

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

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.

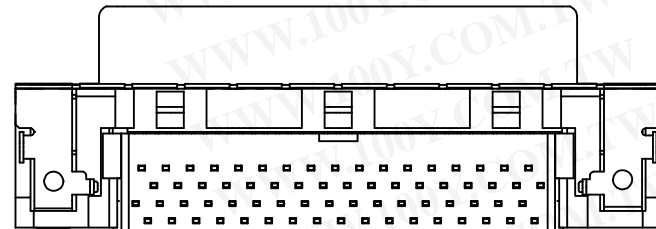
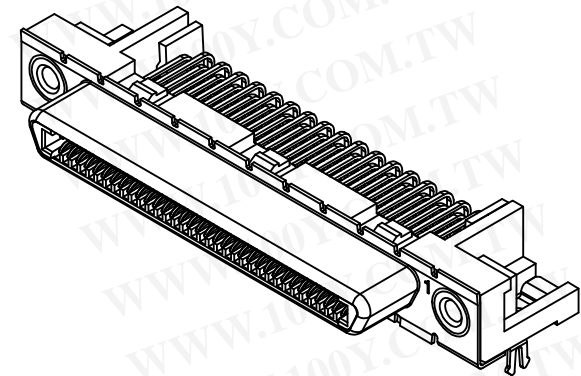
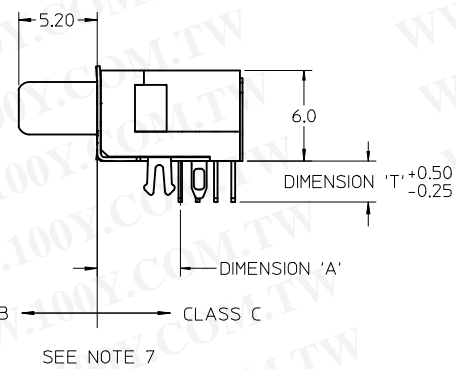
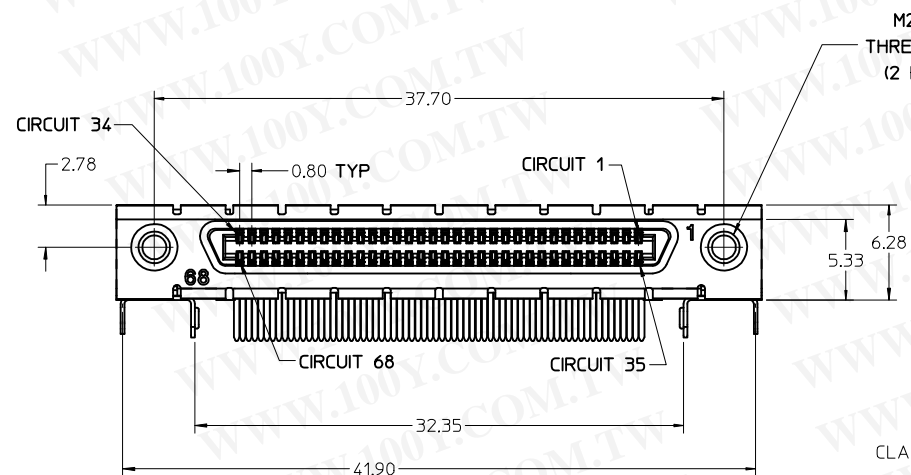
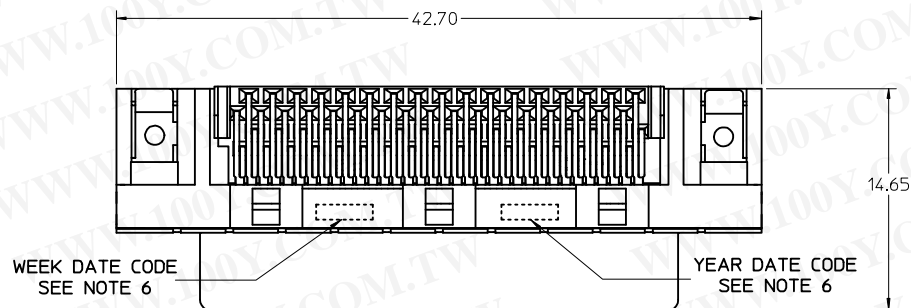
4. PACKAGED PER PK-71430-0101.

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

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

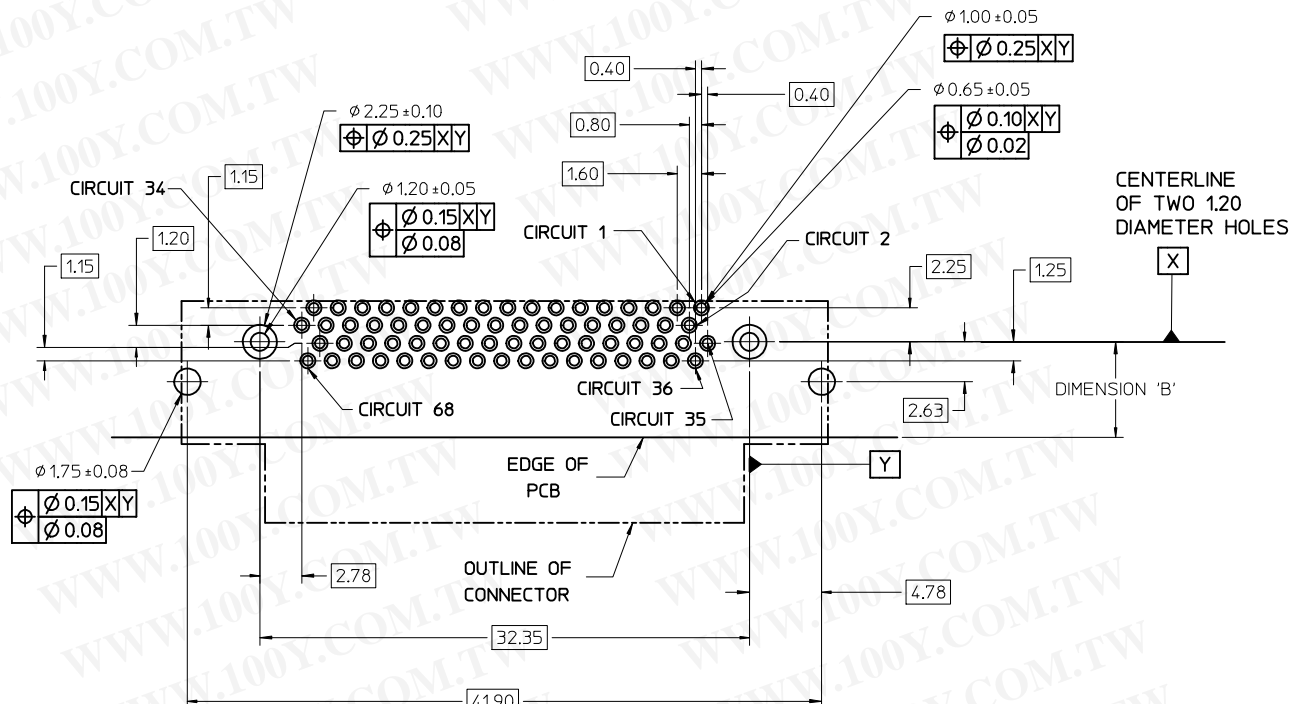
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.  
 SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

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



FIX TAIL TOLERANCE EC NO: UCP 2012-3896 DRW: BARKER 2012/05/29 CHK: MWOLFE APPR: SWILLER 2012/08/31	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 ± ±	DIMENSION STYLE MM ONLY DRAWN BY DATE KSTILES 11/14/2002 CHECKED BY DATE KSTILES 11/15/2002 APPROVED BY DATE MBNAKIS 11/22/2002	SCALE 4:1 TITLE VHDCl RIGHT ANGLE ASSEMBLY	DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-71430-015	SHEET NO. 1 OF 3	
	ANGULAR ±1/2°	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					
	REV N	DESCRIPTION VHDCl RIGHT ANGLE ASSEMBLY							





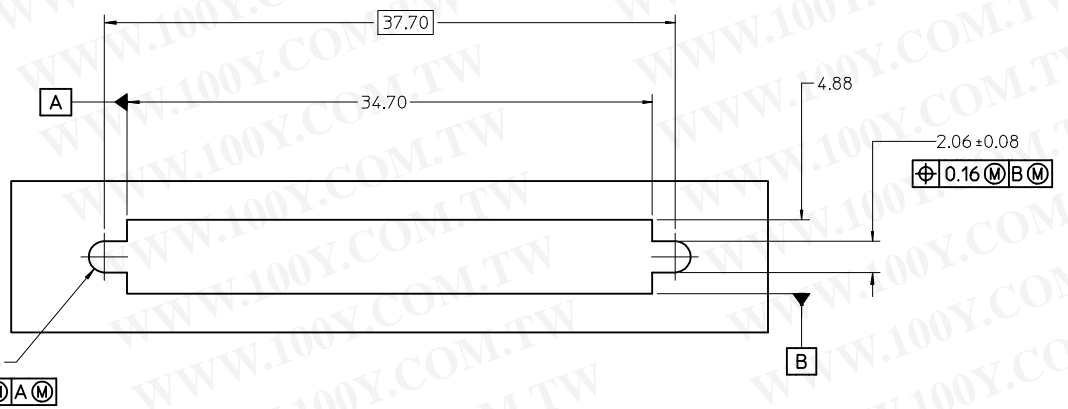
**NOTES:**

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



<b>SEE SHEET 1</b> EC NO: UCP2012-3896 DRW: BARKER 2012/05/29 CHK: WOLFE APPR: MILLER 2012/08/31	QUALITY SYMBOLS 	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>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.13</td> <td>± 0.005</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> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.13	± 0.005	2 PLACES	± 0.13	± 0.005	1 PLACE	± 0.25	± 0.010	0 PLACE	±	±	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY DATE KSTILES 11/14/2002 CHECKED BY DATE KSTILES 11/15/2002 APPROVED BY DATE MBNAKIS 11/22/2002	SCALE <b>4:1</b> TITLE <b>VHDCI RIGHT ANGLE ASSEMBLY</b>	DESIGN UNITS <b>METRIC</b> THIRD ANGLE PROJECTION	<b>molex</b>	MATERIAL NO. <b>SEE SHEET 2</b>	DOCUMENT NO. <b>SD-71430-015</b>	SHEET NO. <b>3 OF 3</b>
		mm	INCH																								
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1 PLACE	± 0.25	± 0.010																									
0 PLACE	±	±																									
ANGULAR ±1/2°		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																							

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.

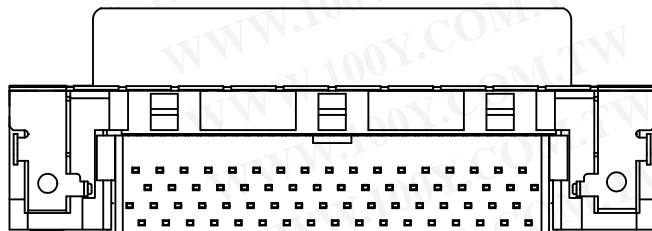
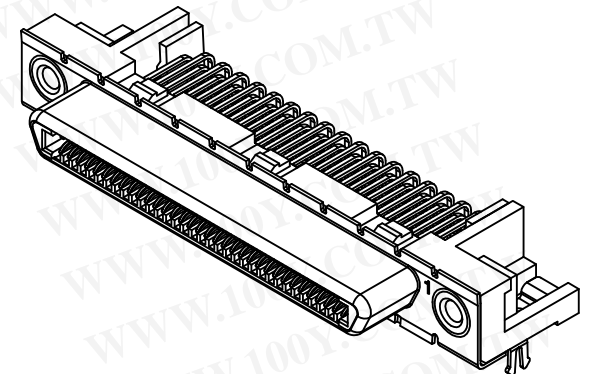
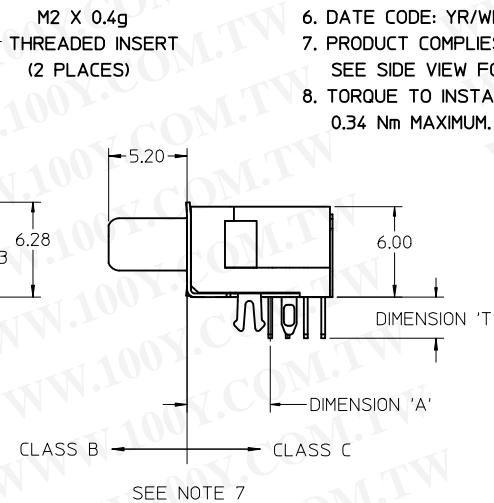
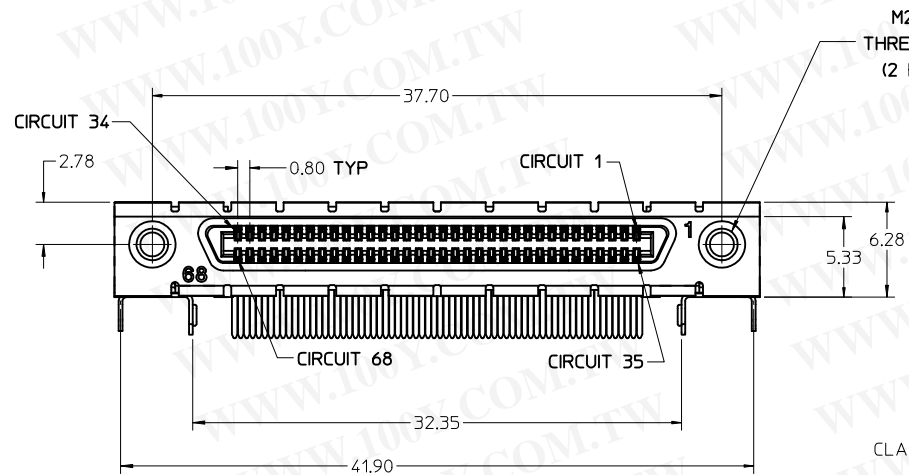
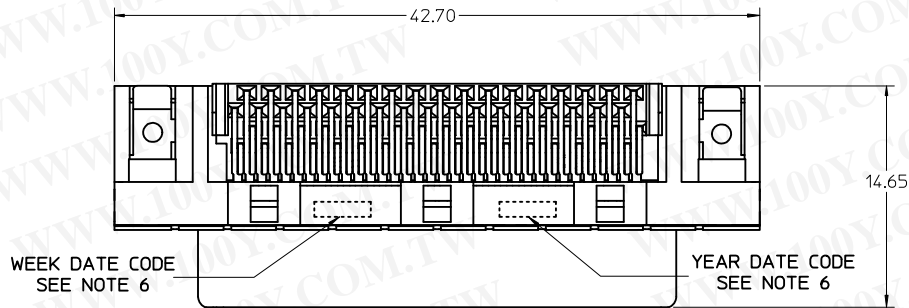
4. PRODUCT IS PACKAGED PER PK-71430-0101.

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

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

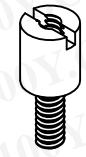
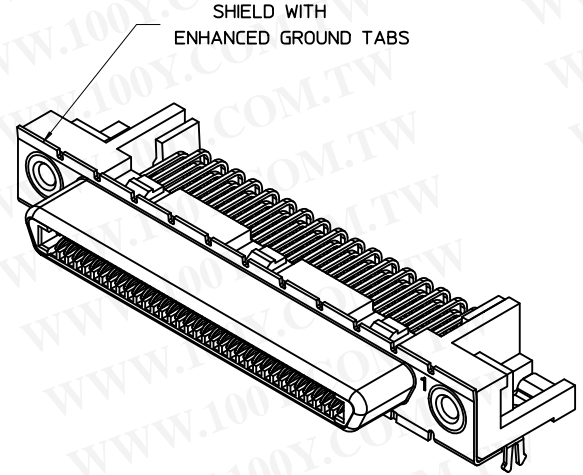
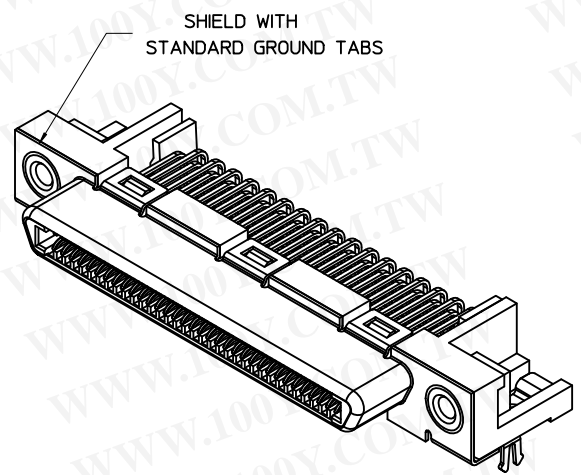
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.  
SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

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



CHG THRD INSRT EC NO: UCP2012-2552 DRW:BBARKER 2012/02/09 CHK:DJMORGAN 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 VHDCI 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 MOLEX INCORPORATED								
	MOLEX 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 DRAWN: BBARKER 2012/02/09 CHKD: DMORGAN APPR: SMILLER 2012/03/22	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY BBARKER	DATE 2011/02/17	VHDCI RIGHT ANGLE ASSEMBLY  MOLEX INCORPORATED				
		4 PLACES ± ---	± ---	CHECKED BY BSMART	DATE 2011/02/17					
		3 PLACES ± ---	± ---	APPROVED BY SMILLER	DATE 2011/02/25	MATERIAL NO. <b>SEE TABLE</b>		DOCUMENT NO. SD-71430-3000		SHEET NO. 2 OF 3
2 PLACES ± 0.13	± ---	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				
1 PLACE ± 0.25	± ---									

