 PLACE	\pm N/A	\pm N/A	1 PLACE	---	\pm N/A	SALES ASSY, HDM BACKPLANE MODULE, POLAR/GUIDE OPTION	
	INCH	METRIC															
3 PLACE	\pm N/A	---															
2 PLACE	\pm N/A	\pm N/A															
1 PLACE	---	\pm N/A															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MOLEX INCORPORATED SHEET NO. DATE LISLE, ILL. 60532 U.S.A. 2 96/12/18													
D				SEE SHEET I													
LTR. REVISIONS LTR. REVISIONS				DRWG. NO. DRWG. NO. SEE CHART SDA-73644-****													
APP'D. BY CAB				FILE NAME DIV. SIZE S73644X2 DA B DGN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.													