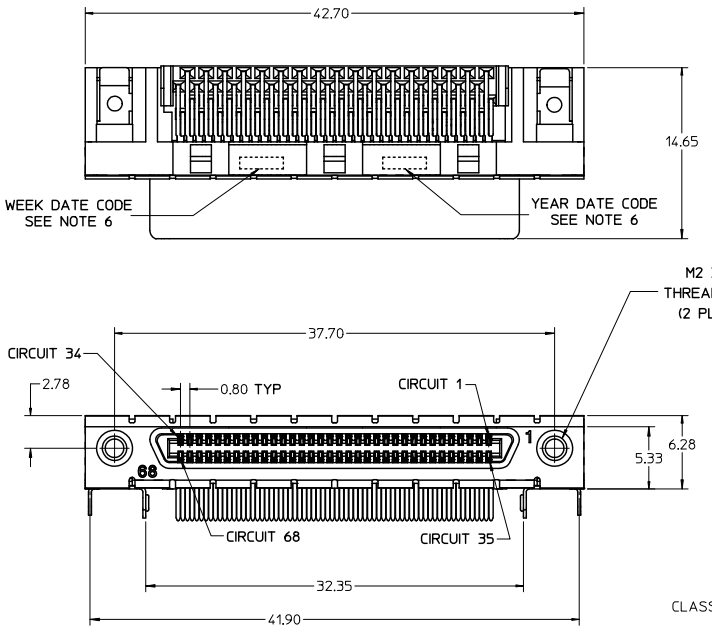
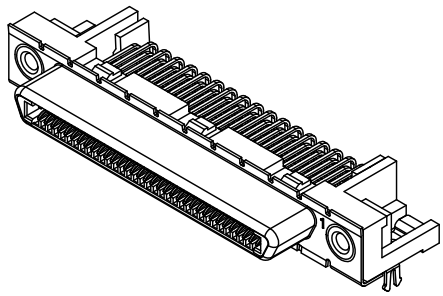
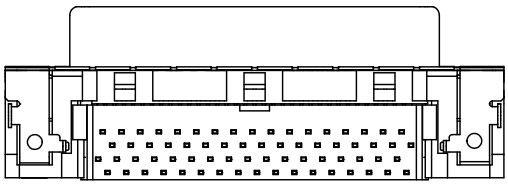
NOTES:
1. MATERIALS:
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94 V-0, COLOR:BLACK
   TAIL ALIGNER: HIGH TEMPERATURE THERMOPLASTIC,
   TERMINAL: HIGH PERFORMANCE COPPER ALLOY
   BRACKET: BRASS
   SHELL: STEEL
   INSERT: BRASS
2. FINISHES:
   TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN CRITICAL AREA. 1.87 MICROMETERS MINIMUM TIN IN SOLDER TAIL AREA OVER 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.
3. PART PERFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.
4. PACKAGE 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.





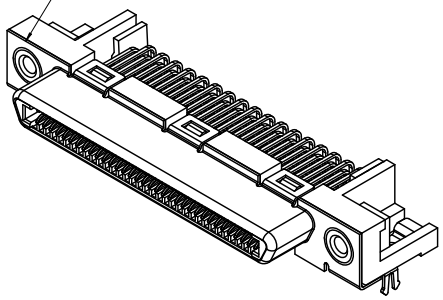


CHANGE PACKAGING	2010/02/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS
ECC NO: UCP2010-1970	2010/02/11				MM ONLY	4:1	METRIC
DRWN:MSIBARRA	11/15/2002		mm	INCH	DRAWN BY / DATE	TITLE	
CHKD:BBARKER	11/15/2002		4 PLACES ± ---	± ---	KSTILES 11/14/2002	VHDCI RIGHT ANGLE ASSEMBLY	
APPR:SMILLER	2010/04/20		3 PLACES ± ---	± ---	CHECKED BY / DATE		
DESCRIPTION			2 PLACES ± 0.13	± ---	KSTILES 11/15/2002		
M	REV		1 PLACE ± 0.25	± ---	APPROVED BY / DATE	MOLEX INCORPORATED	
			ANGULAR ±1/2°		MBNAKIS 11/22/2002		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-71430-015	SHEET NO. 1 OF 3

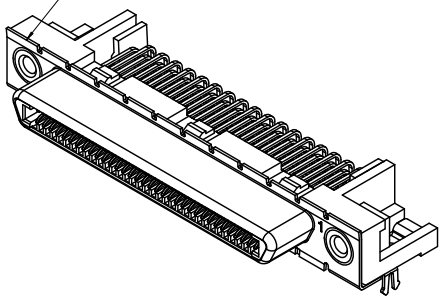
SIZE C

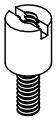
PCB THICKNESS	PART NUMBER	TAIL LENGTH "T"	ENHANCED GROUND TABS	SCREWLOCKS	TAIL LOC. "A"	HOLE LOCATION "B"
1.60	71430-0101	2.08	NO	NONE	5.50	6.50 MAXIMUM
1.60	71430-0007	2.08	NO	LOOSE IN BAGS		
1.60	71430-0005	2.08	YES	NONE		
1.60	71430-0008	2.08	YES	LOOSE IN BAGS		
2.36	71430-0268	2.71	NO	NONE		
2.36	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		

SHIELD WITH STANDARD GROUND TABS



SHIELD WITH ENHANCED GROUND TABS





OPTIONAL SCREWLOCK
PART NUMBER 71433-0002

SEE SHEET 1
EC NO: UCP2010-1970 2010/02/11
DRWN:MSIBARRA 11/15/2002
CHKD:BBARKER
APPR:SMILLER 2010/04/20
DESCRIPTION
REV
M

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°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

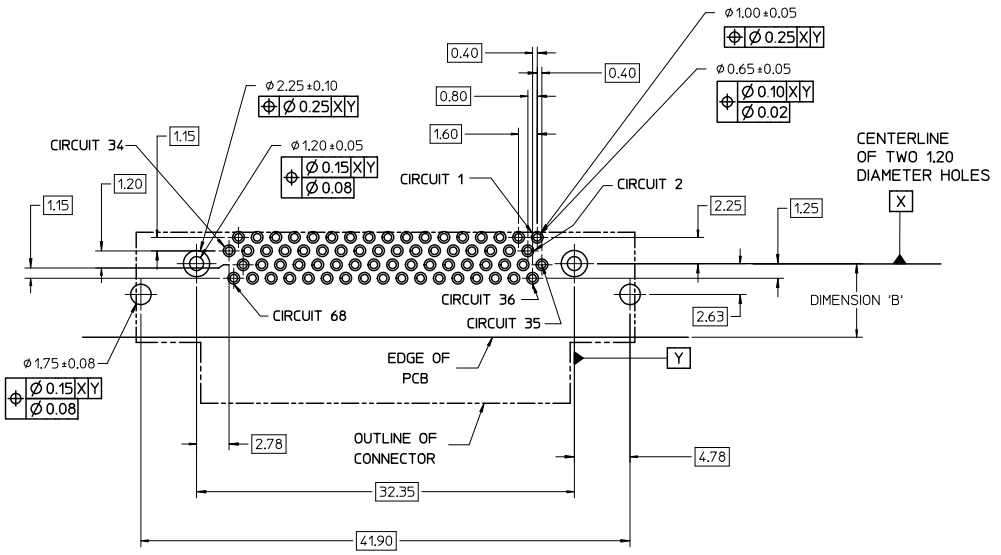
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	KSTILES	11/14/2002
CHECKED BY	KSTILES	11/15/2002
APPROVED BY	MBNAKIS	11/22/2002

TITLE: VHDCI RIGHT ANGLE ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-71430-015
SHEET NO.: 2 OF 3
SIZE: C



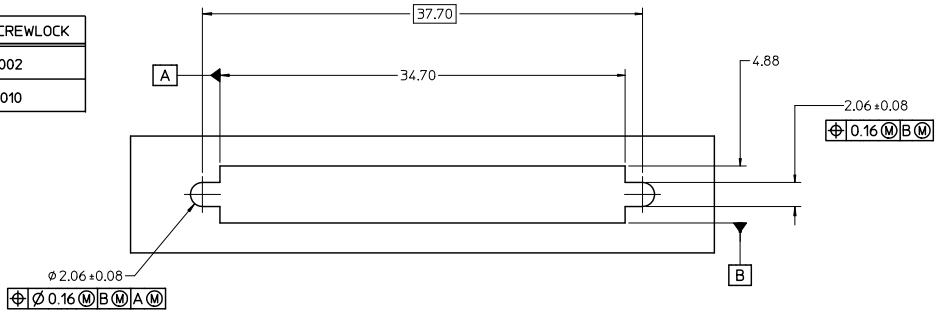
NOTES:

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. 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: UCP2010-1970 2010/02/11
DRWN:MSIBARRA 11/15/2002
CHKD:BBARKER 2010/04/20
APPR:SMILLER
DESCRIPTION
REV
M

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°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

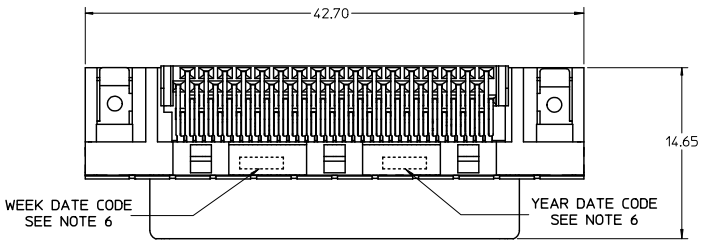
		DATE
DRAWN BY	KSTILES	11/14/2002
CHECKED BY	KSTILES	11/15/2002
APPROVED BY	MBNAKIS	11/22/2002

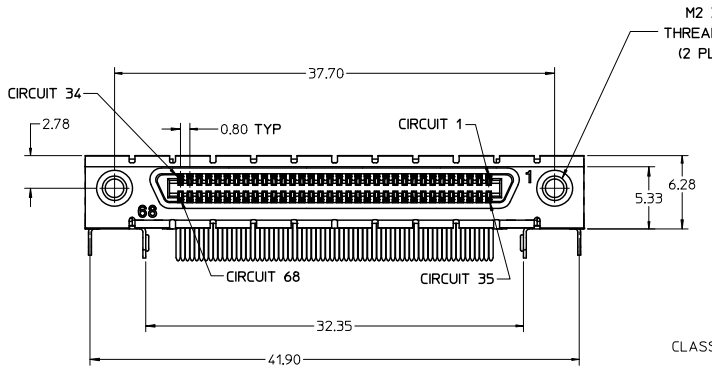
TITLE: VHDCI RIGHT ANGLE ASSEMBLY

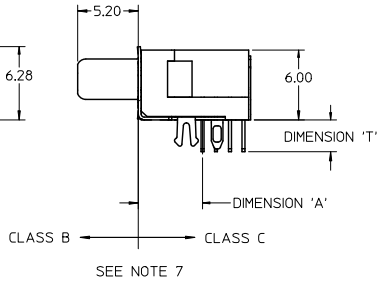
MOLEX INCORPORATED

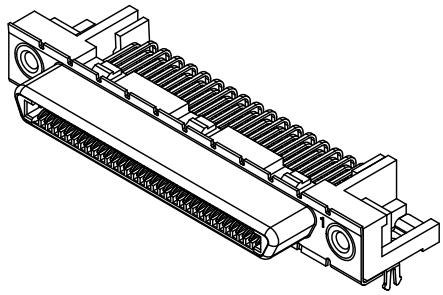
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-71430-015
SHEET NO.: 3 OF 3
SIZE: C

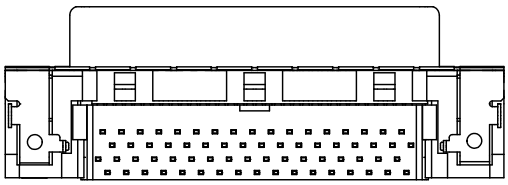
NOTES:
1. MATERIALS:
   HOUSING: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR:BLACK
   TAIL ALIGNER: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP),
   TERMINAL: HIGH PERFORMANCE COPPER ALLOY
   SHIELD: STEEL
   THREADED INSERT: BRASS - LEAD FREE
2. FINISHES:
   TERMINAL: 0.05-0.25 MICROMETERS 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.









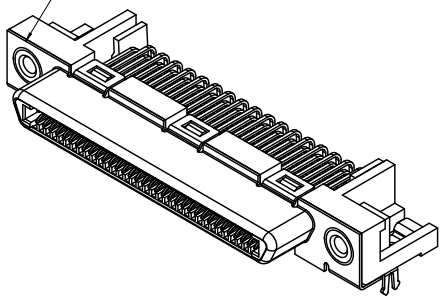


ALL ASSEMBLIES ON THIS DRAWING ARE LEAD-FREE

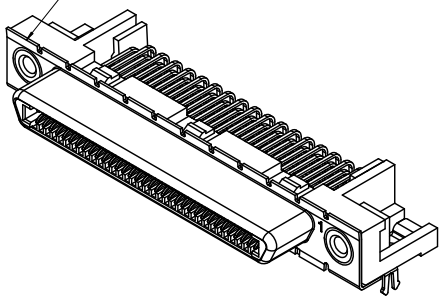
INITIAL RELEASE	2011/02/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
ECC NO: UCP2011-2476	2011/02/25		mm / INCH	MM ONLY	4:1	METRIC	
DRWN:BBARKER			4 PLACES ± --- / ± ---	DRAWN BY / DATE	TITLE		
CHK'D:BSMART			3 PLACES ± --- / ± ---	BBARKER 2011/02/17	VHDCI RIGHT ANGLE ASSEMBLY		
APPR:SMILLER			2 PLACES ± 0.13 / ± ---	CHECKED BY / DATE			
DESCRIPTION			1 PLACE ± 0.25 / ± ---	APPROVED BY / DATE	molex MOLEX INCORPORATED		
REV			ANGULAR ±1/2°	SMILLER 2011/02/25			
A			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-71430-3000	SHEET NO. 1 OF 3	
				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

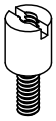
PCB THICKNESS	PART NUMBER	TAIL LENGTH "T" +0.50/-0.25	ENHANCED GROUND TABS	SCREWLOCKS (SEE GUIDELINE FOR CHOOSING A SCREWLOCK ON SHEET 3)	TAIL LOCATION "A"	PCB HOLE LOCATION "B"
1.60		2.08	NO	NONE	5.50	6.50 MAXIMUM
1.60		2.08	NO	71433-2002 LOOSE IN BAGS		
1.60		2.08	YES	NONE		
1.60		2.08	YES	71433-2002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

SHIELD WITH STANDARD GROUND TABS



SHIELD WITH ENHANCED GROUND TABS





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

SEE SHEET 1
EC NO: UCP2011-2476 2011/02/17
DRWN:BBARKER
CHKD:BSMART
APPR:SMILLER 2011/02/25
DESCRIPTION
REV
A

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°		

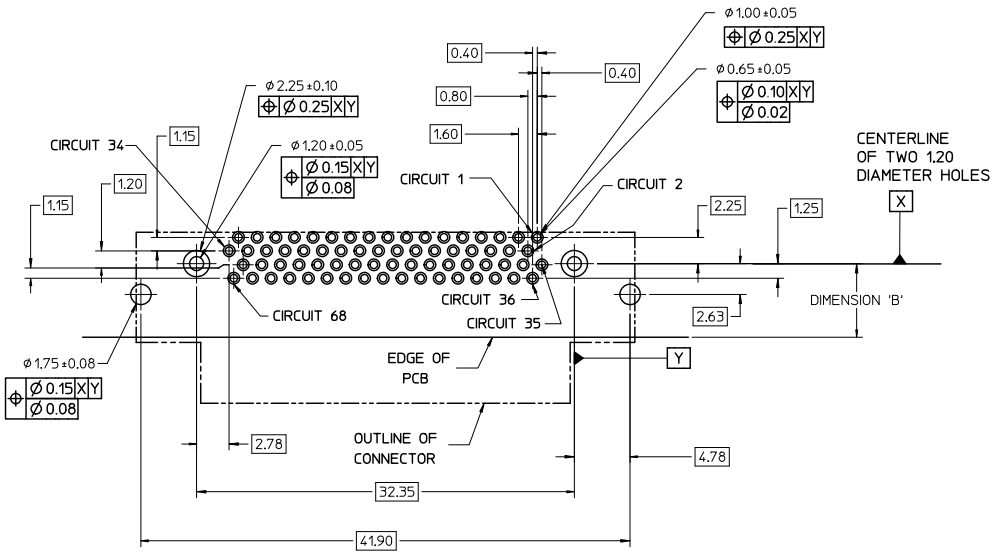
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: BBARKER DATE: 2011/02/17
CHECKED BY: DATE:
APPROVED BY: SMILLER DATE: 2011/02/25
MATERIAL NO.: SEE TABLE
SIZE: C

TITLE: VHDCI RIGHT ANGLE ASSEMBLY

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-71430-3000
SHEET NO.: 2 OF 3



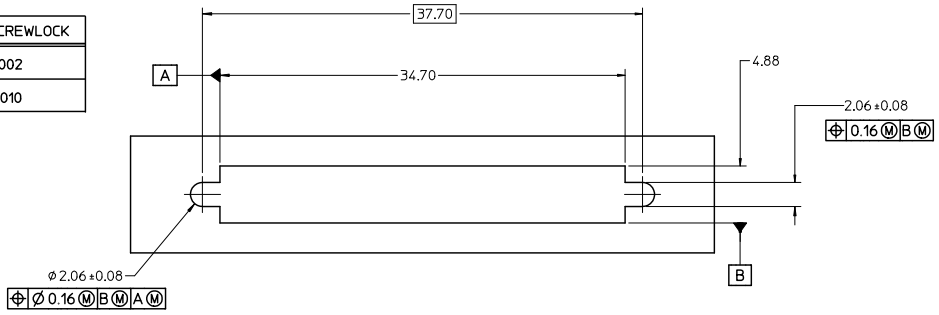
NOTES:

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: UCP2011-2476 2011/02/17
DRWN:BBARKER
CHKD:BSMART
APPR:SMILLER 2011/02/25
DESCRIPTION
REV
A

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°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
DRAWN BY: BBARKER DATE: 2011/02/17
CHECKED BY: DATE:
APPROVED BY: SMILLER DATE: 2011/02/25
MATERIAL NO.: SEE TABLE
TITLE: VHDCI RIGHT ANGLE ASSEMBLY
molex MOLEX INCORPORATED
DOCUMENT NO.: SD-71430-3000
SHEET NO.: 3 OF 3
SIZE: C