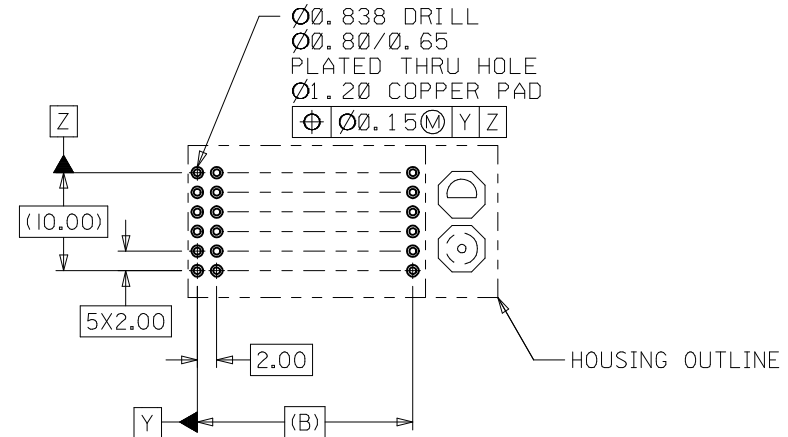
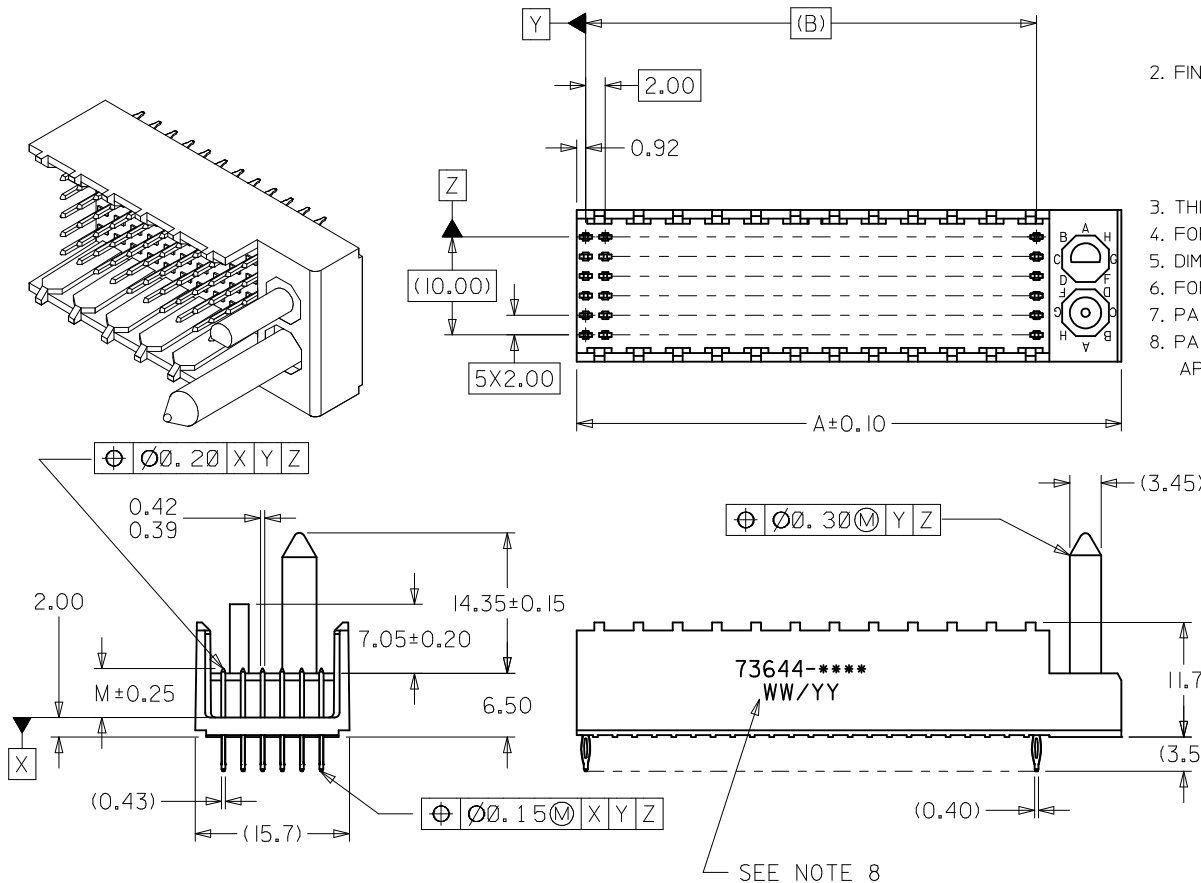


NOTES:

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 70873-0818.
8. PARTS MARKED WITH PART NUMBER AND DATE CODE ON EITHER SIDE.
APPROXIMATELY WHERE SHOWN.



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 2.50 MIN

LEAD FREE CONVERSION EC NO: UCP2013-3253 DRWN:RWHIPPLE 2013/02/04 CHKD:MWOLFE 2013/02/04 APPR:SMILLER 2013/08/05	DESCRIPTION	QUALITY SYMBOLS ▽ =0 ▽ =0 ▽ =0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.05</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.10</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.05	± ---	1 PLACE	± 0.10	± ---	0 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	SALES ASSEMBLY, HDM BACKPLANE MODULE POLAR/GUIDE OPTION molex
					mm	INCH																					
				4 PLACES	± ---	± ---																					
				3 PLACES	± ---	± ---																					
				2 PLACES	± 0.05	± ---																					
				1 PLACE	± 0.10	± ---																					
0 PLACE	± ---	± ---																									
DRAWN BY DATE RWHIPPLE 2013/02/04		TITLE																									
CHECKED BY DATE SMR/CAB 96/12/18																											
APPROVED BY DATE SMILLER 2013/08/05																											
MATERIAL NO.		DOCUMENT NO.		SHEET NO.																							
SEE SHEET 2		SDA-73644-****		1 OF 2																							

K	REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED) DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

10	9	8	7	6	5	4	3	2	1
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			

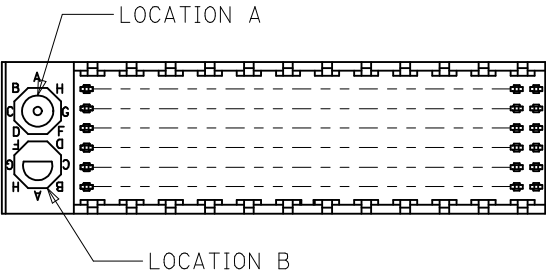
MATERIAL NUMBER ASSIGNMENT

73644- * * * *

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

SEE SHEET 1		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
EC NO: UCP2013-3253 DRAWN:RWHIPPLE 2013/02/04 CHKD:MMOLFE 2013/02/04 APPR:SMILLER 2013/08/05 REV	K	DESCRIPTION	REV	F _A =0 F _G =0 F _P =0	mm	INCH	DRAWN BY	DATE	TITLE SALES ASSEMBLY, HDM BACKPLANE MODULE POLAR/GUIDE OPTION molex			
					4 PLACES	± ---	± ---	RWHIPPLE				2013/02/04
					3 PLACES	± ---	± ---	CHECKED BY				DATE
					2 PLACES	± 0.05	± ---	SMR/CAB				96/12/18
					1 PLACE	± 0.10	± ---	APPROVED BY				DATE
					0 PLACE	± ---	± ---	SMILLER	2013/08/05	DOCUMENT NO. SDA-73644-****		
ANGULAR ±1/2°						MATERIAL NO.		SHEET NO. 2 OF 2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		REV										

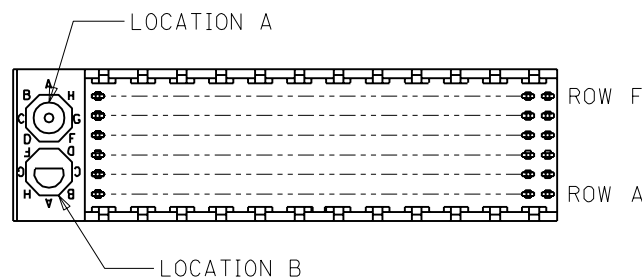
10		9	8	7	6		7364
F	MATERIAL NUMBER	NUMBER OF SIGNAL CONTACTS	PLATING		DIM "A"	DIM "B"	DIM "M"
	73644-00**	72	SELECTIVE GOLD/GOLD FLASH		31.60	22.00	5.00
	73644-01**	72	SELECTIVE GOLD/GOLD FLASH		31.60	22.00	5.50
	73644-02**	72	SELECTIVE GOLD/GOLD FLASH		31.60	22.00	6.00
	73644-10**	144	SELECTIVE GOLD/GOLD 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
E	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

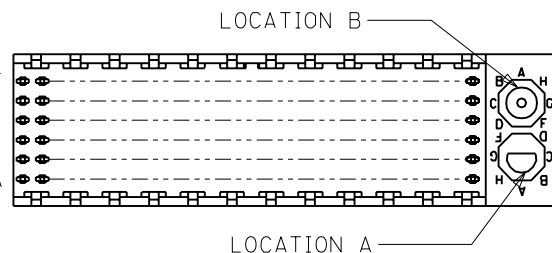
73644- * * * *

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
```



REF. MATERIAL NUMBER 73644-0009
GUIDE PIN IS IN LOCATION A
POLARIZING KEY IS IN LOCATION B, POSITION 5



REF. MATERIAL NUMBER 73644-0008
GUIDE PIN IS IN LOCATION B
POLARIZING KEY IS IN LOCATION A, POSITION E

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	

[illegible]