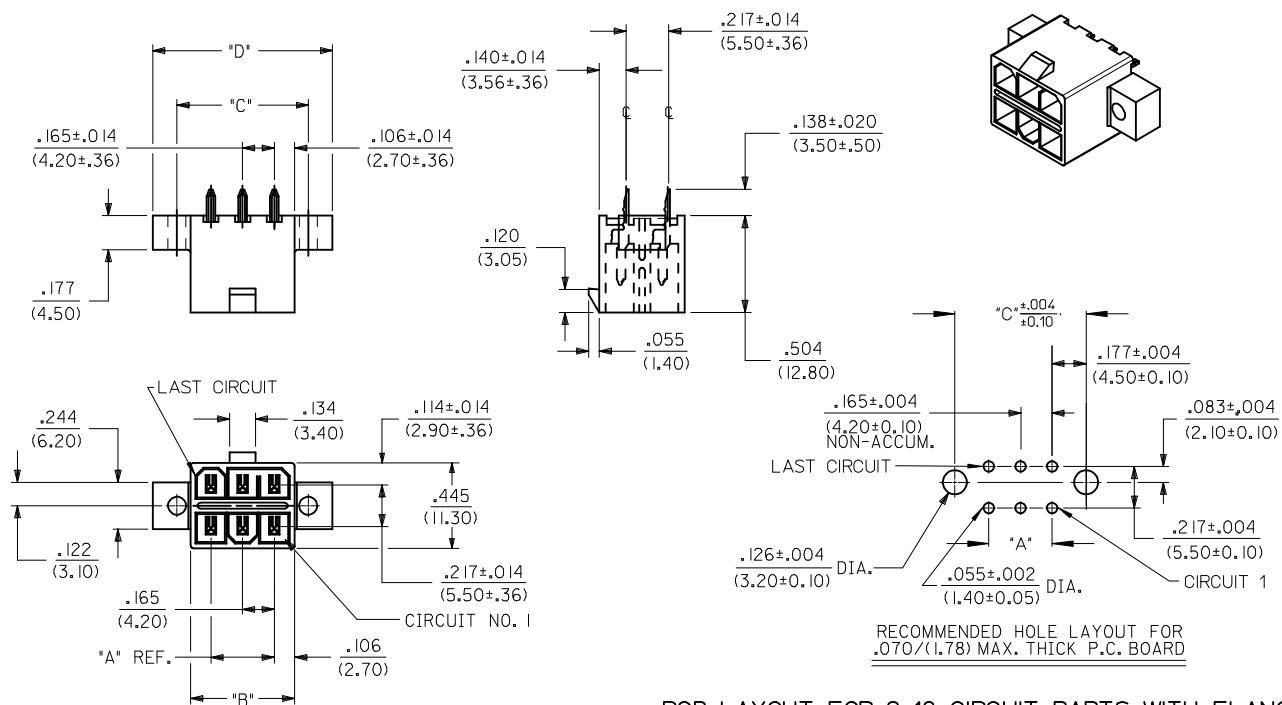
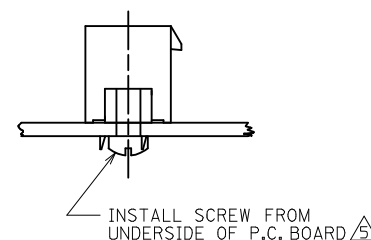




NOTES:

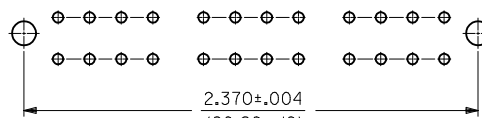
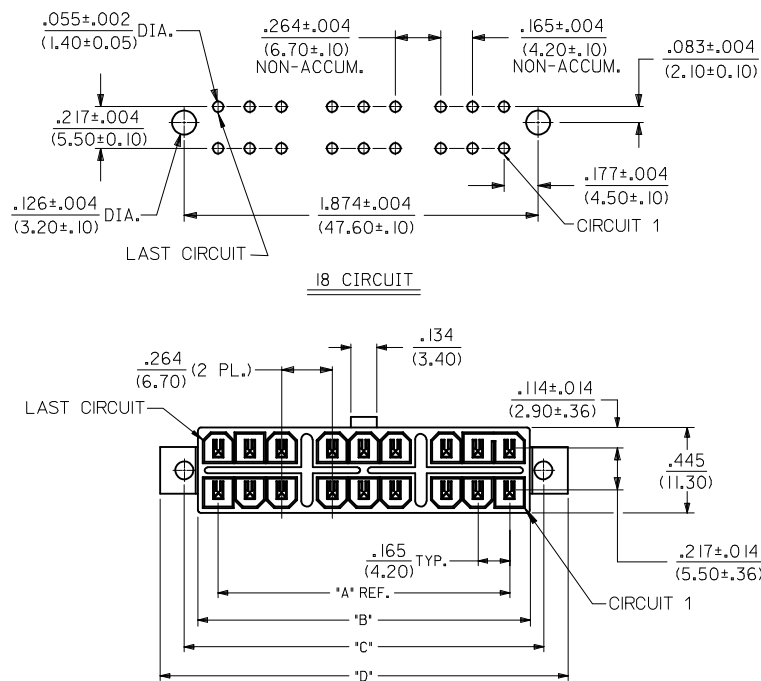
1. HOUSING MAT'L: POLYESTER, UNFILLED, 94V-0. COLOR: BLACK.
TERMINAL MATERIAL: BRASS ALLOY 260.
2. PLATINGS:
1 = .000035/(.00090) MIN. BRIGHT TIN OVER
.000020/(.00050) MIN. COPPER.
2 = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. SELECT MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
3. PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:
SEE PS-5556-003
4. PACKAGING SPECIFICATION: PK-30069-001.
- △ PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.
7. PART MATES WITH RECEPTACLE 30067-*.
7. THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



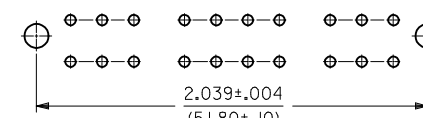
RECOMMENDED INSTALLATION OF HEADER TO P.C. BOARD

PCB LAYOUT FOR 2-16 CIRCUIT PARTS WITH FLANGES

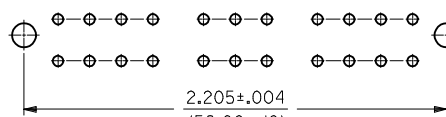
LAYOUT FOR 18-24 CIRCUIT PARTS WITH FLANGES



24 CIRCUIT



20 CIRCUIT



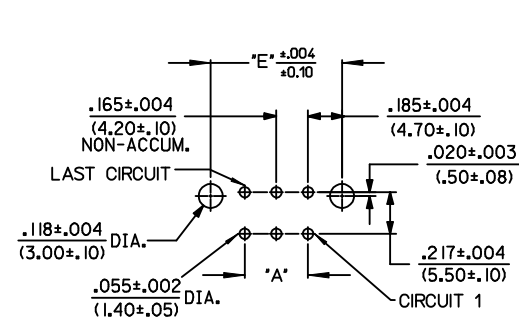
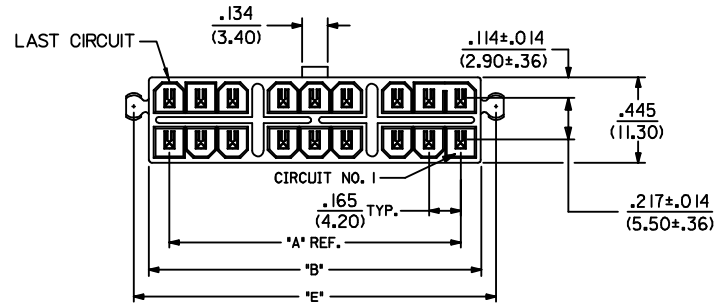
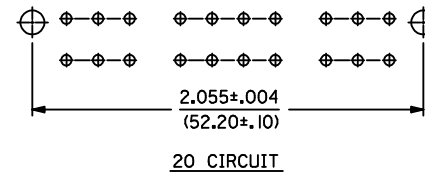
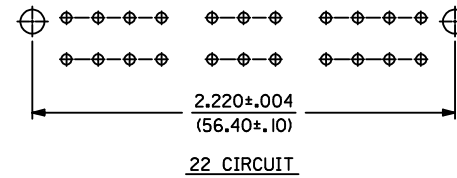
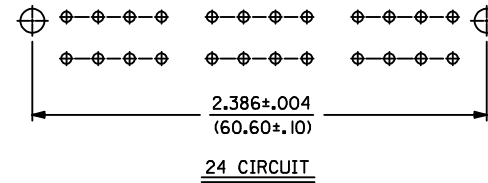
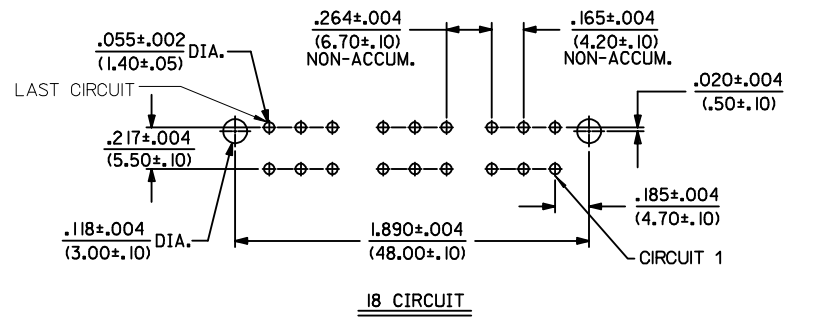
22 CIRCUIT

FLANGE MOUNT

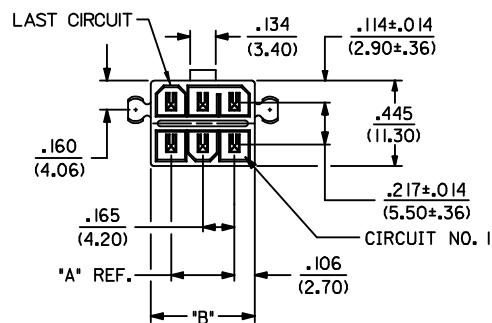
(SEE SHT. 2 FOR PARTS WITH PEGS)

UPDATE NOTE 5 EC NO: UFP2014-0298 CHYKANNAGUEN DRYKQD:IBELL 2013/08/05 2013/08/05 2013/08/16 APPR:FSMITH		DESCRIPTION H3	REV 1	QUALITY SYMBOLS F=0 E=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- 0 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE RJF 9/19/91 CHECKED BY DATE GEP 9/19/91 APPROVED BY DATE FSMITH 2012/03/08 MATERIAL NO. SEE CHARTS SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 2:1 TITLE MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY molex DOCUMENT NO. SDA-30069-****	DESIGN UNITS METRIC THIRD ANGLE PROJECTION SHEET NO. 1 OF 3
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LAYOUT FOR 18-24 CIRCUIT PARTS WITH PEGS



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD PCB LAYOUT FOR 2-16 CIRCUIT PARTS



WITH PEGS

SEE SHEET 1 EC NO: UCP2014-0298 DRAWN: NGUYEN 2013/08/05 CHKD: J.BELL 2013/08/05 APPR: F.S.MITH 2013/08/16 H3	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY	DATE	TITLE MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY		
			4 PLACES	± ---	± ---	RJF	9/19/91				
			3 PLACES	± ---	± .010	CHECKED BY	DATE	1 PLACE ± 0.36 ± ---			
			2 PLACES	± 0.25	± .014	GEP	9/19/91				
			1 PLACE	± 0.36	± ---	APPROVED BY	DATE	molex			
			0 PLACE	± ---	± ---	FSMITH	2012/03/08				
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.			SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SDA-30069-****			2 OF 3
						SIZE	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				
	TIN-PLATED ASSEMBLIES WITH PEGS						GOLD-PLATED ASSEMBLIES WITH PEGS										
J	CKT. SIZE	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "E"	DIM. "D"	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "E"	DIM. "D"	J			
	2	A-30069-02C1	15-97-7023	—	.213 (5.40)	.370 (9.40)	—	A-30069-02C2	15-97-7025	—	.213 (5.40)	.370 (9.40)	—				
	4	A-30069-04C1	15-97-7043	.165 (4.20)	.378 (9.60)	.535 (13.60)	—	A-30069-04C2	15-97-7045	.165 (4.20)	.378 (9.60)	.535 (13.60)	—				
I	6	A-30069-06C1	15-97-7063	.331 (8.40)	.543 (13.80)	.701 (17.80)	—	A-30069-06C2	15-97-7065	.331 (8.40)	.543 (13.80)	.701 (17.80)	—	I			
	8	A-30069-08C1	15-97-7083	.496 (12.60)	.709 (18.00)	.866 (22.00)	—	A-30069-08C2	15-97-7085	.496 (12.60)	.709 (18.00)	.866 (22.00)	—				
	10	A-30069-10C1	15-97-7103	.661 (16.80)	.874 (22.20)	1.031 (26.20)	—	A-30069-10C2	15-97-7105	.661 (16.80)	.874 (22.20)	1.031 (26.20)	—				
	12	A-30069-12C1	15-97-7123	.827 (21.00)	1.039 (26.40)	1.197 (30.40)	—	A-30069-12C2	15-97-7125	.827 (21.00)	1.039 (26.40)	1.197 (30.40)	—				
H	14	A-30069-14C1	NOT TOOLED	.992 (25.20)	1.205 (30.60)	1.362 (34.60)	—	A-30069-14C2	NOT TOOLED	.992 (25.20)	1.205 (30.60)	1.362 (34.60)	—	H			
	16	A-30069-16C1	NOT TOOLED	1.157 (29.40)	1.370 (34.80)	1.528 (38.80)	—	A-30069-16C2	15-97-7165	1.157 (29.40)	1.370 (34.80)	1.528 (38.80)	—				
	18	A-30069-18C1	NOT TOOLED	1.520 (38.60)	1.732 (44.00)	1.890 (48.00)	—	A-30069-18C2	NOT TOOLED	1.520 (38.60)	1.732 (44.00)	1.890 (48.00)	—				
G	20	A-30069-20C1	NOT TOOLED	1.685 (42.80)	1.898 (48.20)	2.055 (52.20)	—	A-30069-20C2	NOT TOOLED	1.685 (42.80)	1.898 (48.20)	2.055 (52.20)	—	G			
	22	A-30069-22C1	NOT TOOLED	1.850 (47.00)	2.063 (52.40)	2.220 (56.40)	—	A-30069-22C2	NOT TOOLED	1.850 (47.00)	2.063 (52.40)	2.220 (56.40)	—				
	24	A-30069-24C1	NOT TOOLED	2.016 (51.20)	2.228 (56.60)	2.386 (60.60)	—	A-30069-24C2	NOT TOOLED	2.016 (51.20)	2.228 (56.60)	2.386 (60.60)	—				
	TIN-PLATED ASSEMBLIES WITH FLANGES						GOLD-PLATED ASSEMBLIES WITH FLANGES										
F	CKT. SIZE	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	F			
	2	A-30069-02A1	15-97-7022	—	.213 (5.40)	.354 (9.00)	.606 (15.40)	A-30069-02A2	15-97-7024	—	.213 (5.40)	.354 (9.00)	.606 (15.40)				
	4	A-30069-04A1	15-97-7042	.165 (4.20)	.378 (9.60)	.520 (13.20)	.772 (19.60)	A-30069-04A2	15-97-7044	.165 (4.20)	.378 (9.60)	.520 (13.20)	.772 (19.60)				
E	6	A-30069-06A1	15-97-7062	.331 (8.40)	.543 (13.80)	.685 (17.40)	.937 (23.80)	A-30069-06A2	15-97-7064	.331 (8.40)	.543 (13.80)	.685 (17.40)	.937 (23.80)	E			
	8	A-30069-08A1	15-97-7082	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)	A-30069-08A2	15-97-7084	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)				
	10	A-30069-10A1	15-97-7102	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268 (32.20)	A-30069-10A2	15-97-7104	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268 (32.20)				
	12	A-30069-12A1	15-97-7122	.827 (21.00)	1.039 (26.40)	1.181 (30.00)	1.433 (36.40)	A-30069-12A2	15-97-7124	.827 (21.00)	1.039 (26.40)	1.181 (30.00)	1.433 (36.40)	D			
	14	A-30069-14A1	NOT TOOLED	.992 (25.20)	1.205 (30.60)	1.346 (34.20)	1.598 (40.60)	A-30069-14A2	NOT TOOLED	.992 (25.20)	1.205 (30.60)	1.346 (34.20)	1.598 (40.60)				
	16	A-30069-16A1	15-97-7162	1.157 (29.40)	1.370 (34.80)	1.512 (38.40)	1.764 (44.80)	A-30069-16A2	15-97-7164	1.157 (29.40)	1.370 (34.80)	1.512 (38.40)	1.764 (44.80)				
	18	A-30069-18A1	NOT TOOLED	1.520 (38.60)	1.732 (44.00)	1.874 (47.60)	2.126 (54.00)	A-30069-18A2	NOT TOOLED	1.520 (38.60)	1.732 (44.00)	1.874 (47.60)	2.126 (54.00)				
C	20	A-30069-20A1	NOT TOOLED	1.685 (42.80)	1.898 (48.20)	2.039 (51.80)	2.291 (58.20)	A-30069-20A2	NOT TOOLED	1.685 (42.80)	1.898 (48.20)	2.039 (51.80)	2.291 (58.20)	C			
	22	A-30069-22A1	NOT TOOLED	1.850 (47.00)	2.063 (52.40)	2.205 (56.00)	2.457 (62.40)	A-30069-22A2	NOT TOOLED	1.850 (47.00)	2.063 (52.40)	2.205 (56.00)	2.457 (62.40)				
	24	A-30069-24A1	NOT TOOLED	2.016 (51.20)	2.228 (56.60)	2.370 (60.20)	2.622 (66.60)	A-30069-24A2	NOT TOOLED	2.016 (51.20)	2.228 (56.60)	2.370 (60.20)	2.622 (66.60)				
B	SEE SHEET 1 EC NO: UCP2014-0298 2013/08/05 DRAWN:NGUYEN 2013/08/05 CHKD:JBELL APPR:FSM1TH						QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	B	
											IN/MM		1:1	METRIC			
											mm	INCH	DRAWN BY	DATE	TITLE MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY		
											4 PLACES ± ---	± ---	RJF	9/19/91			
											3 PLACES ± ---	± .010	CHECKED BY	DATE	molex		
A											2 PLACES ± 0.25	± .014	GEP	9/19/91			
											1 PLACE ± 0.36	± ---	APPROVED BY	DATE	SDA-30069-****		
											0 PLACE ± ---	± ---	FSM1TH	2012/03/08			
											ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
											DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		3 OF 3		
											SIZE	C	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				

LEGEND:

A - 30069 - * * * * *

CIRCUIT SIZE
(02-24)

HOUSING STYLE
A = FLANGES
C = PEGS

PLATING (SEE SHT. 1, NOTE 2.)
1 = TIN OVER COPPER.
2 = GOLD OVER NICKEL.