

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.

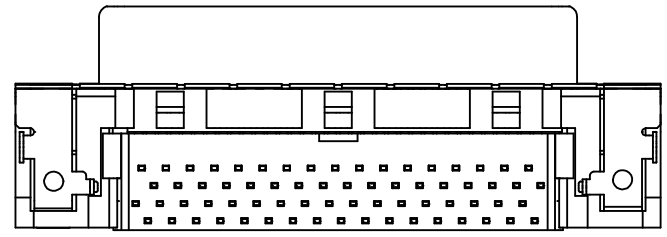
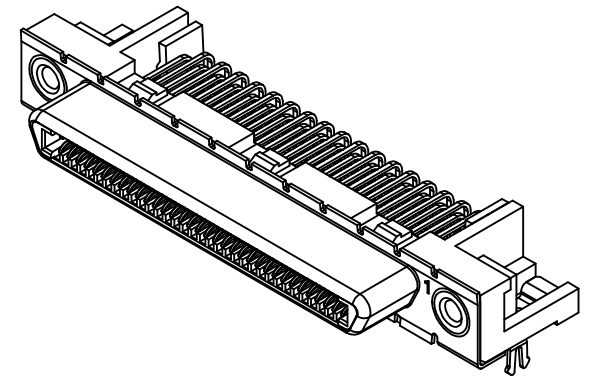
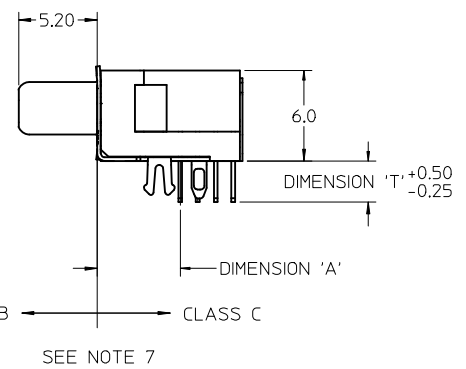
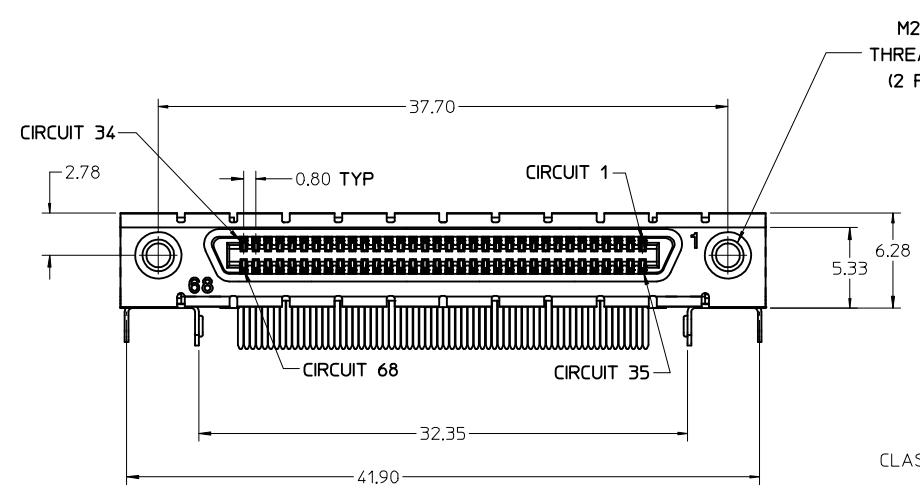
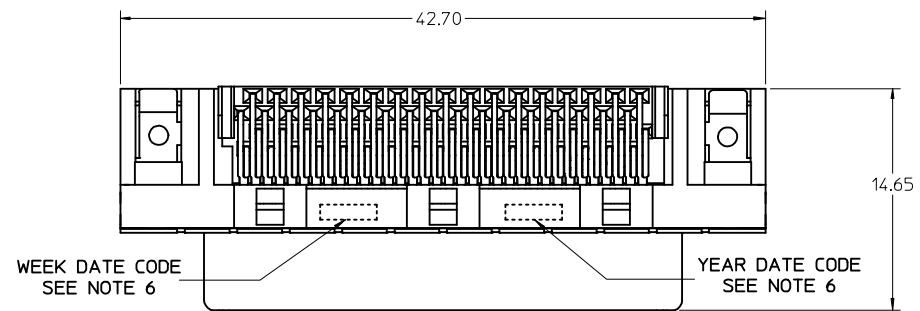
4. PACKAGED PER PK-71430-0101.

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

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

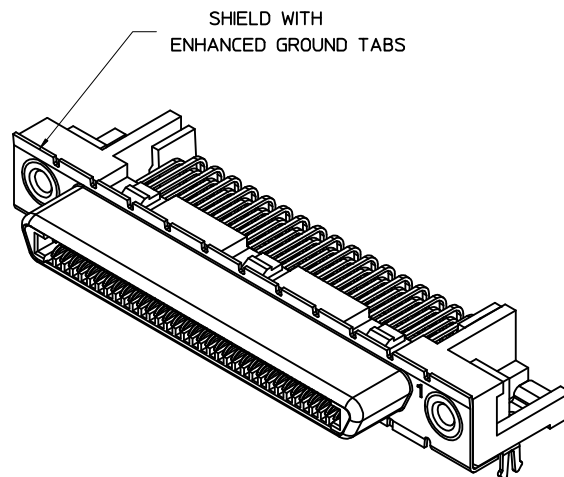
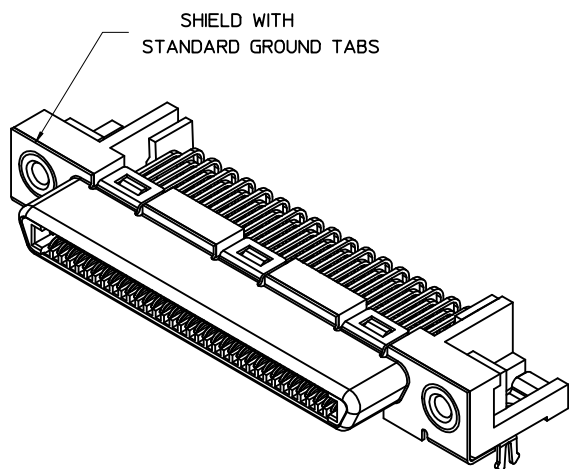
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.
SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

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



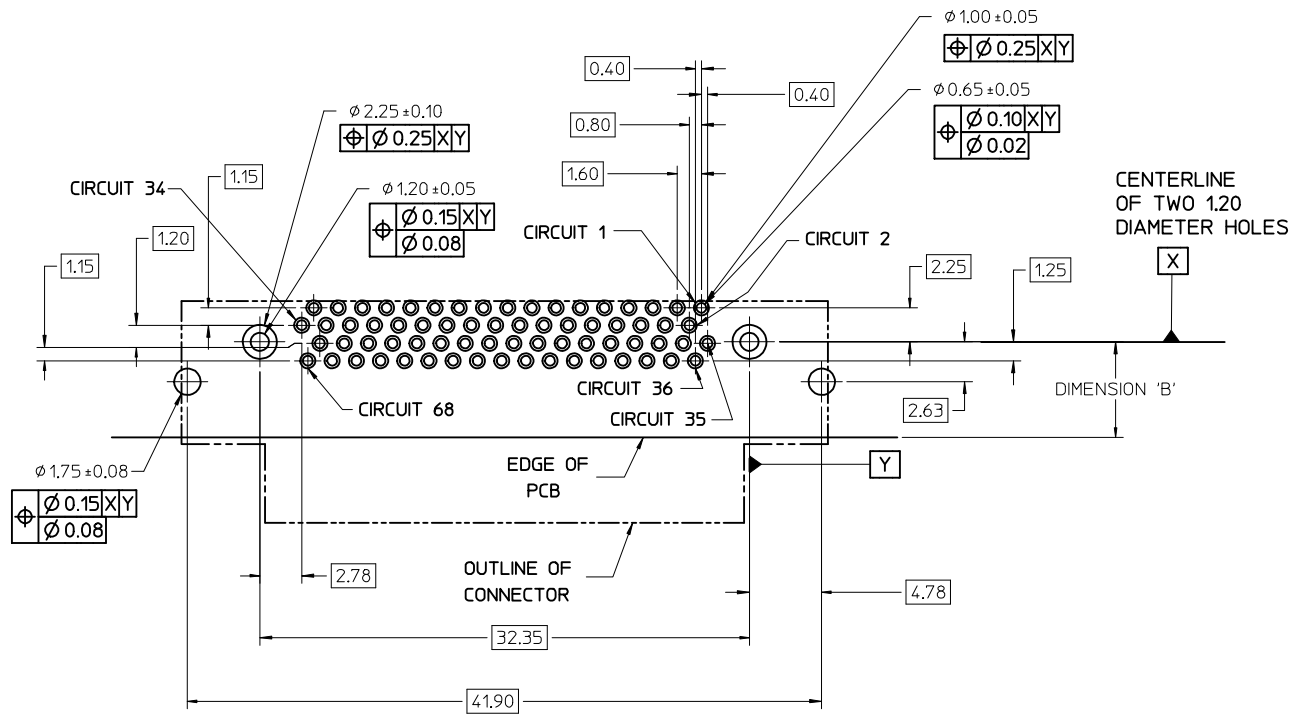
FIX TAIL TOLERANCE EC NO: UCP2012-3896 DRW: BARKER 2012/05/29 CHKD: MWLF APPR: SMILLER 2012/08/31	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION																											
		<table border="1"> <thead> <tr> <th></th> <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>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.38</td> <td>± 0.015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.51</td> <td>± 0.020</td> </tr> <tr> <td>0 PLACE</td> <td>± 0.64</td> <td>± 0.025</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.13	± 0.005	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.38	± 0.015	1 PLACE	± 0.51	± 0.020	0 PLACE	± 0.64	± 0.025	<table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>11/14/2002</td> <td>KSTILES</td> </tr> <tr> <td>11/15/2002</td> <td>KSTILES</td> </tr> <tr> <td>11/22/2002</td> <td>MBNAKIS</td> </tr> </tbody> </table>	DATE	BY	11/14/2002	KSTILES	11/15/2002	KSTILES	11/22/2002	MBNAKIS	DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE	TITLE VHDCI RIGHT ANGLE ASSEMBLY	MATERIAL NO. SEE SHEET 2	DOCUMENT NO. SD-71430-015	SHEET NO. 1 OF 3
		mm	INCH																															
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°	molex																																
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SIZE C	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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=0	3 PLACES ± --- ± ---	KSTILES 11/14/2002	VHDCI RIGHT ANGLE ASSEMBLY		
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE				
	1 PLACE ± 0.25 ± ---	KSTILES 11/15/2002				
	0 PLACE ± ±	APPROVED BY DATE	MATERIAL NO. DOCUMENT NO. SHEET NO.			
		MBNAKIS 11/22/2002	SEE TABLE SD-71430-015 2 OF 3			
		ANGULAR ±1/2°	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				



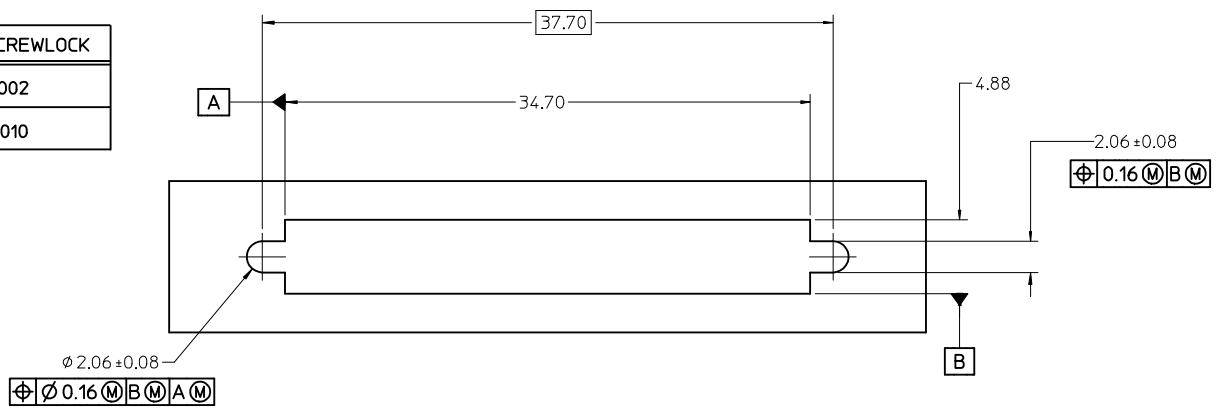
NOTES:

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 DRWN:BBARKER 2012/05/29 CHKD:HWOLFE APPR:SMILLER 2012/08/31	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> <tr> <td>0 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> </tbody> </table>		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	0 PLACE	± 0.25	± 0.010	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 VHDCI RIGHT ANGLE ASSEMBLY	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																					
0 PLACE	± 0.25	± 0.010																					
ANGULAR $\pm 1/2^\circ$		MATERIAL NO.		DOCUMENT NO.																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2		SD-71430-015																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

NOTES:

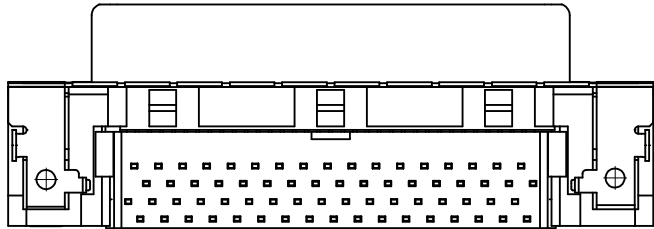
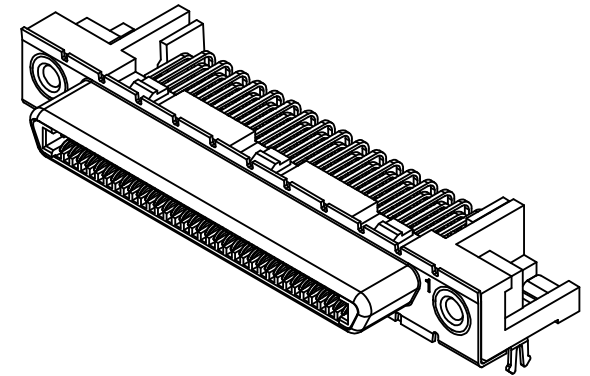
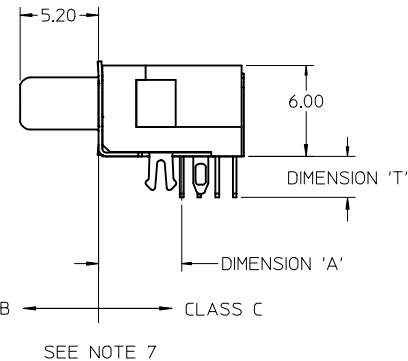
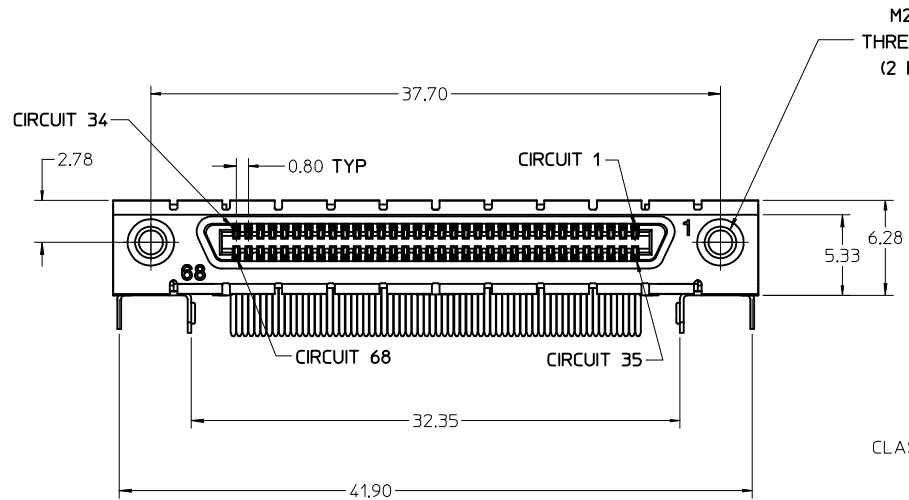
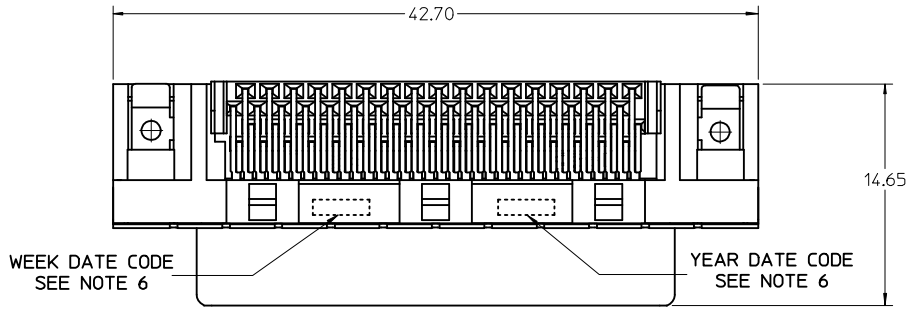
1. MATERIALS:

- 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:

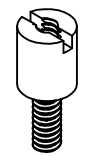
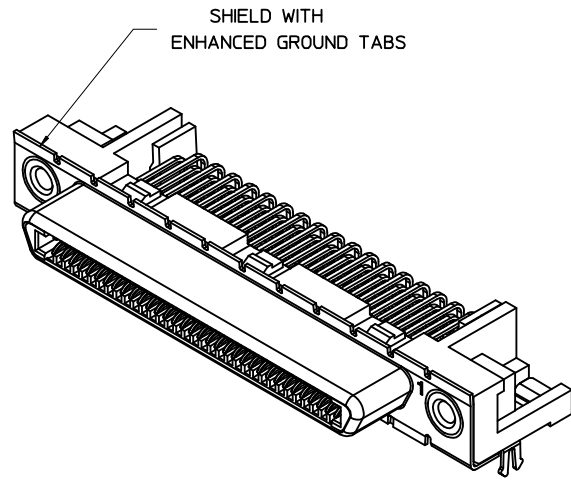
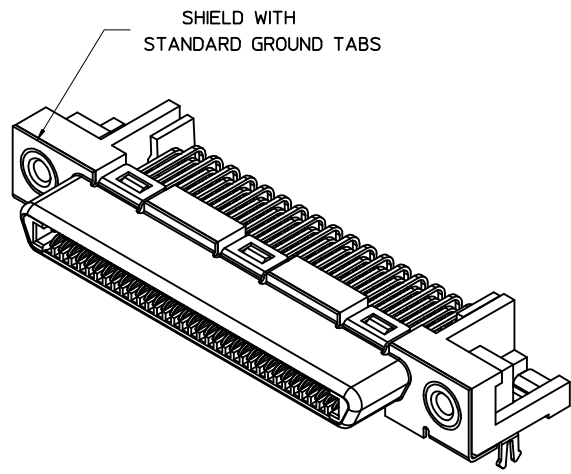
- TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN CRITICAL AREA. 1.87 MICROMETERS MINIMUM MATTE TIN IN SOLDER TAIL AREA. OVERALL NICKEL UNDERPLATE.
- BRACKET: 5.0 MICROMETERS MINIMUM BRIGHT TIN OVER A COPPER UNDERPLATE.
- SHIELD: 3.8 MICROMETERS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



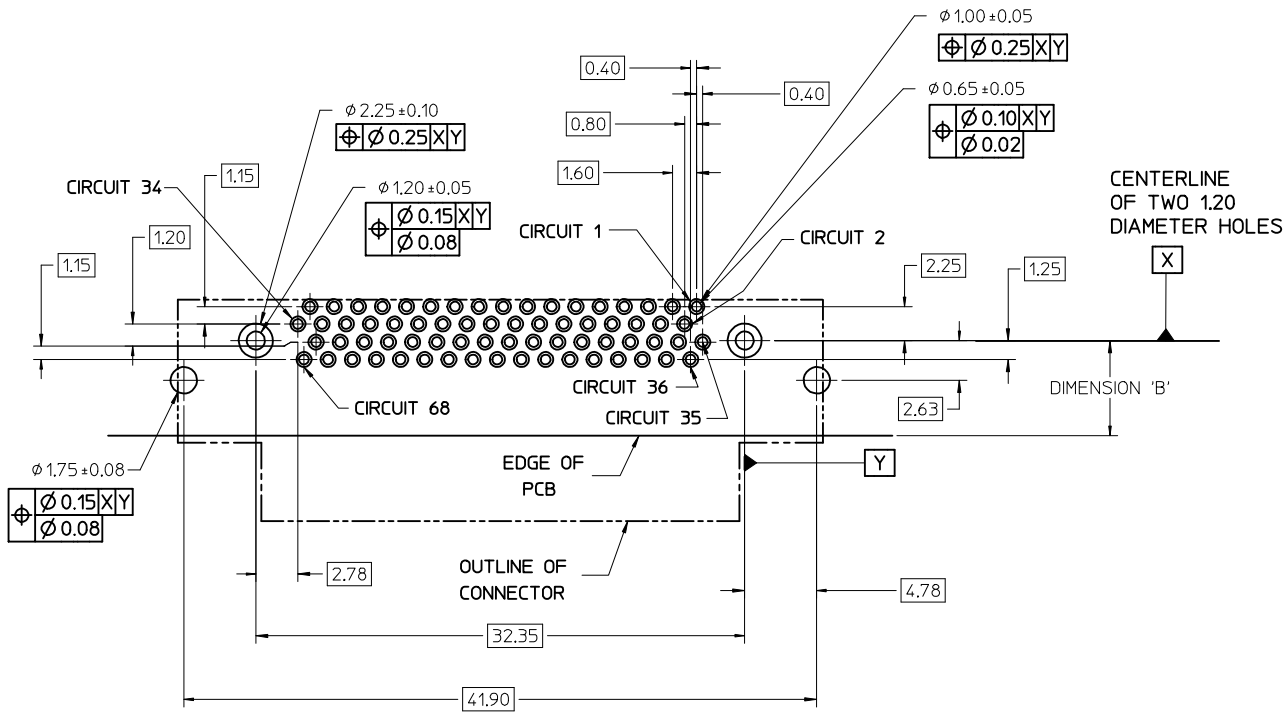
ADD PART 71430-3020 EC NO: UCP2015-5280 DRWN: TIBARRA 2015/06/12 CHKD: BBARKER 2015/06/30 APPR: SMILLER 2015/07/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE	VHDCl RIGHT ANGLE ASSEMBLY molex		
	▽=0	4 PLACES ± ---	± ---	BBARKER	2011/02/17				
	▽=0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		1 PLACE ± 0.25	± ---	CHECKED BY	DATE	DOCUMENT NO. SD-71430-3000 SHEET NO. 1 OF 3	
▽=0	ANGULAR ±1/2°		0 PLACE ±	±	APPROVED BY	DATE	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		
2.79	71430-3020	3.62	YES	71433-2002 LOOSE IN BAGS	5.30	6.30 MAXIMUM
2.36		2.71	YES	NONE		
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: UCP2015-5280 DRWNT:IBARRA 2015/06/12 CHKD:BBARKER 2015/06/30 APPR:SMILLER 2015/07/20	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	0 PLACE ± ±	DRAWN BY DATE BBARKER 2011/02/17		TITLE VHDCI RIGHT ANGLE ASSEMBLY		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		CHECKED BY DATE BSMART 2011/02/17		APPROVED BY DATE SMILLER 2011/02/25		DOCUMENT NO. SD-71430-3000	
		SEE TABLE		MATERIAL NO.		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 3	



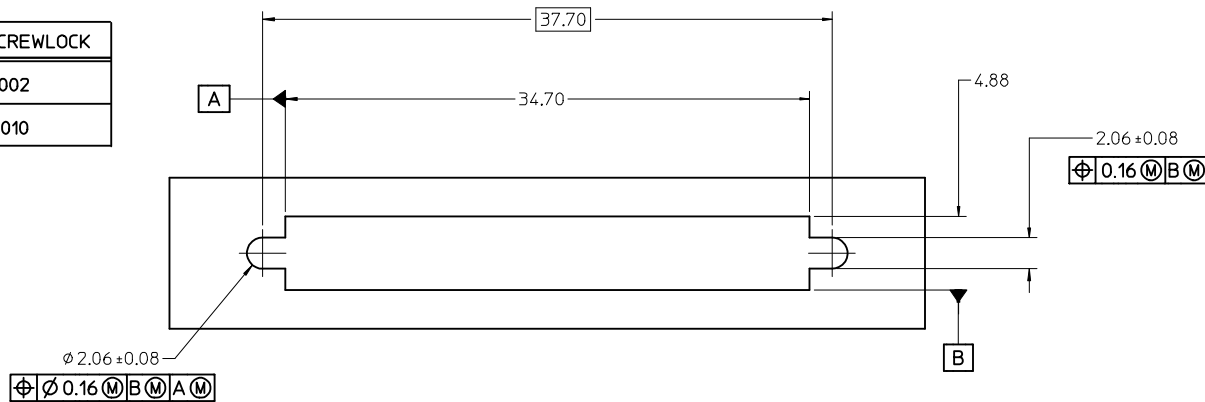
NOTES:

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: UCP2015-5280 DRWN: TIBARRA 2015/06/12 CHKD: BBARKER 2015/06/30 APPR: SMILLER 2015/07/20 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	DRAWN BY BBARKER	DATE 2011/02/17	VHDCI RIGHT ANGLE ASSEMBLY molex DOCUMENT NO. SD-71430-3000 SHEET NO. 3 OF 3	
	▽=0	3 PLACES ± --- ± ---	CHECKED BY BSMART	DATE 2011/02/17		
	▽=0	2 PLACES ± 0.13 ± ---	APPROVED BY SMILLER	DATE 2011/02/25		
		1 PLACE ± 0.25 ± ---	MATERIAL NO.	SIZE C		
	0 PLACE ± ±	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				