

NOTES:

1. MATERIALS:

HOUSING: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
 TAIL ALIGNER: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP),
 TERMINAL: PHOSPHOR BRONZE
 BRACKET: BRASS
 SHELL: STEEL
 INSERT: BRASS

2. FINISHES:

TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA
 OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN
 CRITICAL AREA. 1.87 MICROMETERS MINIMUM TIN IN
 SOLDER TAIL AREA OVER A NICKEL UNDERPLATE.
 SHIELD: 3.8 MICROMETERS MINIMUM BRIGHT TIN OVER NICKEL.
 INSERT: 2.54 MICROMETERS MINIMUM NICKEL.

3. PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.

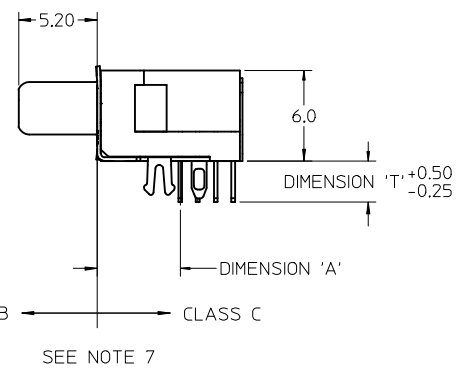
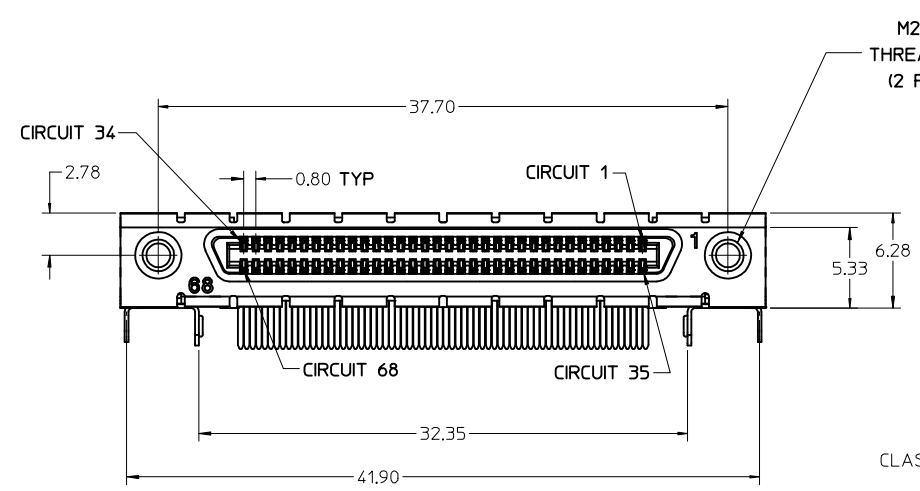
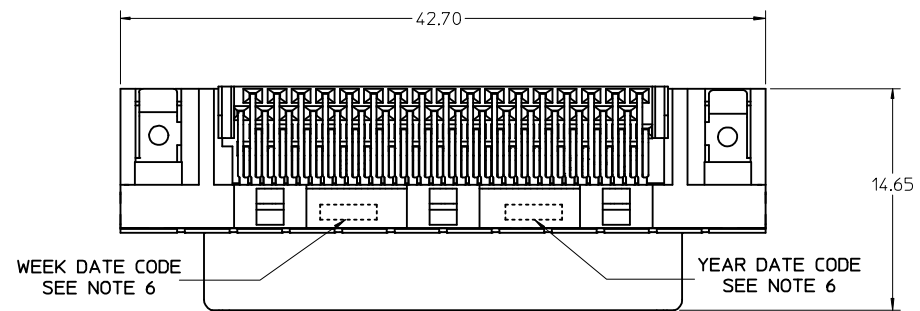
4. PACKAGED PER PK-71430-0101.

5. APPLICABLE STANDARDS: EIA-3652 AND SFF-8441.

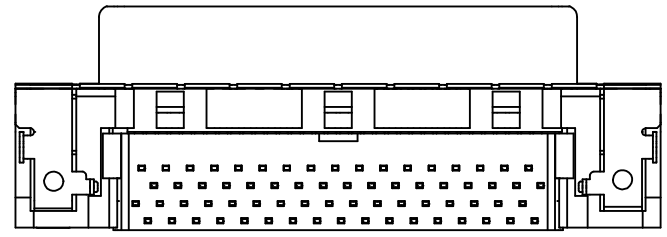
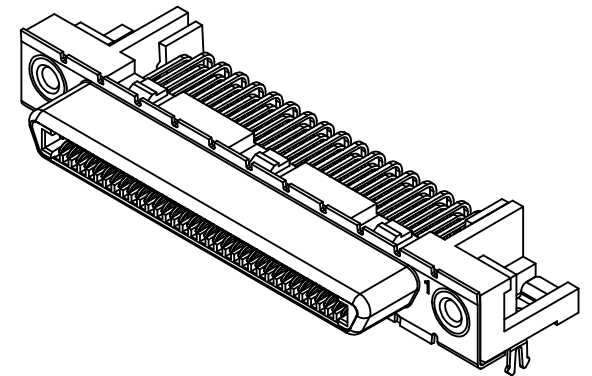
6. DATE CODE: YR/WK PER EIA-476-A.

7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.
SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

8. TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS:
0.34 Nm MAXIMUM.

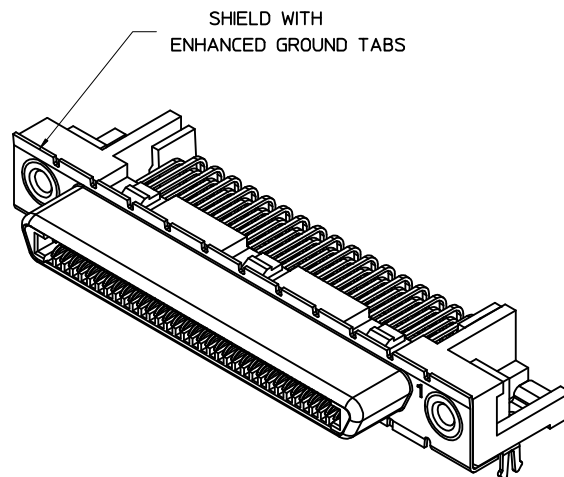
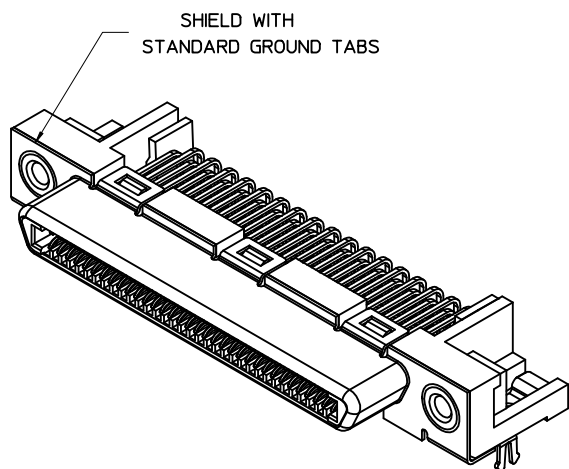


SEE NOTE 7



FIX TAIL TOLERANCE EC NO: UCP2012-3896 DRWN:BBARKER 2012/05/29 CHKD:MMOLFE APPR:SMILLER 2012/08/31	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	4:1	METRIC		
		mm	INCH	DRAWN BY DATE		TITLE		
				KSTILES 11/14/2002		VHDCI RIGHT ANGLE ASSEMBLY		
REV: N	DESCRIPTION 2012/08/31	4 PLACES	± ---	± ---	CHECKED BY DATE			
		3 PLACES	± ---	± ---	KSTILES 11/15/2002			
		2 PLACES	± 0.13	± ---	APPROVED BY DATE			
		1 PLACE	± 0.25	± ---	MBNAKIS 11/22/2002			
		0 PLACE	±	±	MATERIAL NO.		DOCUMENT NO.	
		ANGULAR ±1/2°		SEE SHEET 2		SD-71430-015		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		SHEET NO. 1 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

PCB THICKNESS	PART NUMBER	TAIL LENGTH *T* (SEE FIGURE FOR TOLERANCE)	ENHANCED GROUND TABS	SCREWLOCKS	TAIL LOC. *A*	HOLE LOCATION *B*
1.60	71430-0101	2.08	NO	NONE	5.5	6.50 MAXIMUM
1.60	71430-0007	2.08	NO	LOOSE IN BAGS		
1.60	71430-0005	2.08	YES	NONE		
1.60	71430-0008	2.08	YES	LOOSE IN BAGS		
2.36	71430-0268	2.71	NO	NONE		
2.36	71430-0006	2.71	NO	INSTALLED		
2.36	71430-0004	2.71	YES	NONE		
2.36	71430-0009	2.71	YES	INSTALLED		
2.36	71430-0016	2.71	NO	LOOSE IN BAGS		
2.36	71430-0019	2.71	YES	LOOSE IN BAGS		
2.36	71430-0012	2.71	YES	NONE	5.3	6.30 MAXIMUM
1.60	71430-0013	2.08	YES	NONE		



OPTIONAL SCREWLOCK
PART NUMBER 71433-0002

SEE SHEET 1 EC NO: UCP2012-3896 DRWN:BBARKER 2012/05/29 CHKD:MMOLFE APPR:SMILLER 2012/08/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY KSTILES	DATE 11/14/2002	TITLE VHDCI RIGHT ANGLE ASSEMBLY			
	▽=0	4 PLACES ± ---	± ---	CHECKED BY	DATE				
	▽=0	3 PLACES ± ---	± ---	APPROVED BY MBAKIS	DATE 11/22/2002	MATERIAL NO. SD-71430-015			
▽=0	2 PLACES ± 0.13	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO.				
N	ANGULAR ±1/2°	SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

NOTES:

1. MATERIALS:

- HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP),
UL94 V-0, COLOR:BLACK
- TAIL ALIGNER: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP),
- TERMINAL: HIGH PERFORMANCE COPPER ALLOY
- SHIELD: STEEL
- THREADED INSERT: BRASS

2. FINISHES:

- TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA
OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN
CRITICAL AREA. 1.87 MICROMETERS MINIMUM MATTE TIN IN
SOLDER TAIL AREA. OVERALL NICKEL UNDERPLATE.
- BRACKET: 5.0 MICROMETERS MINIMUM BRIGHT TIN OVER A COPPER UNDERPLATE.
- SHIELD: 3.8 MICROMETERS MINIMUM BRIGHT TIN OVER 1.3 MICROMETERS
MINIMUM NICKEL OVER COPPER FLASH (OPTIONAL).
- THREADED INSERT: 2.54 MICROMETERS MINIMUM NICKEL.

3. PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.

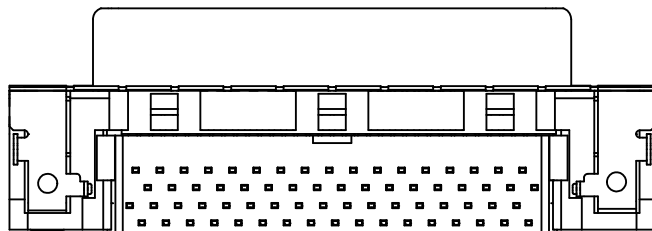
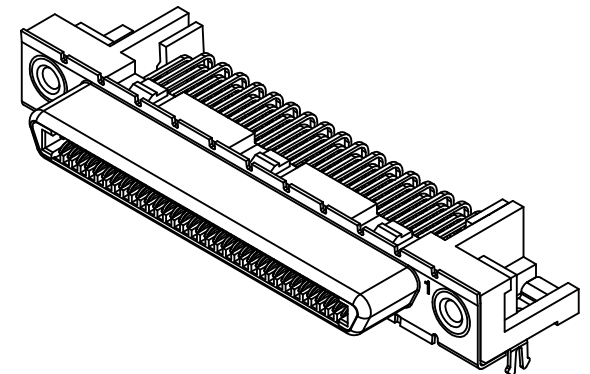
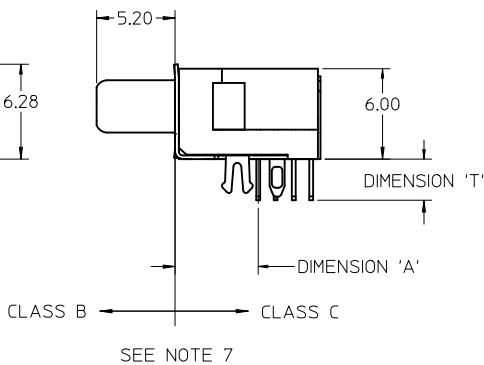
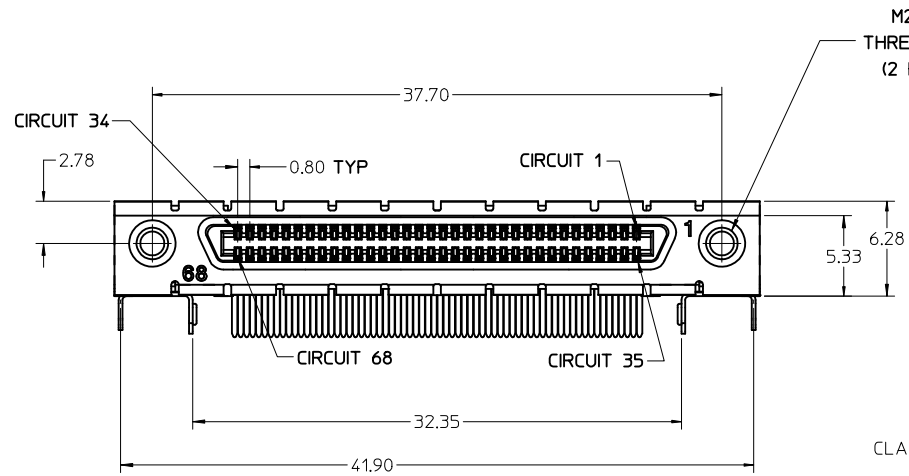
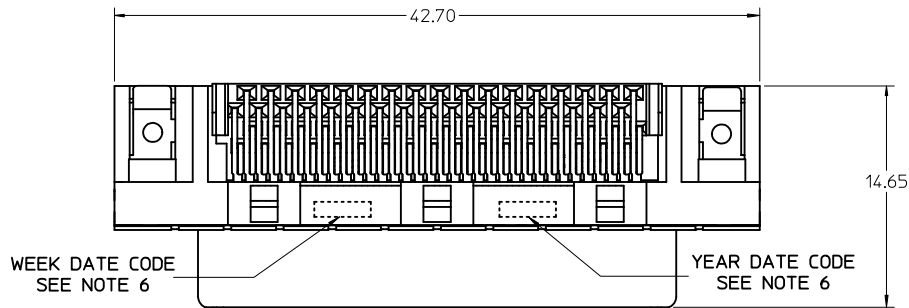
4. PRODUCT IS PACKAGED PER PK-71430-0101.

5. APPLICABLE STANDARDS: EIA-3652 AND SFF-8441.

6. DATE CODE: YR/WK PER EIA-476-A.

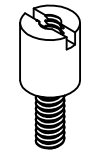
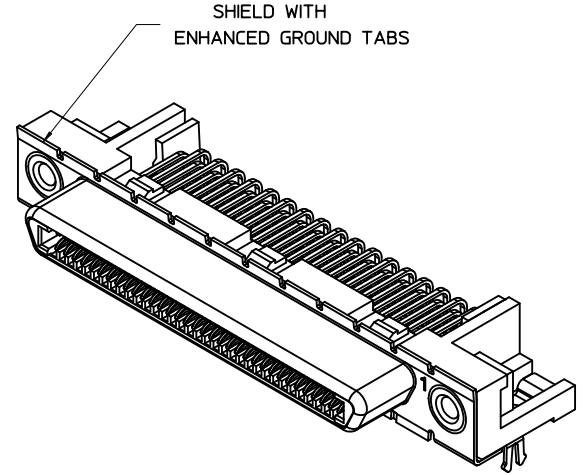
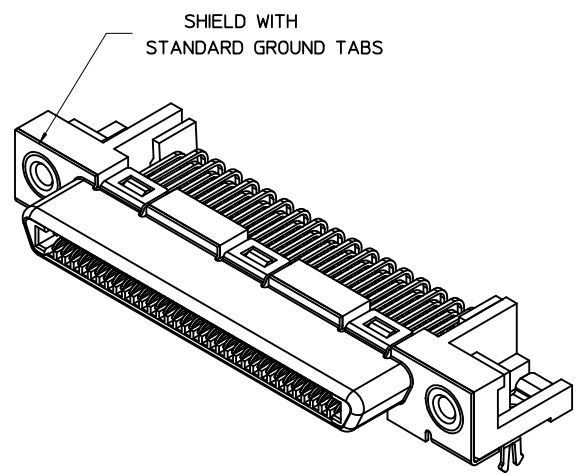
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.
SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

8. TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS:
0.34 Nm MAXIMUM.



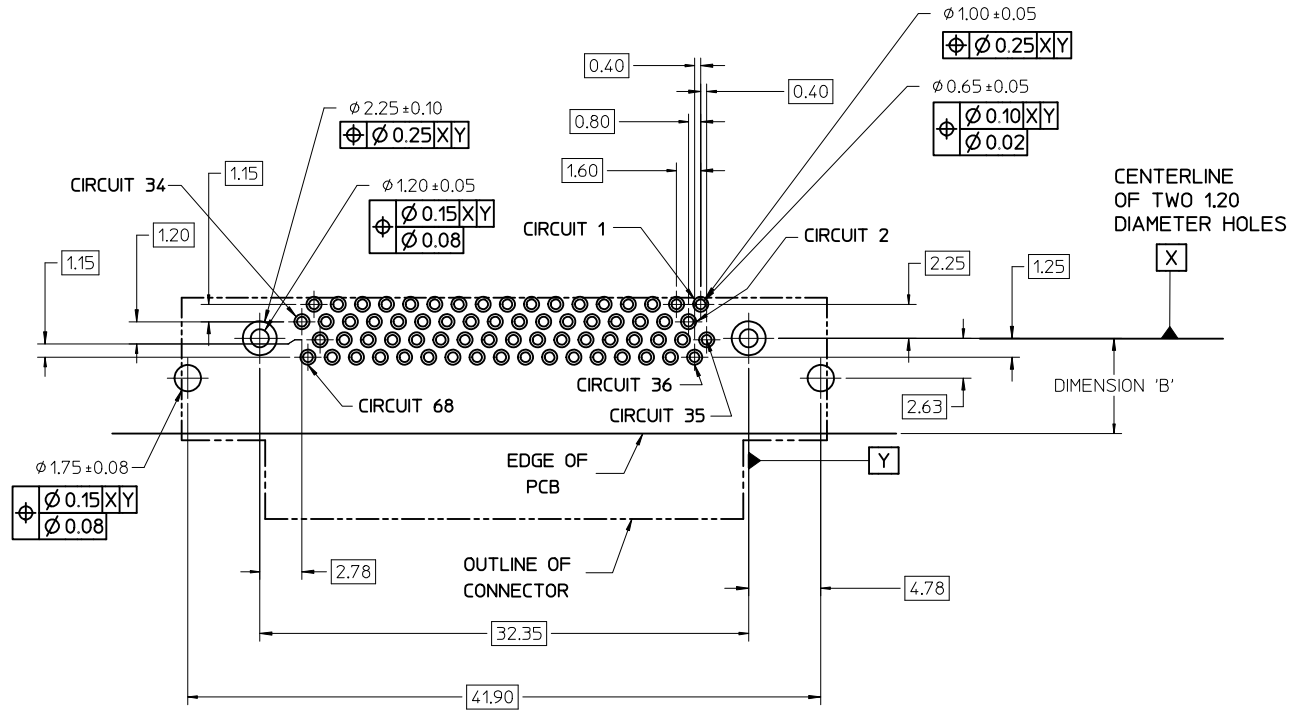
CHG THRD INSRT EC NO: UCP2012-2552 DRW:BBARKER 2012/02/09 CHKD:JMORGAN APPR:SMILLER 2012/03/22	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE BBARKER 2011/02/17 CHECKED BY DATE BSMART 2011/02/17 APPROVED BY DATE SMILLER 2011/02/25	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE VHDCl RIGHT ANGLE ASSEMBLY	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-71430-3000	SHEET NO. 1 OF 3	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
	MOLEX INCORPORATED								
	MOLEX INCORPORATED								

PCB THICKNESS	PART NUMBER	TAIL LENGTH "T" +0.50/-0.25	ENHANCED GROUND TABS	SCREWLOCKS (SEE GUIDELINE FOR CHOOSING A SCREWLOCK ON SHEET 3)	TAIL LOCATION "A"	PCB HOLE LOCATION "B"
1.60		2.08	NO	NONE	5.50	6.50 MAXIMUM
1.60		2.08	NO	71433-2002 LOOSE IN BAGS		
1.60		2.08	YES	NONE		
1.60		2.08	YES	71433-2002 LOOSE IN BAGS		
2.36		2.71	NO	NONE		
2.36		2.71	NO	71433-2002 INSTALLED		
2.36		2.71	YES	NONE		
2.36		2.71	YES	71433-2002 INSTALLED		
2.36		2.71	NO	71433-2002 LOOSE IN BAGS		
2.36	71430-3019	2.71	YES	71433-2002 LOOSE IN BAGS		
2.36		2.71	YES	NONE	5.30	6.30 MAXIMUM
1.60		2.08	YES	NONE		



OPTIONAL SCREWLOCK
PART NUMBER 71433-2002 SHOWN
(SEE GUIDELINE FOR CHOOSING
A SCREWLOCK ON SHEET 3)

SEE SHEET 1 EC NO: UCP2012-2552 DRWN:BBARKER 2012/02/09 CHKD:DMORGAN APPR:SMILLER 2012/03/12	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY BBARKER	DATE 2011/02/17	TITLE VHDCI RIGHT ANGLE ASSEMBLY			
		3 PLACES ± --- ± ---			CHECKED BY BSMART	DATE 2011/02/17				
		2 PLACES ± 0.13 ± ---			APPROVED BY SMILLER		DATE 2011/02/25	MOLEX INCORPORATED SD-71430-3000		
1 PLACE ± 0.25 ± ---			MATERIAL NO.		DOCUMENT NO.	SHEET NO. 2 OF 3				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



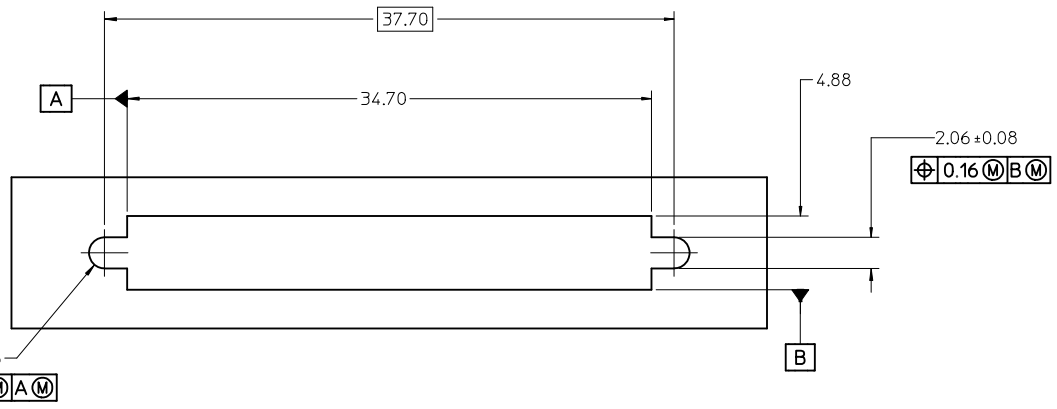
NOTES:

1. FOR FULL MATE WITH PLUG, PANEL THICKNESS SHOULD NOT EXCEED 1.0mm.

FUNCTIONAL MATING WITH MOLEX PLUG CAN STILL BE MAINTAINED WITH PANELS AS THICK AS 2.5mm (BUT PLUG AND RECEPTACLE WILL NOT BE FULLY MATED).

2. GUIDELINE FOR CHOOSING A MOLEX SCREWLOCK:

PANEL THICKNESS	RECOMMENDED SCREWLOCK
LESS THAN OR EQUAL TO 1.00 MM	71433-2002
1.01 TO 2.15 MM	71433-2010



SEE SHEET 1 EC NO: UCP2012-2552 DRWN:BBARKER 2012/02/09 CHKD:JMORGAN APPR:SMILLER 2012/03/22	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> </tbody> </table> ANGULAR ± 1/2°		mm	INCH	4 PLACES	± 0.25	± 0.010	3 PLACES	± 0.20	± 0.008	2 PLACES	± 0.13	± 0.005	1 PLACE	± 0.25	± 0.010	DIMENSION STYLE MM ONLY DRAWN BY: BBARKER DATE: 2011/02/17 CHECKED BY: BSMART DATE: 2011/02/17 APPROVED BY: SMILLER DATE: 2011/02/25	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH																
	4 PLACES	± 0.25	± 0.010																
	3 PLACES	± 0.20	± 0.008																
2 PLACES	± 0.13	± 0.005																	
1 PLACE	± 0.25	± 0.010																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			TITLE: VHDCI RIGHT ANGLE ASSEMBLY	MOLEX INCORPORATED															
SEE TABLE			MATERIAL NO. SD-71430-3000	SHEET NO. 3 OF 3															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			