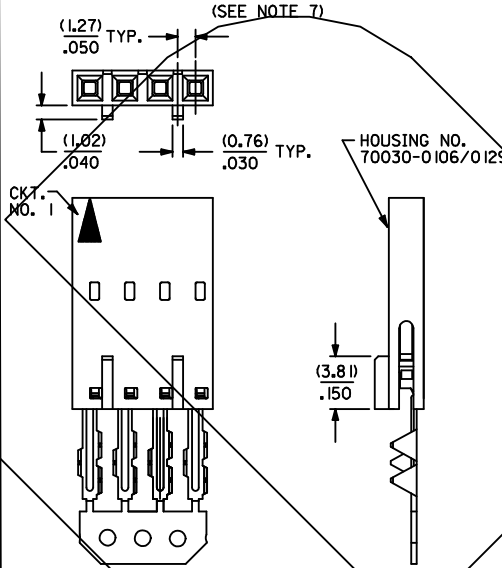
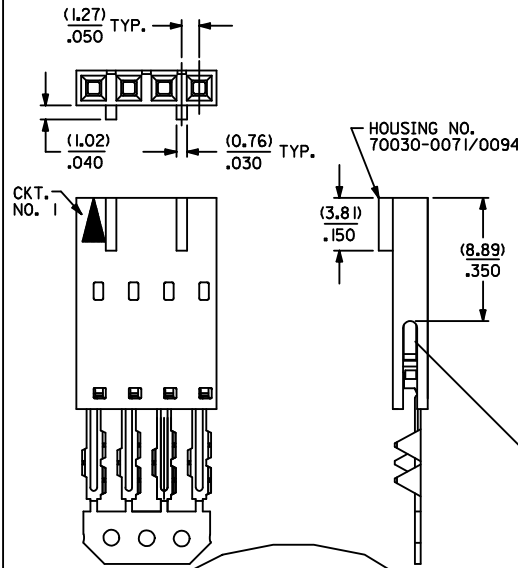
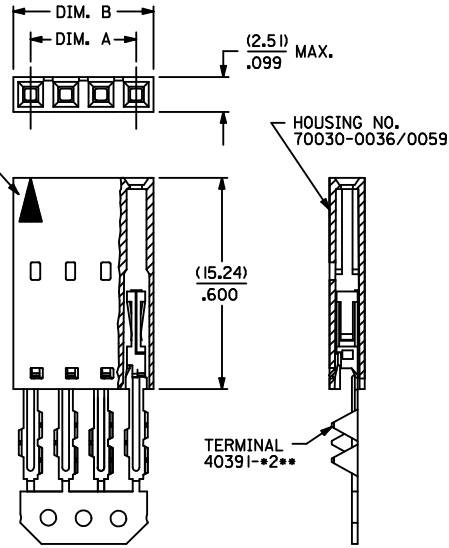


OPTION -A-

OPTION -C-

OPTION -D- (SEE NOTE 7)

CKT. SIZE	*A*	*B* (MAX.)
2	(2.54)	(5.05)
3	(5.08)	(7.59)
4	(7.62)	(10.13)
5	(10.16)	(12.67)
6	(12.70)	(15.21)
7	(15.24)	(17.75)
8	(17.78)	(20.29)
9	(20.32)	(22.83)
10	(22.86)	(25.37)
11	(25.40)	(27.91)
12	(27.94)	(30.45)
13	(30.48)	(32.99)
14	(33.02)	(35.53)
15	(35.56)	(38.07)
16	(38.10)	(40.61)
17	(40.64)	(43.15)
18	(43.18)	(45.69)
19	(45.72)	(48.23)
20	(48.26)	(50.77)
21	(50.80)	(53.31)
22	(53.34)	(55.85)
23	(55.88)	(58.39)
24	(58.42)	(60.93)
25	(60.96)	(63.47)

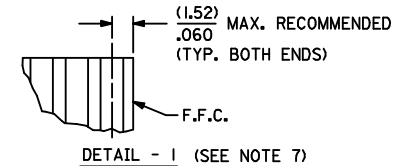
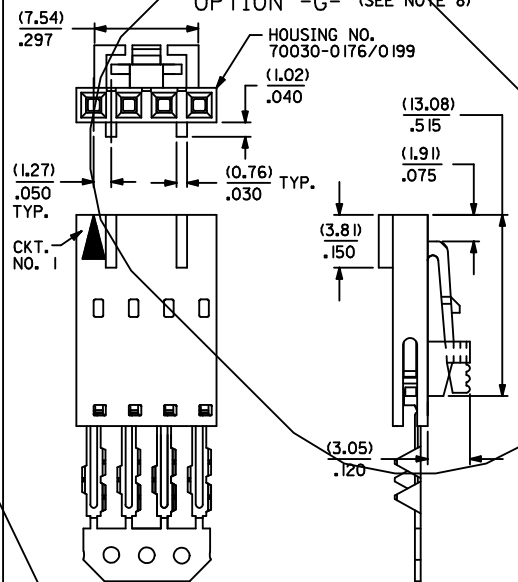
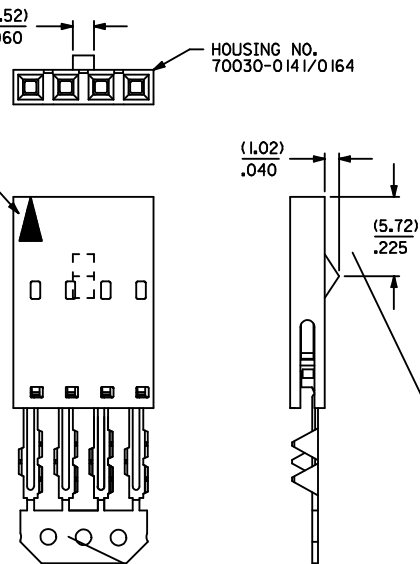


OPTION -E-

OPTION -G- (SEE NOTE 8)

NOTES:

1. SEE CHART FOR CIRCUIT SIZES.
2. TERMINALS ARE SHOWN PRE-LOADED INTO HOUSING AND LOCKED INTO FIRST ROW.
3. STANDARD PACKAGING PER PK70873-0001 SHALL BE USED.
4. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
5. SEE SHEET (2) OF FAMILY DRAWING FOR PART NO'S. AND PLATINGS
6. PRE LOADED ASSEMBLY TO BE USED WITH (0.35)/.014 MAX. THICK FLAT FLEX CABLE WITH (1.57)/.062 WIDE COPPER CONDUCTORS ON (2.54)/.100 CENTERS OR, (0.13)/.005 - (0.28)/.011 THICK MYLAR WITH (1.02)/.040 - (1.65)/.065 WIDE SILVER INK CONDUCTORS. ON (2.54)/.100 CENTERS.
7. RECOMMENDED F.F.C. CONFIGURATION FOR OPTION "D" ONLY; WHEN USED WITH INTERIM CLIPS, SEE DETAIL 1.
8. SEE SHEET 3 FOR CORE-OUT CONFIGURATION, "G" OPTION.
9. TWO (2) CIRCUIT ASSEMBLIES SUPPLIED ASA GROUPED PAIRS.
10. PLATING IS COLOR CODED. SEE TABLE ON SHEET 2.



REV	DESCRIPTION	DATE
1	VOIDED DRAWING	2012/12/19
2	EC NO: UCP2013-2452	2012/12/19
3	DRWN:RWHIPPLE	2012/12/19
4	CHKD:MORGAN	2012/12/19
5	APPR:SMILLER	2013/01/31

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
mm	INCH	DRAWN BY	DATE	TITLE		
4 PLACES ± ---	± ---	RWHIPPLE	2012/12/19	CONNECTOR FFC ASSY, SINGLE ROW FEMALE, .100 GRID		
3 PLACES ± ---	± ---	CHECKED BY	DATE	molex VOID		
2 PLACES ± ---	± ---	APPROVED BY	DATE	SDA-70430-****		
1 PLACE ± ---	± ---	SMILLER	2013/01/31	SHEET NO. 1 OF 3		
0 PLACE ± ---	± ---	MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

13 12 11 10 9 8 7 6 5 4 3 2 1

J

I

H

G

F

E

D

C

B

A

OPTION "A"

OPTION "C"

OPTION "D"

OPTION "E"

OPTION "G"

ENG. NO. PLATING EDP. NO. ENG. NO. PLATING EDP. NO. ENG. NO. PLATING EDP. NO.

A-70430-0001/0024 TIN 015-38-8**8 A-70430-0036/0059 TIN 015-38-8**7 A-70430-0071/0094 TIN 015-38-8**9

A-70430-0176/0199 15 GOLD 015-47-4**0 A-70430-0211/0234 15 GOLD 015-47-4**1 A-70430-0246/0269 15 GOLD 015-47-4**2

A-70430-0351/0374 30 GOLD 015-47-4**4 A-70430-0386/0409 30 GOLD 015-47-4**5 A-70430-0421/0444 30 GOLD 015-47-4**6

AX-70430-0106/0129 TIN NOT TOOLED A-70430-0141/01IN TIN 015-38-8**0

AX-70430-0281/0304 15 GOLD NOT TOOLED A-70430-0316/0339 15 GOLD 015-47-4**3

AX-70430-0456/0479 30 GOLD NOT TOOLED A-70430-0491/0514 30 GOLD 015-47-4**7

INSERT CIRCUIT SIZE; 02-25

PLATING CHART PER ES-88-***

TIN - .000150 MINIMUM TIN OVER
.000050 MINIMUM NICKEL PLATE.

15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA.
.000075 MINIMUM TIN PLATE IN SELECT AREA.
.000050 MINIMUM NICKEL PLATE OVERALL.

30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA.
.000075 MINIMUM TIN PLATE IN SELECT AREA.
.000050 MINIMUM NICKEL PLATE OVERALL.

PLATING PER ES-88:	COLOR CODE
TIN	NONE
15 GOLD	YELLOW
30 GOLD	RED

*THE PRIMARY SHIPPING CARTON WILL BE LABELED *COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC*. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

VOIDED DRAWING
EC NO: UCP2013-2452
DRAWN BY: RWHIPPLE 2012/12/19
CHKD BY: J MORGAN 2012/12/19
APPR: SMILLER 2013/01/31

QUALITY SYMBOLS
▽=0
▽=0
▽=0

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

DIMENSION STYLE IN/MM
DRAWN BY: RWHIPPLE DATE: 2012/12/19
CHECKED BY: DATE: 2013/01/31
APPROVED BY: SMILLER DATE: 2013/01/31

SCALE 1:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

TITLE
CONNECTOR FFC ASSY, SINGLE ROW FEMALE, .100 GRID

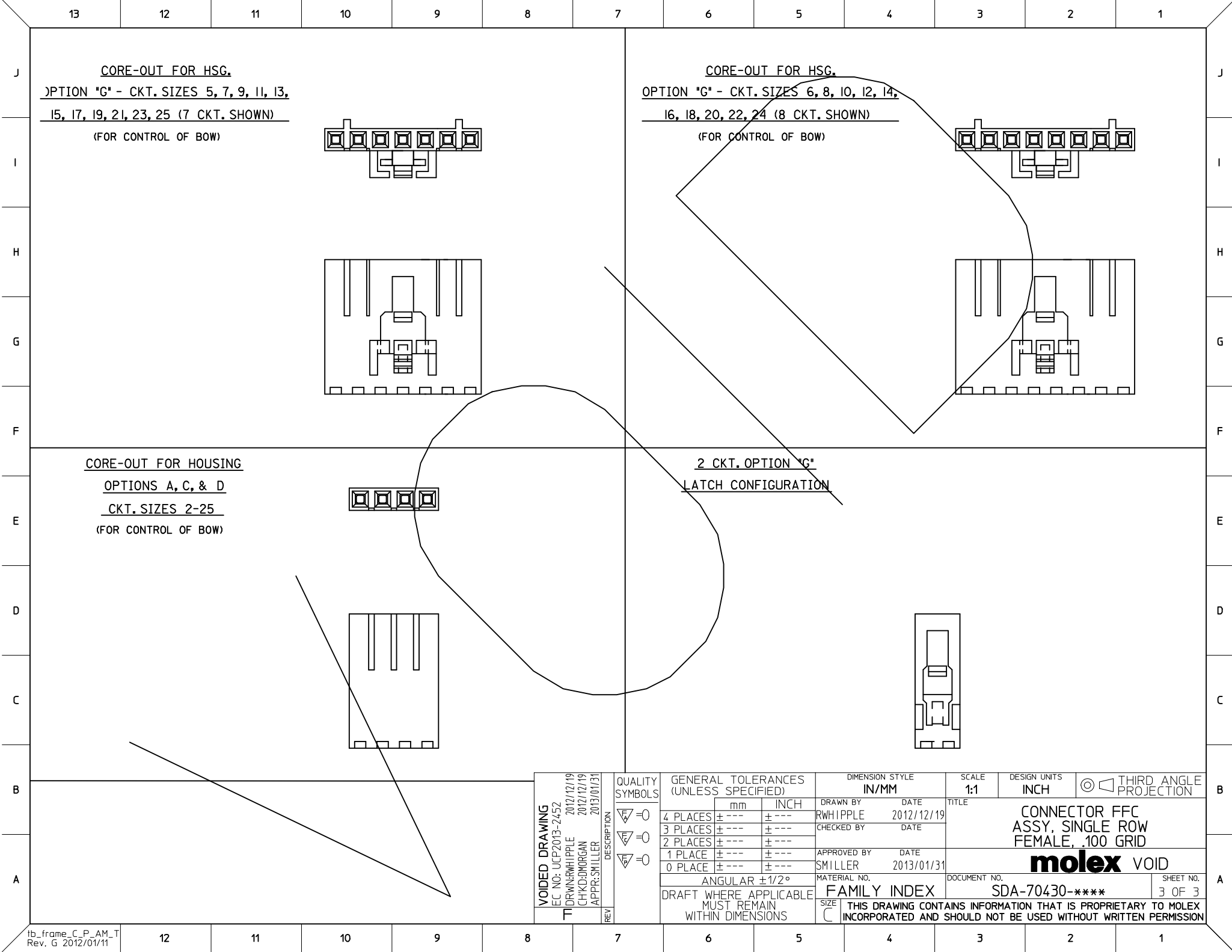
FAMILY INDEX
SDA-70430-****

DOCUMENT NO.
SHEET NO. 2 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1b_frame_C_P_AM_T
Rev. G 2012/01/11

12 11 10 9 8 7 6 5 4 3 2 1



CORE-OUT FOR HSG.
OPTION "G" - CKT. SIZES 5, 7, 9, 11, 13,
15, 17, 19, 21, 23, 25 (7 CKT. SHOWN)
(FOR CONTROL OF BOW)

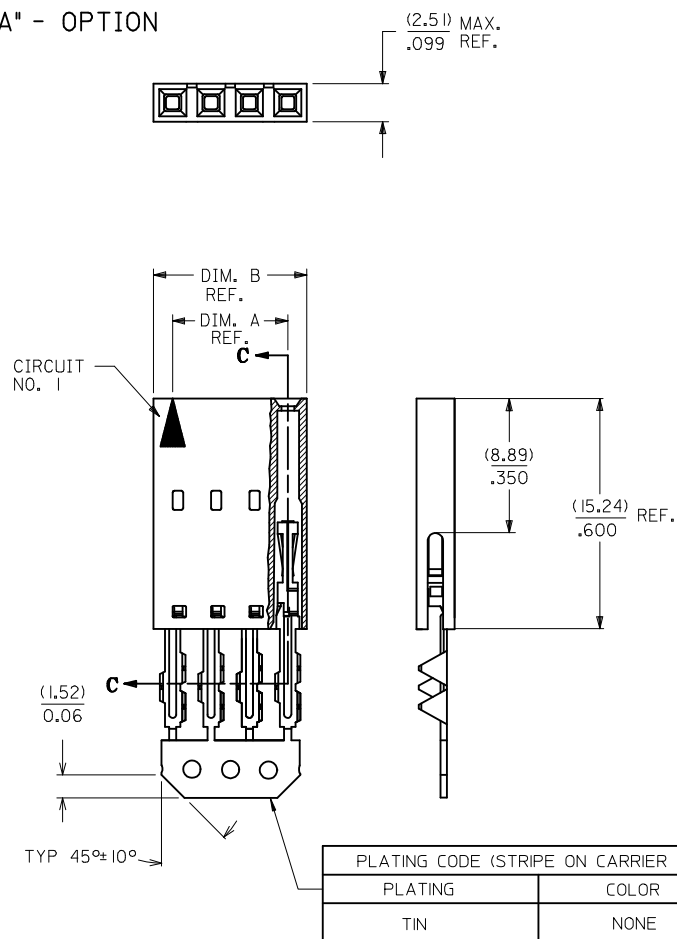
CORE-OUT FOR HSG.
OPTION "G" - CKT. SIZES 6, 8, 10, 12, 14,
16, 18, 20, 22, 24 (8 CKT. SHOWN)
(FOR CONTROL OF BOW)

CORE-OUT FOR HOUSING
OPTIONS A, C, & D
CKT. SIZES 2-25
(FOR CONTROL OF BOW)

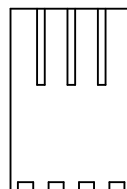
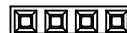
2 CKT. OPTION "G"
LATCH CONFIGURATION

VOIDED DRAWING EC NO: UCP2013-2452 TDR:RWHIPPLE 2012/12/19 CHKD:DMORGAN 2012/12/19 APPR:SMILLER 2013/01/31 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY RWHIPPLE	DATE 2012/12/19	TITLE CONNECTOR FFC ASSY, SINGLE ROW FEMALE, 100 GRID					
						CHECKED BY	DATE						
						APPROVED BY	DATE	DOCUMENT NO. molex VOID					
						SMILLER	2013/01/31						
			ANGULAR ±1/2°			MATERIAL NO.						SHEET NO. 3 OF 3	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			FAMILY INDEX		SDA-70430-****					
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

"A" - OPTION



CORE-OUT FOR HOUSING
OPTION "A"
CKT. SIZES 2-25
(FOR CONTROL OF BOW)



SECTION C-C



PRE-LOAD
ASSEMBLY



FINAL
ASSEMBLY

FLAT FLEX CABLE (F.F.C.)
(SEE NOTE 2.)

CKT. SIZE	EDP. NO.	ENG. NO.	A	B
2	015-38-8028	70430-0001	(2.54) .100	(5.05) .199
3	015-38-8038	70430-0002	(5.08) .200	(7.59) .299
4	015-38-8048	70430-0003	(7.62) .300	(10.13) .399
5	015-38-8058	70430-0004	(10.16) .400	(12.67) .499
6	015-38-8068	70430-0005	(12.70) .500	(15.21) .599
7	015-38-8078	70430-0006	(15.24) .600	(17.75) .699
8	015-38-8088	70430-0007	(17.78) .700	(20.29) .799
9	015-38-8098	70430-0008	(20.32) .800	(22.83) .899
10	015-38-8108	70430-0009	(22.86) .900	(25.37) .999
11	015-38-8118	70430-0010	(25.40) 1.000	(27.91) 1.099
12	015-38-8128	70430-0011	(27.94) 1.100	(30.45) 1.199
13	015-38-8138	70430-0012	(30.48) 1.200	(32.99) 1.299
14	015-38-8148	70430-0013	(33.02) 1.300	(35.53) 1.399
15	015-38-8158	70430-0014	(35.56) 1.400	(38.07) 1.499
16	015-38-8168	70430-0015	(38.10) 1.500	(40.61) 1.599
17	015-38-8178	70430-0016	(40.64) 1.600	(43.15) 1.699
18	015-38-8188	70430-0017	(43.18) 1.700	(45.69) 1.799
19	015-38-8198	70430-0018	(45.72) 1.800	(48.23) 1.899
20	015-38-8208	70430-0019	(48.26) 1.900	(50.77) 1.999
21	015-38-8218	70430-0020	(50.80) 2.000	(53.31) 2.099
22	015-38-8228	70430-0021	(53.34) 2.100	(55.85) 2.199
23	015-38-8238	70430-0022	(55.88) 2.200	(58.39) 2.299
24	015-38-8248	70430-0023	(58.42) 2.300	(60.93) 2.399
25	015-38-8258	70430-0024	(60.96) 2.400	(63.47) 2.499

- HOUSING MATERIAL: GLASS FILLED POLYESTER, UL94V-0, COLOR: BLACK.
TERMINAL MATERIAL: PHOSPHOR BRONZE.
PLATING TIN- 3.81 MICROMETERS/150 MICROINCHES MINIMUM TIN OVER
1.27 MICROMETERS/50 MICROINCHES MINIMUM NICKEL PLATE.
- PRE LOADED ASSEMBLY TO BE USED WITH (0.30)/.012 MAX. THICK FLAT CABLE
WITH (1.57)/.062 WIDE COPPER CONDUCTORS ON (2.54)/.100 CENTERS OR,
(0.13)/.005-(0.28)/.011 THICK MYLAR WITH (1.02)/.040 - (1.65)/.065 WIDE
SILVER INK CONDUCTORS ON (2.54)/.100 CENTERS.
- PRODUCT SPECIFICATION: PS-70430.
- STANDARD PACKING PER PK70873-0001 SHALL BE USED.
- SEE CHART FOR CIRCUIT SIZES, "A" AND "B" DIMENSIONS.
- TWO (2) CIRCUIT ASSEMBLIES SUPPLIED AS GROUPED PAIRS.
- PART MATES WITH (0.64)/.025 SQ. PINS, (8.13)/.320 TO (5.08)/.200
LONG ON (2.54)/.100 CENTERS.
- PARTS CONFORM TO CLASS B COSMETIC SPECIFICATION PS-45499-002.

THE PRIMARY CARTON WITH A LABEL STATING
"ELV AND RoHS COMPLIANT" IS LEAD FREE.
CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

STANDARDIZE	EC NO: UCP2013-2452 2012/12/14 DRAWN: RHIPPLE 2012/12/14 CHKD: DMORGAN 2013/01/31 APPR: MILLER	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.			
								MM/IN			INCH							
					  	4 PLACES	± .005	± .005	RAS	1986/07/21	ASSEMBLY, CONNECTOR FFC FEMALE SINGLE ROW (2.54)/.100 GRID					molex	SDA-70430-0001-0024	1 OF 1
						3 PLACES	± .005	± .010	CHECKED BY	DATE								
						2 PLACES	± 0.25	± .015	MJM	1986/07/21								
						1 PLACE	± 0.38	± .038	APPROVED BY	DATE								
						0 PLACE	± .005	± .005	MILLER	2013/01/31								
					ANGULAR ±1/2°			MATERIAL NO.										
					DRAFT WHERE APPLICABLE			SEE TABLE										
					MUST REMAIN WITHIN DIMENSIONS			SIZE (		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								