

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.

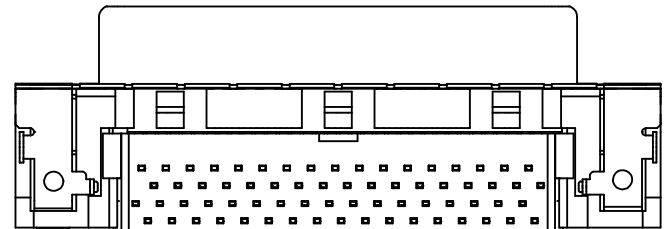
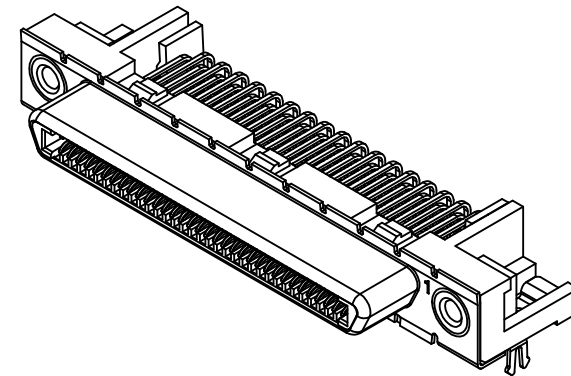
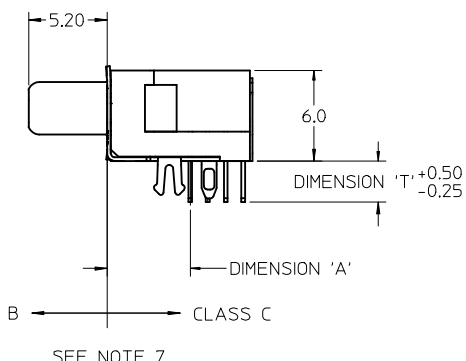
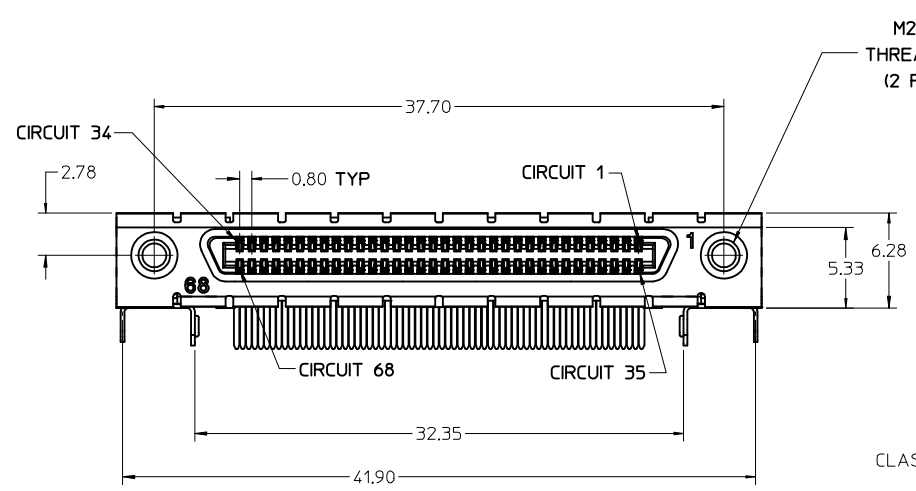
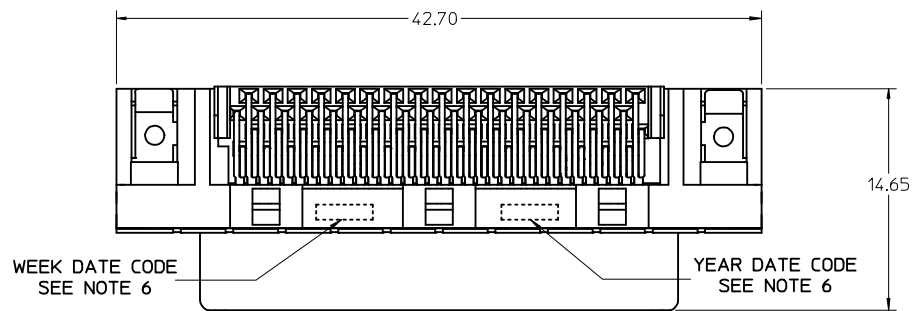
4. PACKAGED PER PK-71430-0101.

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

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

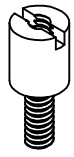
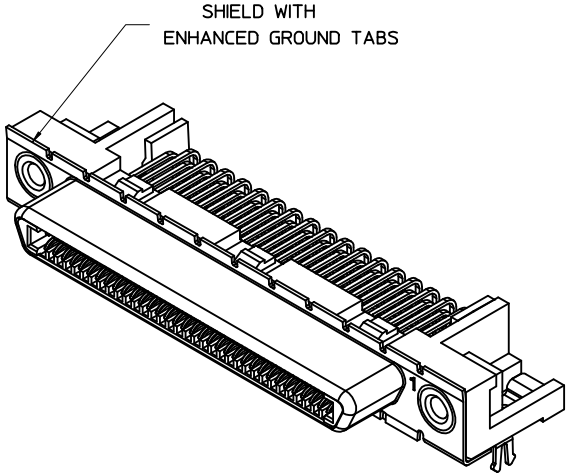
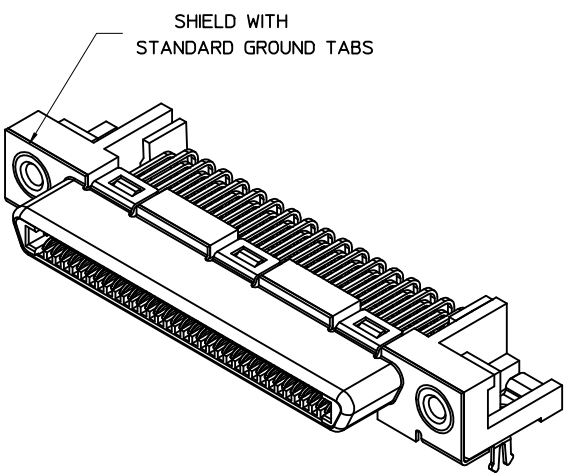
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002.
SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

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



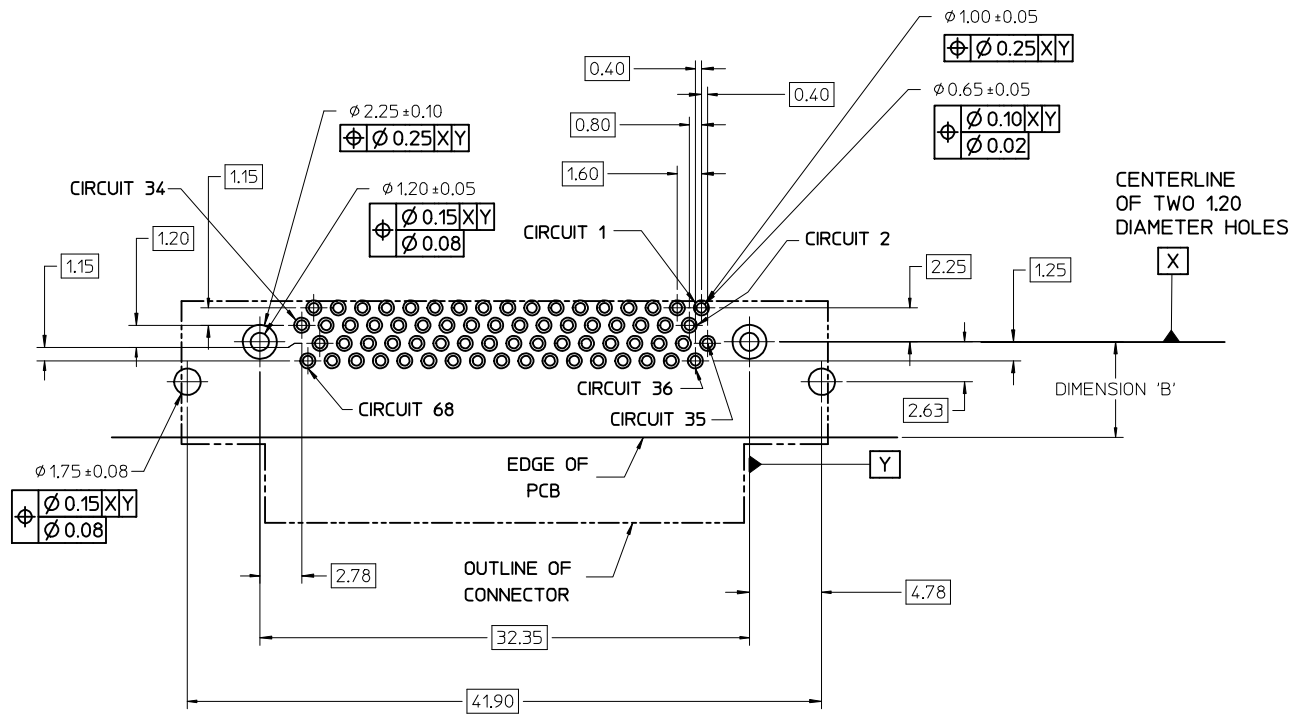
FIX TAIL TOLERANCE EC NO: UCP2012-3896 DRWN:BBARKER 2012/05/29 CHKD:MMOLFE APPR:SMILLER 2012/08/31	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY	4:1	METRIC		
				DRAWN BY	DATE	TITLE		
				CHECKED BY	DATE	VHDCI RIGHT ANGLE ASSEMBLY		
REV: N	DESCRIPTION 2012/08/31	ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2	SD-71430-015	1 OF 3		
				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* (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:HMOLFE 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		
	▽=0	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	molex		
	1 PLACE ± 0.25 ± ---	KSTILES 11/15/2002	SD-71430-015			
	0 PLACE ± ±	APPROVED BY DATE	SHEET NO. 2 OF 3			
		MATERIAL NO. MBNAK1S 11/22/2002	DOCUMENT NO.			
		ANGULAR ±1/2°	SEE TABLE			
		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			

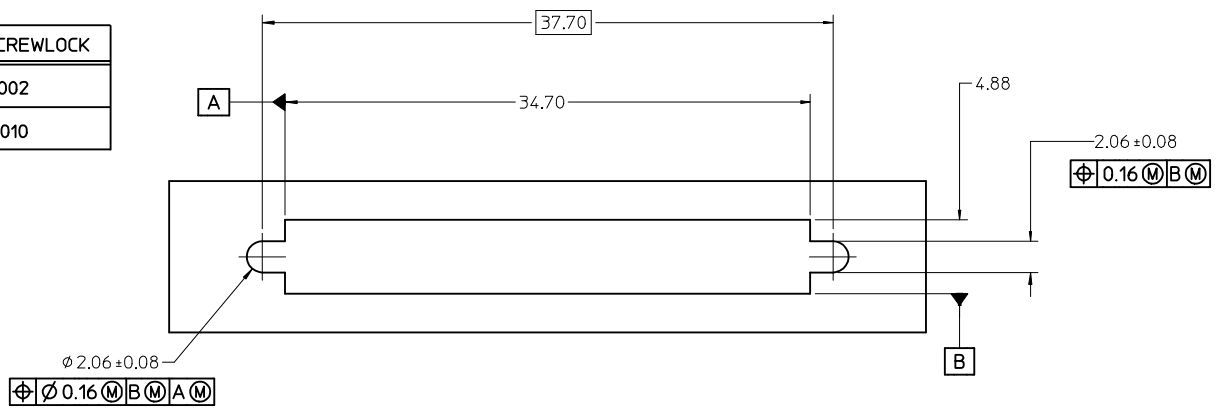


NOTES:

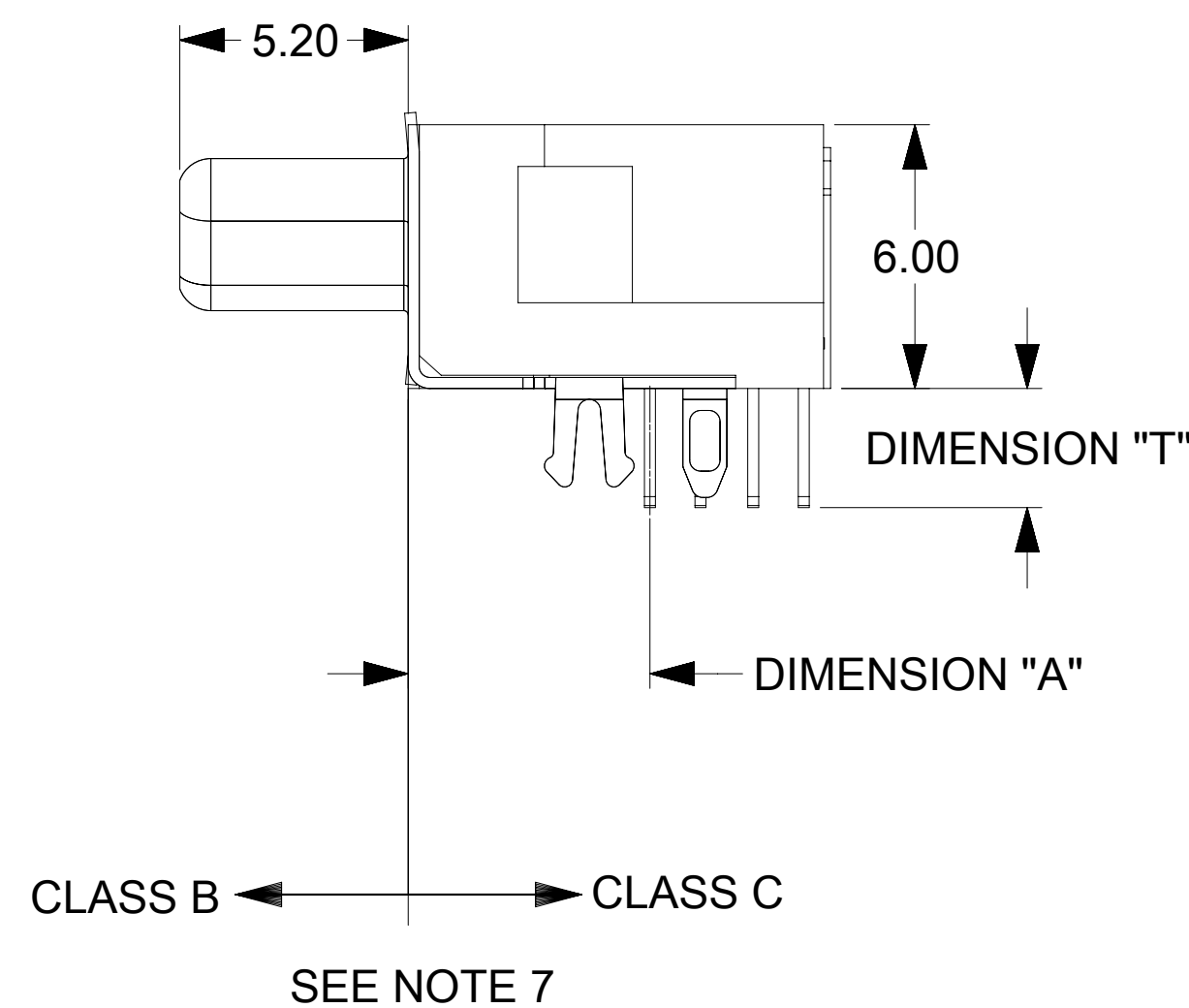
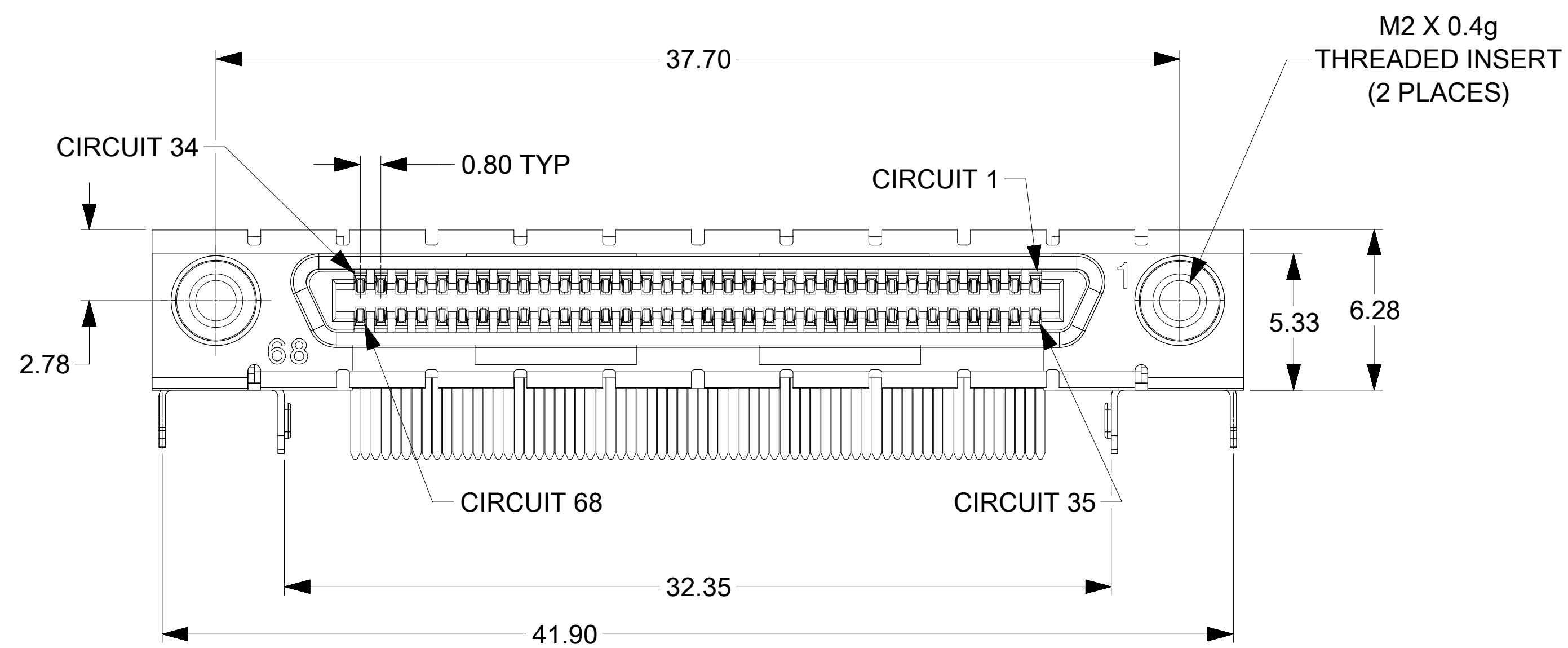
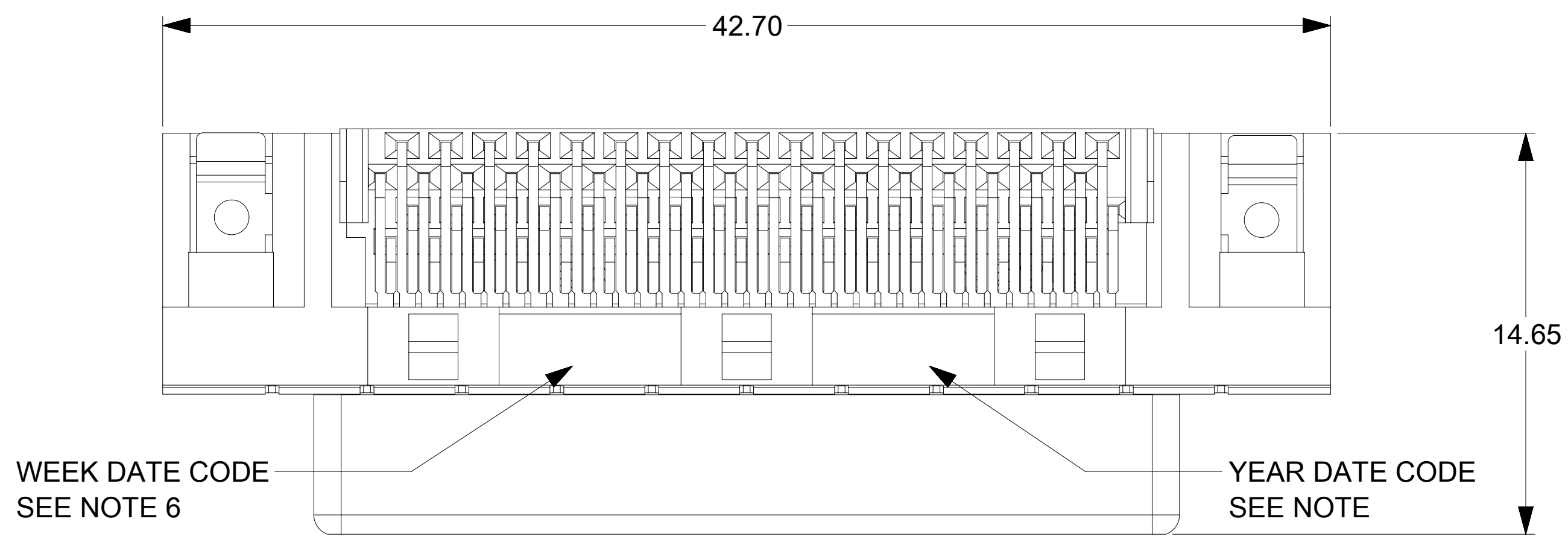
- FOR FULL MATE WITH PLUG, PANEL THICKNESS SHOULD NOT EXCEED 1.0mm.
FUNCTIONAL MATING WITH MOLEX PLUG CAN STILL BE MAINTAINED WITH PANELS AS THICK AS 2.5mm (BUT PLUG AND RECEPTACLE WILL NOT BE FULLY MATED).

2. GUIDELINES FOR CHOOSING A MOLEX SCREWLOCK:

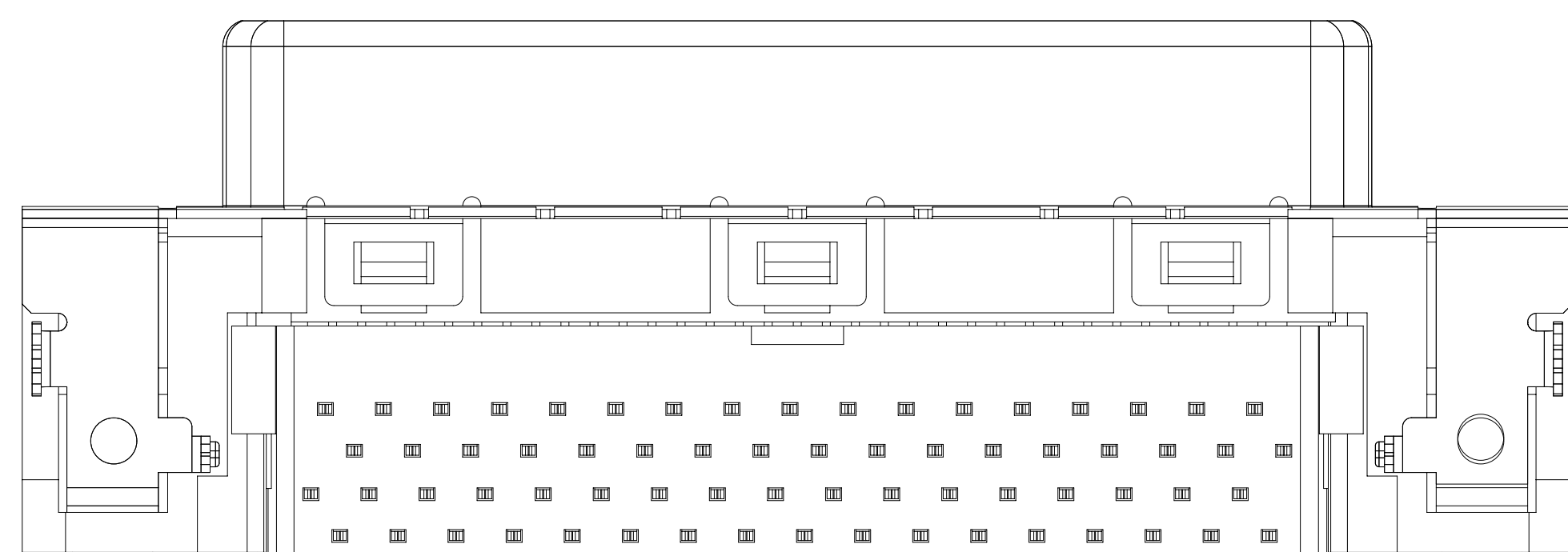
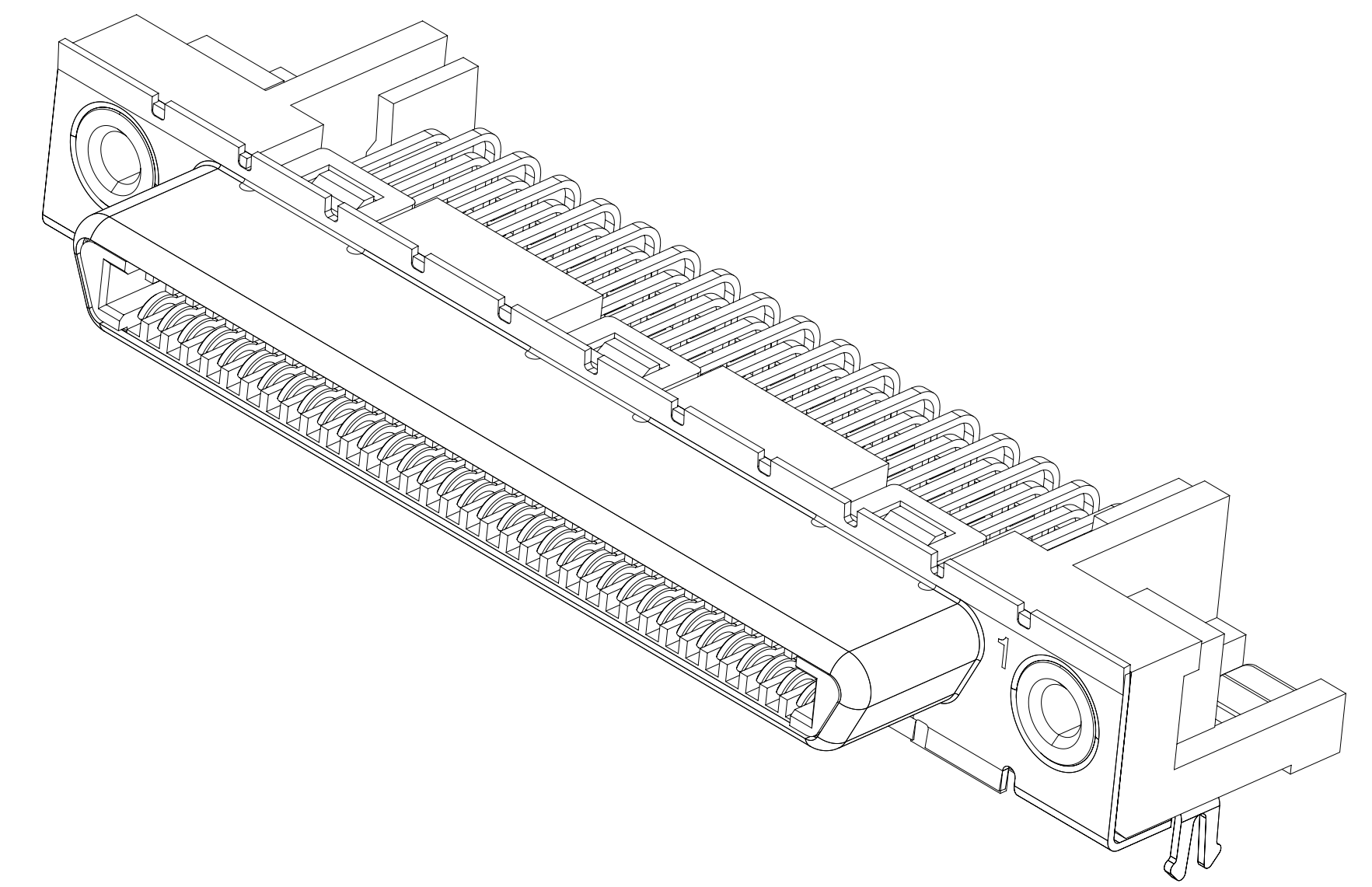
PANEL THICKNESS	RECOMMENDED SCREWLOCK
LESS THAN OR EQUAL TO 1.00 MM	71433-0002
1.01 TO 2.15 MM	71433-0010



SEE SHEET 1 EC NO: UCP2012-3896 DRWN:BBARKER 2012/05/29 CHKD:HWOLFE APPR:SMILLER 2012/08/31	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm	INCH	DRAWN BY KSTILES	DATE 11/14/2002	VHDCI RIGHT ANGLE ASSEMBLY molex DOCUMENT NO. SD-71430-015 SHEET NO. 3 OF 3		
		3 PLACES ± --- ± ---			CHECKED BY	DATE			
		2 PLACES ± 0.13 ± ---			KSTILES	11/15/2002			
1 PLACE ± 0.25 ± ---			APPROVED BY	DATE					
0 PLACE ± ±			MBNAKIS	11/22/2002					
		ANGULAR ±1/2°		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2					
				SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



- 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
 - 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.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:						
▽ = 0	mm	4:1	molex VHDCI RIGHT ANGLE ASSEMBLY PRODUCT CUSTOMER DRAWING EC NO: 624744 DRWN: JWALLACE01 2019/09/25 CHK'D: RNELSON 2019/09/26 APPR: RNELSON 2019/09/26 INITIAL REVISION: DRWN: BBARKER 2011/02/17 APPR: SMILLER 2011/02/25						
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)								
▽ = 0	ANGULAR TOL ± 0.5°								
▽ = 0	4 PLACES ±								
▽ = 0	3 PLACES ±								
▽ = 0	2 PLACES ± 0.13								
▽ = 0	1 PLACE ± 0.25		DOCUMENT NUMBER: SD-71430-3000 DOC TYPE: PSD DOC PART: 001 REVISION: D MATERIAL NUMBER: CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 3						
▽ = 0	0 PLACES ±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING: D-SIZE SERIES: 71430						

