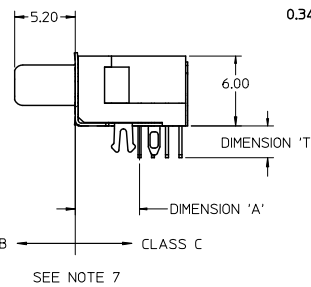
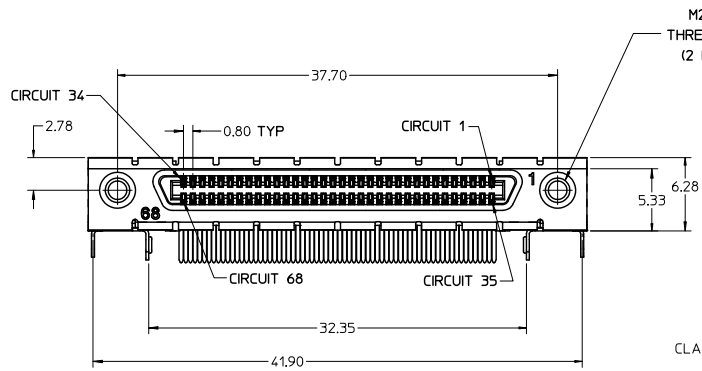
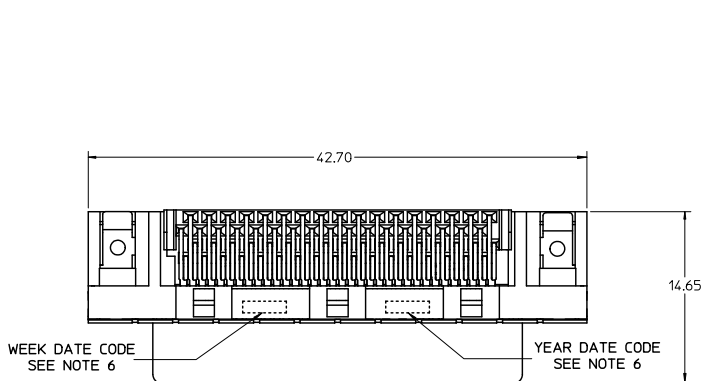
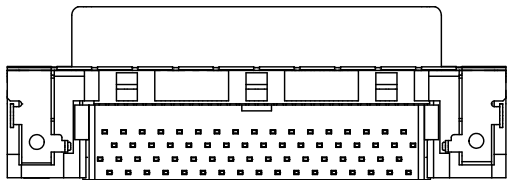
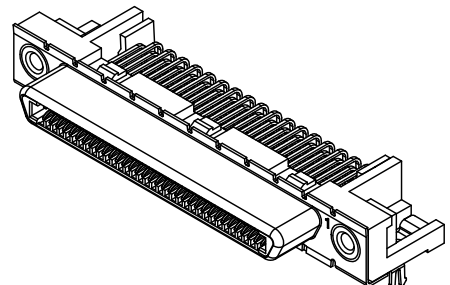


13 12 11 10 9 8 7 6 5 4 3 2 1



SEE NOTE 7

- NOTES:
- MATERIALS:  
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94 V-0, COLOR:BLACK  
TAIL ALIGNER: HIGH TEMPERATURE THERMOPLASTIC,  
TERMINAL: HIGH PERFORMANCE COPPER ALLOY  
BRACKET: BRASS  
SHELL: STEEL  
INSERT: BRASS
  - 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 1.25 MICROMETERS MINIMUM NICKEL.  
BRACKET: 5.0 MICROMETERS BRIGHT TIN OVER 2.50 MICROMETERS COPPER.  
SHIELD: 3.8 MICROMETERS MINIMUM BRIGHT TIN OVER 1.3 MICROMETERS MINIMUM NICKEL OVER COPPER FLASH (OPTIONAL).  
INSERT: 2.54 MICROMETERS MINIMUM NICKEL.
  - PART PERFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.
  - PACKAGE PER PK-71430-0101.
  - APPLICABLE STANDARDS: EIA-3652 AND SFF-8441.
  - DATE CODE: YR/WK PER EIA-476-A.
  - PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.
  - TORQUE TO INSTALL SCREWS INTO THREADED INSERTS: 0.34 Nm MAXIMUM.

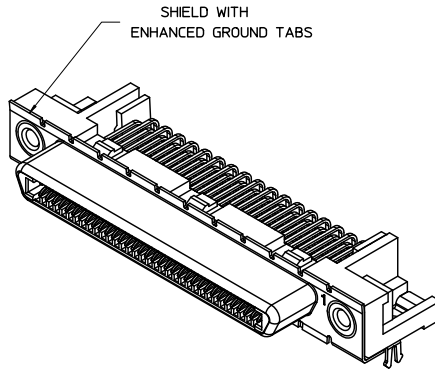
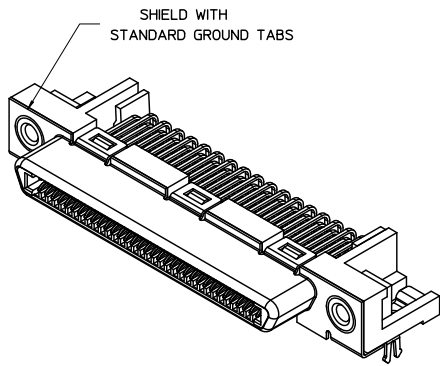


<b>CHANGE PACKAGING</b> EC NO. ICF2010-1970 M DRW:MS (BARRA) 20/10/02/11 CHK:R (BARBER) 11/15/2002 APPR: S (ILLER) 20/10/04/20	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION VHDCI RIGHT ANGLE ASSEMBLY MOLEX INCORPORATED MATERIAL NO. SD-71430-015 DOCUMENT NO.	SHEET NO. 1 OF 3
		4 PLACES ±--- ±---	mm	INCH	DRAWN BY KSTILES	DATE 11/14/2002	TITLE		
		3 PLACES ±--- ±---			CHECKED BY KSTILES	DATE 11/15/2002			
		2 PLACES ±0.13 ±---			APPROVED BY MBNAKIS	DATE 11/22/2002			
		1 PLACE ±0.25 ±---	ANGULAR ±1/2°		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

PCB THICKNESS	PART NUMBER	TAIL LENGTH 'T'	ENHANCED GROUND TABS	SCREWLOCKS	TAIL LOC. 'A'	HOLE LOCATION 'B'
1.60	71430-0101	2.08	NO	NONE	5.50	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	5.30	6.30 MAXIMUM
1.60	71430-0013	2.08	YES	NONE		

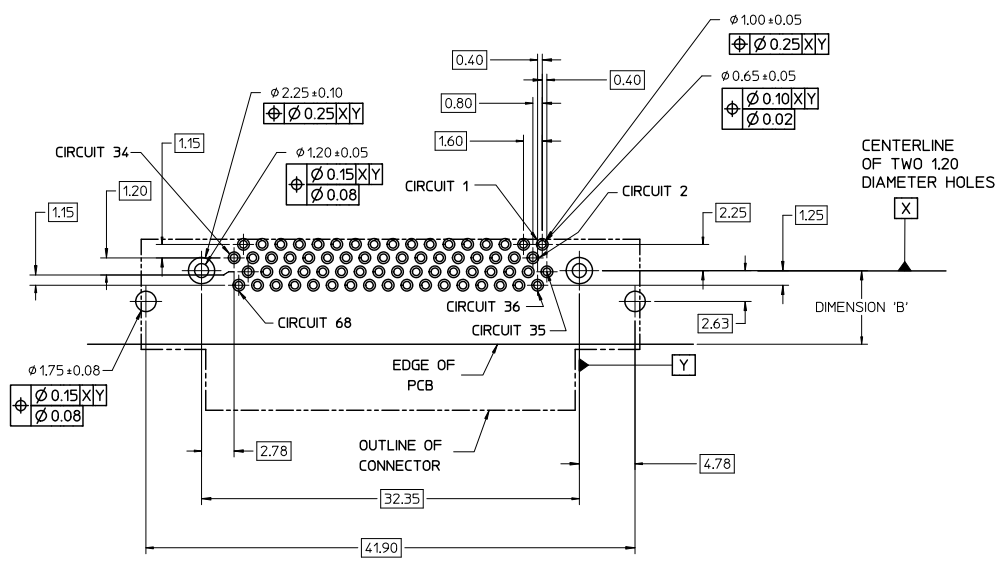


OPTIONAL SCREWLOCK  
PART NUMBER 71433-0002

SEE SHEET 1 EIC NO. UEP2010-1970 DRAWN BY: BARRA 20/01/02/15 CHECKED BY: BARBER 11/15/2002 APPR: SHILLER 20/01/02/20	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		4:1	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°		DRAWN BY DATE KSTILES 11/14/2002 CHECKED BY DATE KSTILES 11/15/2002 APPROVED BY DATE MBNAKIS 11/22/2002		TITLE VHDCI RIGHT ANGLE ASSEMBLY			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-71430-015		SHEET NO. 2 OF 3	

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

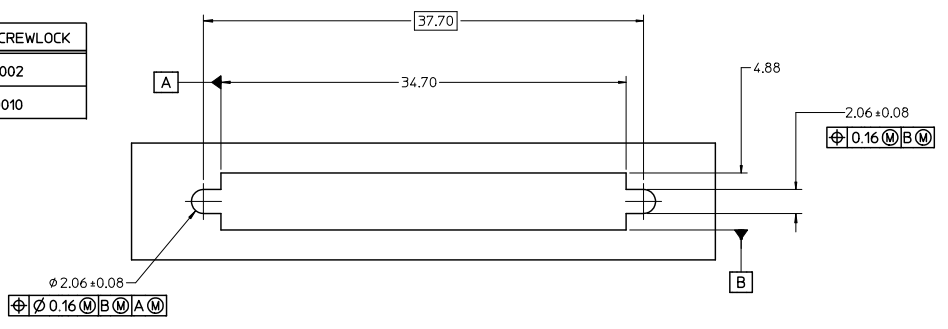


**NOTES:**

- 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. GUIDELINES FOR CHOOSING A MOLEX SCREWLOCK:**

PANEL THICKNESS	RECOMMENDED SCREWLOCK
LESS THAN OR EQUAL TO 1.00 MM	71433-0002
1.01 TO 2.15 MM	71433-0010

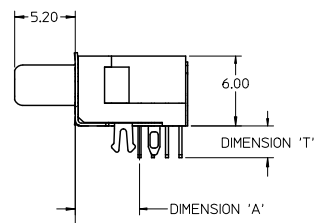
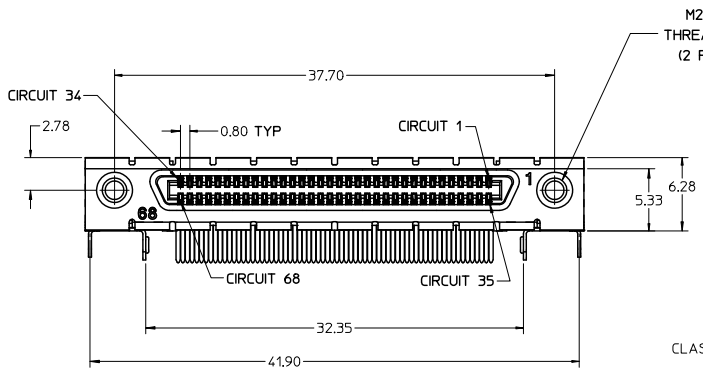
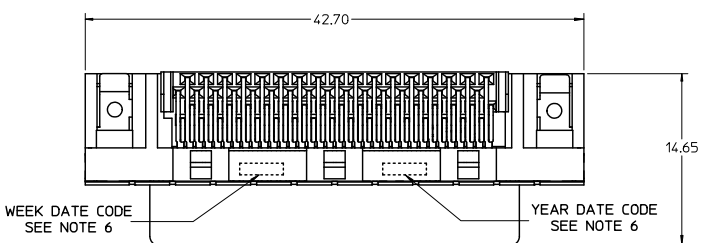


SEE SHEET 1 EC NO. UEP2010-1970 DRWNS:BARRA 20/02/11 CHK:BARBER 11/15/2002 APPR:SMILLER 20/04/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM ONLY	4:1	METRIC	TITLE: VHDCI RIGHT ANGLE ASSEMBLY MOLEX INCORPORATED
	DRAWN BY: KSTILES CHECKED BY: KSTILES APPROVED BY: MBNAKIS	DATE: 11/14/2002 DATE: 11/15/2002 DATE: 11/22/2002	MATERIAL NO.: SEE TABLE SIZE: C	DOCUMENT NO.: SD-71430-015	SHEET NO.: 3 OF 3	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

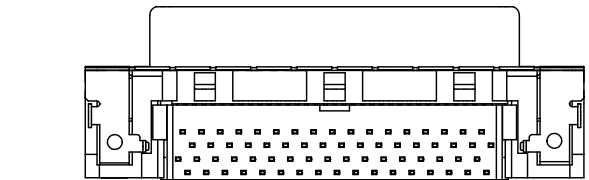
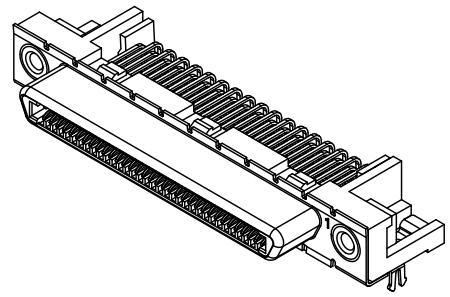
12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

- NOTES:
- 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 - LEAD FREE
  - 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.
  - PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.
  - PRODUCT IS PACKAGED PER PK-71430-0101.
  - APPLICABLE STANDARDS: EIA-3652 AND SFF-8441.
  - DATE CODE: YR/WK PER EIA-476-A.
  - PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.
  - TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS: 0.34 Nm MAXIMUM.



CLASS B CLASS C  
SEE NOTE 7



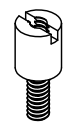
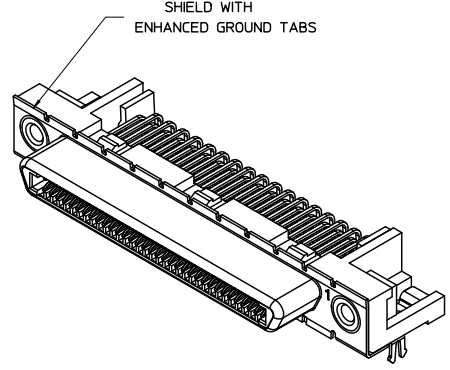
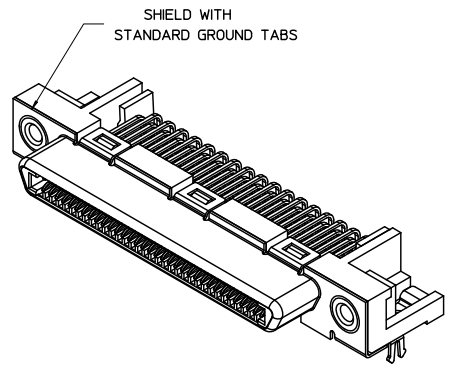
ALL ASSEMBLIES ON THIS DRAWING ARE LEAD-FREE

INITIAL RELEASE EC NO.: LCP2011-2476 DRAWN BY: BBARKER 2011/02/17 CHECKED BY: CHRIS SMILLER APPR: SMILLER 2011/02/25 DESCRIPTION:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ±--- ±---	MM ONLY	4:1	METRIC	⊙	
	▽=0	3 PLACES ±--- ±---	DRAWN BY	DATE	TITLE	VHDCI RIGHT ANGLE ASSEMBLY	
	▽=0	2 PLACES ±0.13 ±---	BBARKER	2011/02/17			
	▽=0	1 PLACE ±0.25 ±---	CHECKED BY	DATE			
		ANGULAR ±1/2°	APPROVED BY	DATE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SMILLER	2011/02/25			
			MATERIAL NO.	DOCUMENT NO.			
			SEE TABLE	SD-71430-3000			
			SIZE				
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
						SHEET NO. 1 OF 3	

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

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		

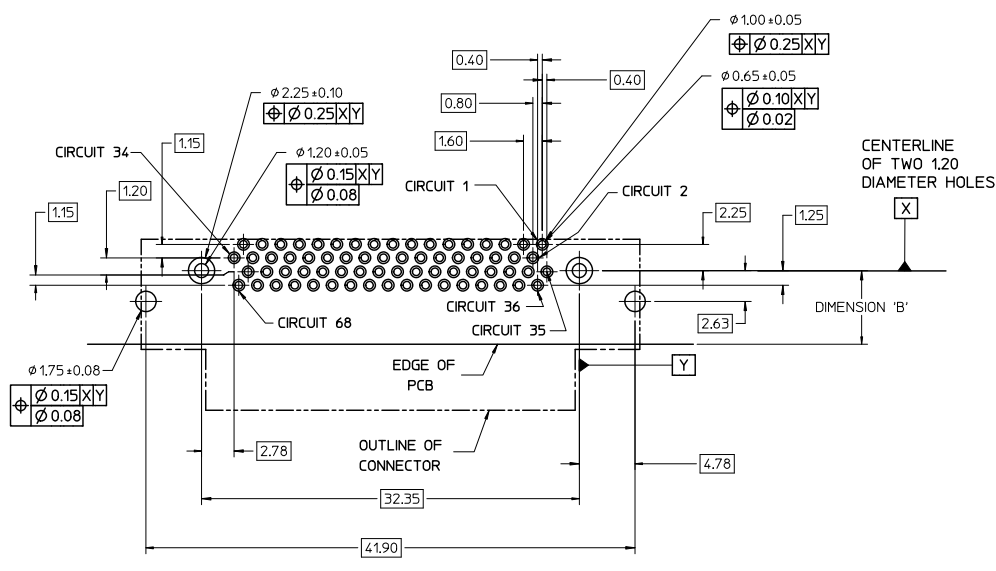


OPTIONAL SCREWLOCK  
PART NUMBER 71433-2002 SHOWN  
(SEE GUIDELINE FOR CHOOSING  
A SCREWLOCK ON SHEET 3)

SEE SHEET 1 EIC NO. UCF2011-2/76 DRAWN BY: BBARKER 2011/02/17 CHECKED BY: SMILLER APPR: SMILLER 2011/02/25 REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	4 PLACES ± mm ± INCH 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM ONLY	4:1	METRIC	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: BBARKER DATE: 2011/02/17 CHECKED BY: SMILLER DATE: _____ APPROVED BY: SMILLER DATE: 2011/02/25	TITLE	VHDCI RIGHT ANGLE ASSEMBLY	
			MATERIAL NO. SEE TABLE DOCUMENT NO. SD-71430-3000	MOLEX INCORPORATED		SHEET NO. 2 OF 3

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

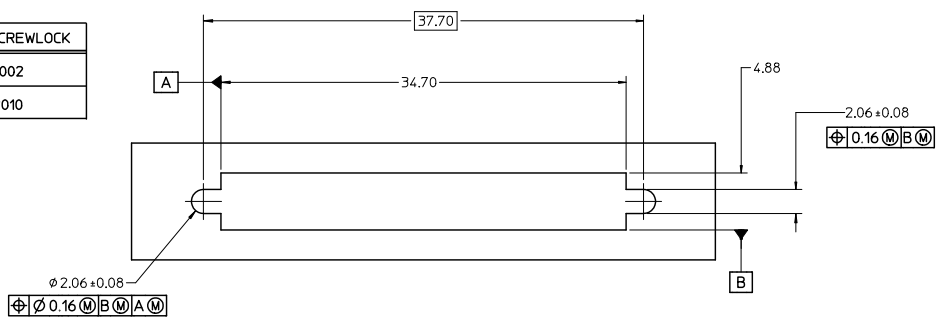


NOTES:

- 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. UEP2011-2476 DRAWN BY: BBARKER 2011/02/17 CHECKED BY: CHK05SMART APPR: SMILLER 2011/02/25 REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH	MM ONLY	4:1	METRIC	V H D C I R I G H T A N G L E A S S E M B L Y
	4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.13 ±--- 1 PLACE ±0.25 ±--- ANGULAR ±1/2°	DRAWN BY: BBARKER 2011/02/17 CHECKED BY: SMILLER 2011/02/25 APPROVED BY: SMILLER 2011/02/25	DATE	DATE	DATE	M O L E X M O L E X I N C O R P O R A T E D
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.: SEE TABLE DOCUMENT NO.: SD-71430-3000	SIZE: C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO.: 3 OF 3	

12 11 10 9 8 7 6 5 4 3 2 1