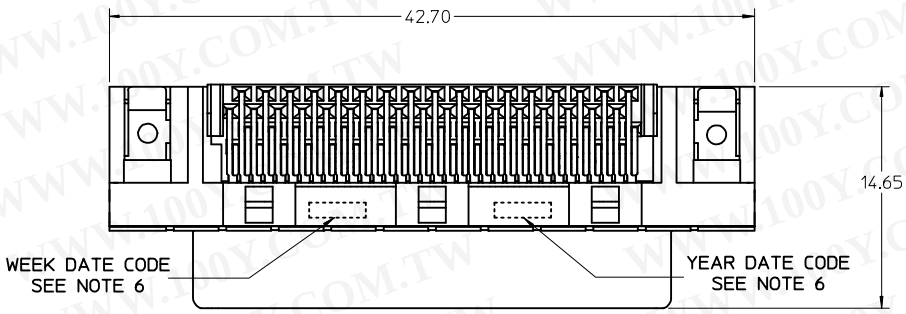
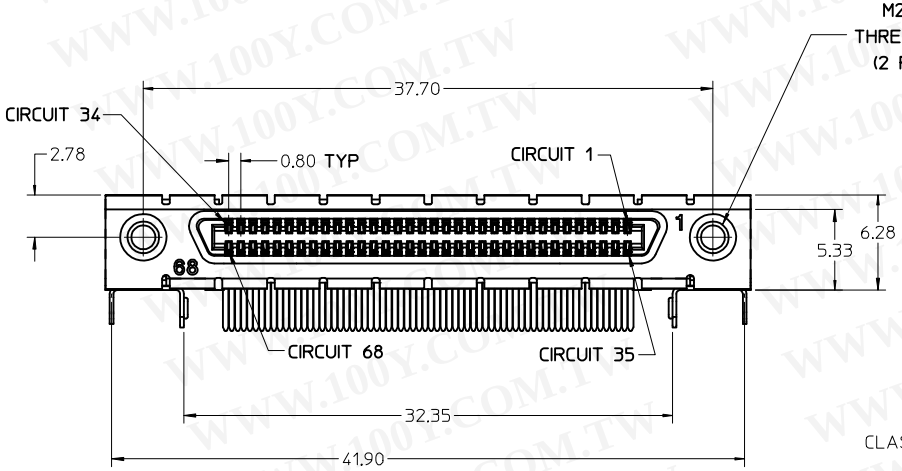
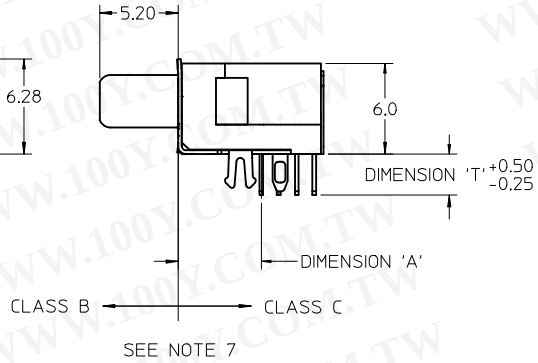
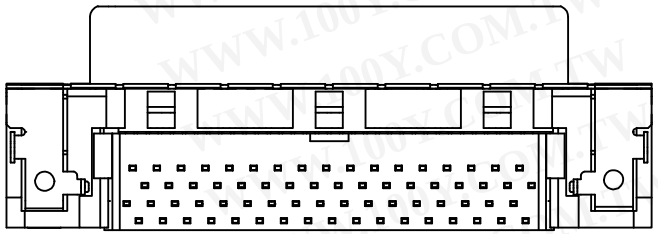
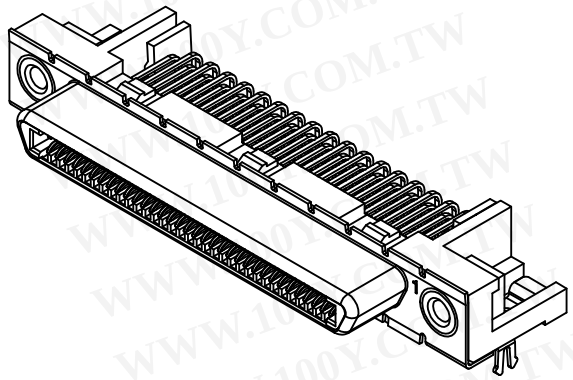










NOTES:
1. MATERIALS:
   HOUSING: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK
   TAIL ALIGNER: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP),
   TERMINAL: PHOSPHOR BRONZE
   BRACKET: BRASS
   SHELL: STEEL
   INSERT: BRASS
2. FINISHES:
   TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN 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.

FIX TAIL TOLERANCE
EC NO: UCP2012-3896 2012/05/29
DRWN:BBARKER
CH'KD:MWOLFE
APPR:SMILLER 2012/08/31
DESCRIPTION
N
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

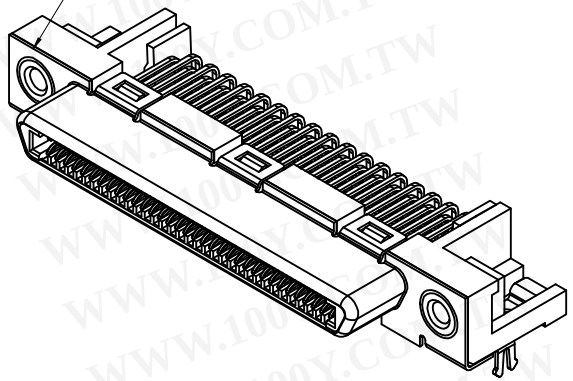
DRAWN BY	KSTILES	DATE 11/14/2002
CHECKED BY	KSTILES	DATE 11/15/2002
APPROVED BY	MBNAKIS	DATE 11/22/2002

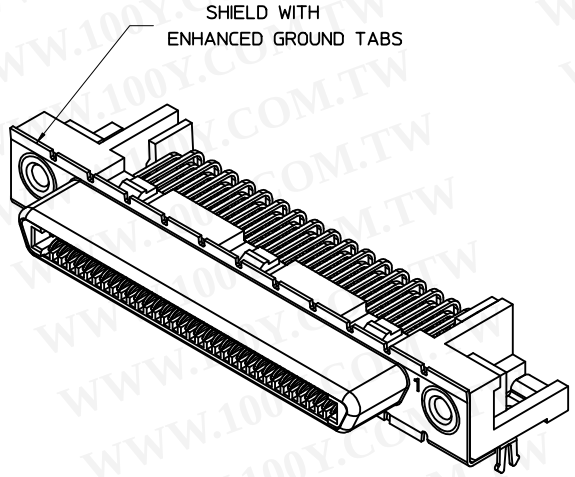
TITLE: VHDCI RIGHT ANGLE ASSEMBLY

molex

MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SD-71430-015
SHEET NO.: 1 OF 3
SIZE: C

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 2012/05/29
DRWN:BBARKER
CHKD:MMOLFE
APPR:SMILLER 2012/08/31
DESCRIPTION
N
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

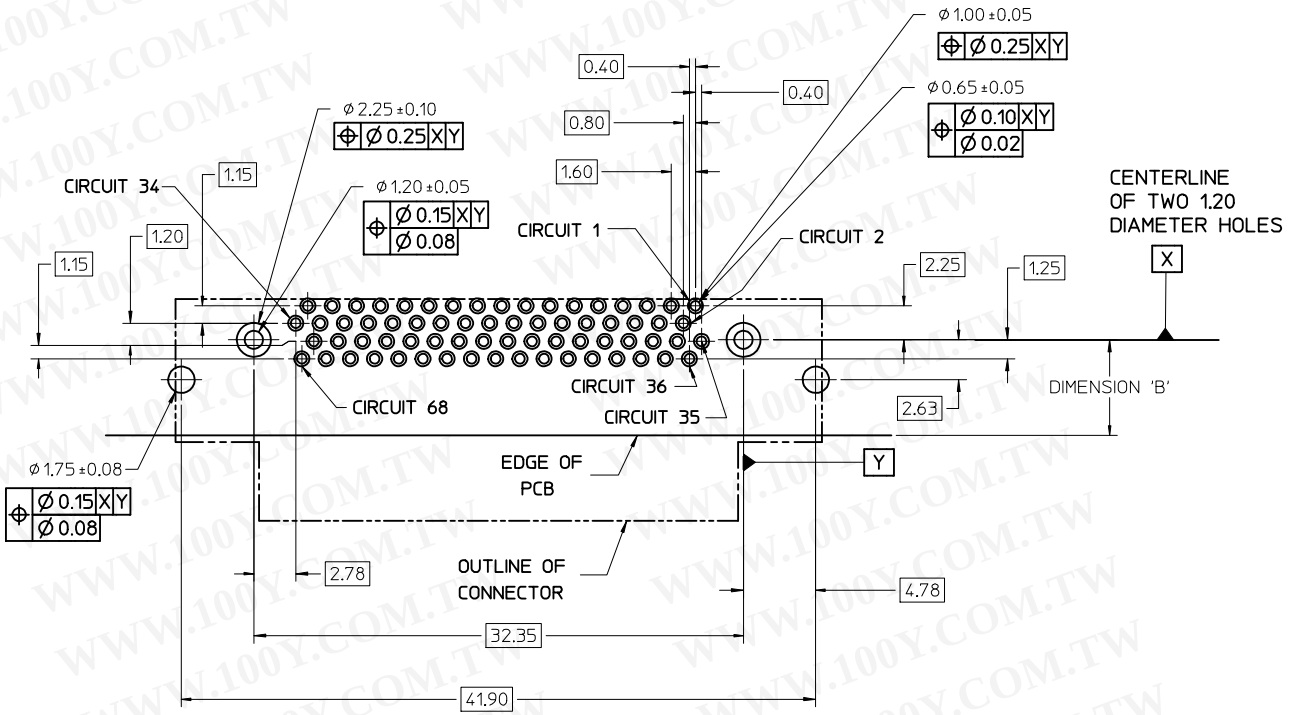
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KSTILES DATE: 11/14/2002
CHECKED BY: KSTILES DATE: 11/15/2002
APPROVED BY: MBNAKIS DATE: 11/22/2002
MATERIAL NO.: SEE TABLE

TITLE: VHDCI RIGHT ANGLE ASSEMBLY

molex

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



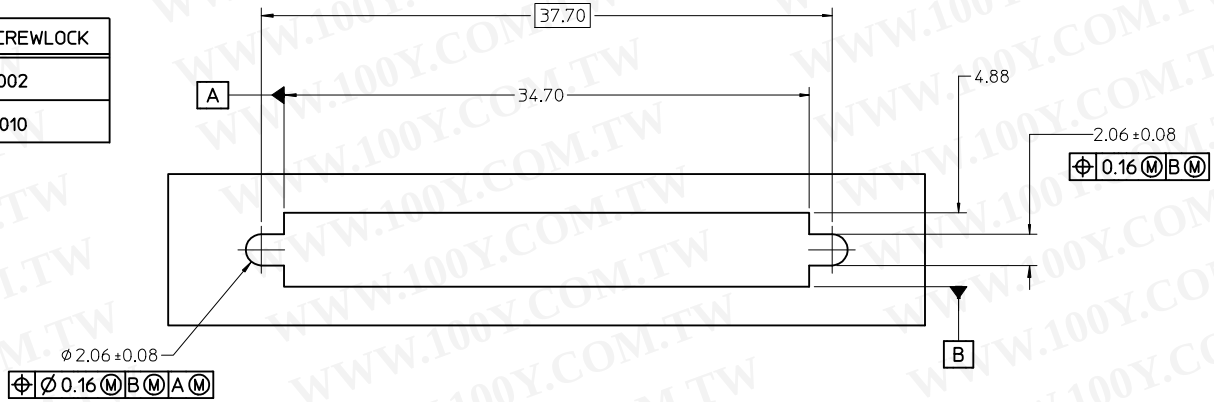
NOTES:

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: UCP2012-3896 2012/05/29
DRWN:BBARKER
CHKD:MWOLFE
APPR:SMILLER 2012/08/31
DESCRIPTION
N
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

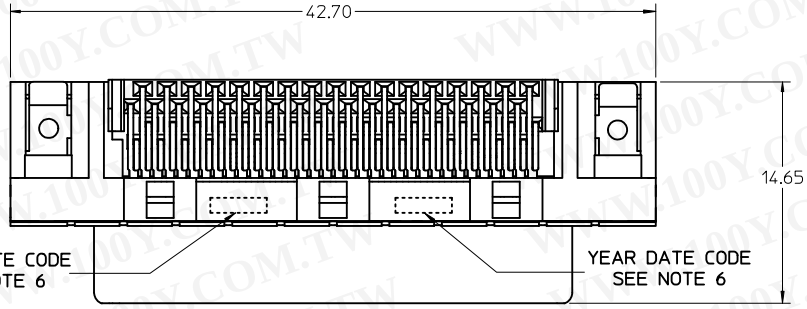
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

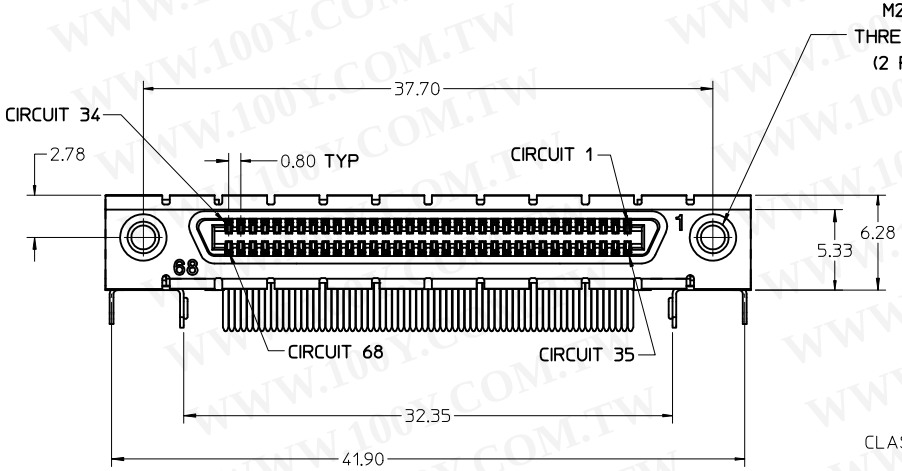
		DATE
DRAWN BY	KSTILES	11/14/2002
CHECKED BY	KSTILES	11/15/2002
APPROVED BY	MBNAKIS	11/22/2002

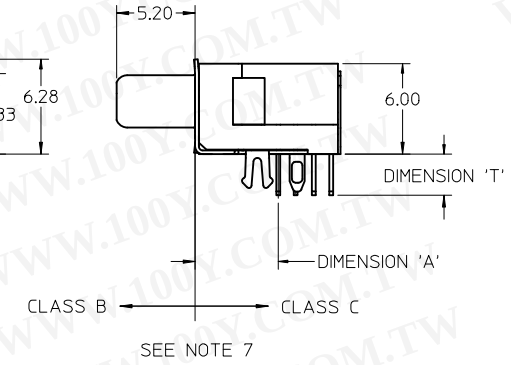
TITLE: VHDCI RIGHT ANGLE ASSEMBLY

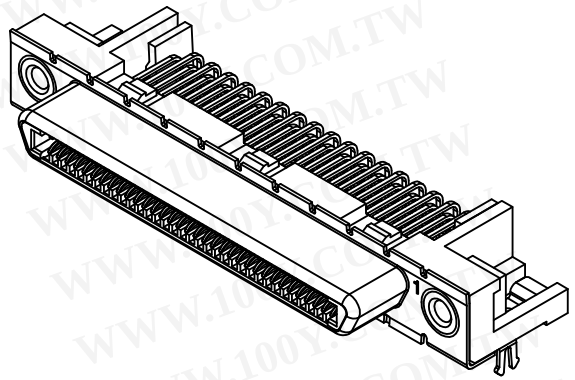
molex

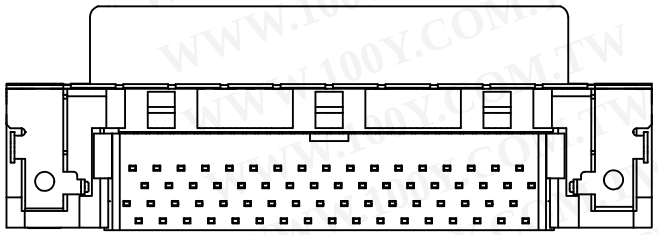
MATERIAL NO.: SEE SHEET 2
DOCUMENT NO.: SD-71430-015
SHEET NO.: 3 OF 3
SIZE: C











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
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 THRDED INSRT	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY
EC NO: UCP2012-2552 2012/02/09			SCALE: 4:1
DRWN:BBARKER 2012/03/22			DESIGN UNITS: METRIC
CH'KD:DMORGAN			THIRD ANGLE PROJECTION
APPR:SMILLER			
DESCRIPTION			
REV: B			

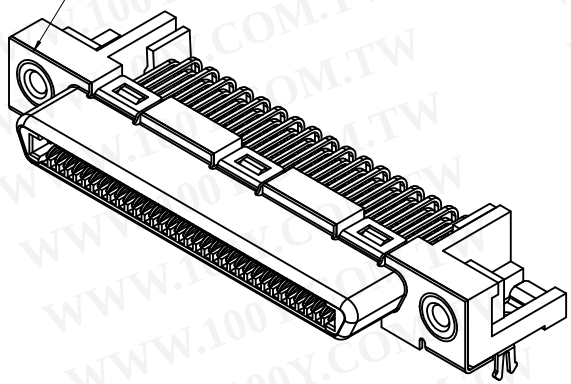
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

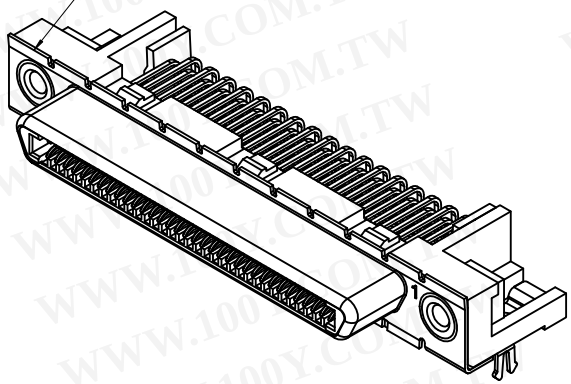
DRAWN BY: BBARKER	DATE: 2011/02/17	TITLE: VHDCI RIGHT ANGLE ASSEMBLY
CHECKED BY: BSMART	DATE: 2011/02/17	
APPROVED BY: SMILLER	DATE: 2011/02/25	MOLEX INCORPORATED
MATERIAL NO.: SEE TABLE		DOCUMENT NO.: SD-71430-3000
SIZE: C		SHEET NO.: 1 OF 3

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: UCP2012-2552 2012/02/09
DRWN:BBARKER
CH'KD:DMORGAN 2012/03/22
APPR:SMILLER
DESCRIPTION
B
REV

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

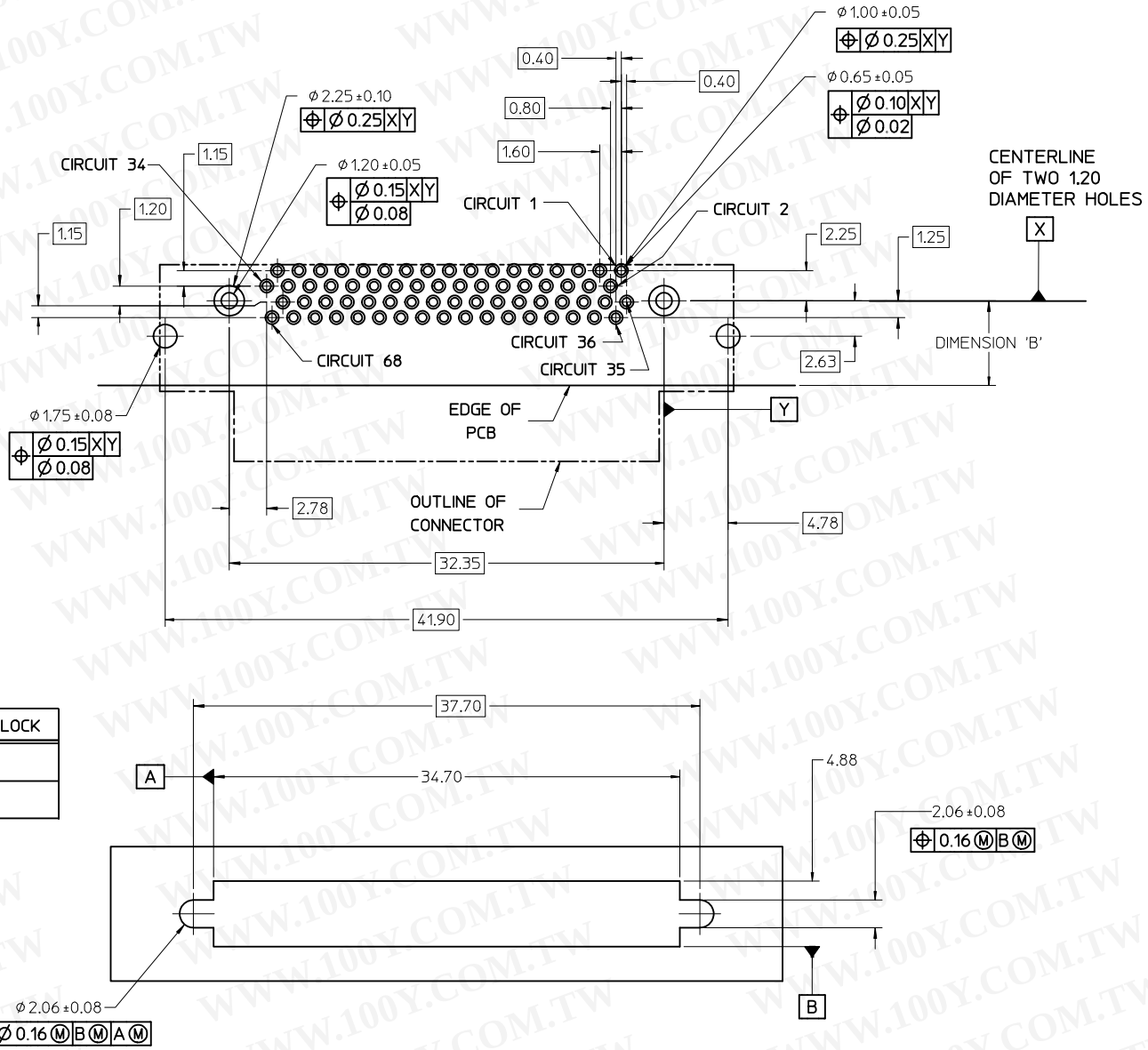
		DATE
DRAWN BY	BBARKER	2011/02/17
CHECKED BY	BSMART	2011/02/17
APPROVED BY	SMILLER	2011/02/25

TITLE: VHDCI RIGHT ANGLE ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-71430-3000
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. 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 2012/02/09
DRWN:BBARKER
CH'KD:DMORGAN
APPR:SMILLER 2012/03/22
DESCRIPTION
REV
B

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	BBARKER	2011/02/17
CHECKED BY	BSMART	2011/02/17
APPROVED BY	SMILLER	2011/02/25

TITLE: VHDCI RIGHT ANGLE ASSEMBLY

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-71430-3000
SHEET NO.: 3 OF 3
SIZE: C