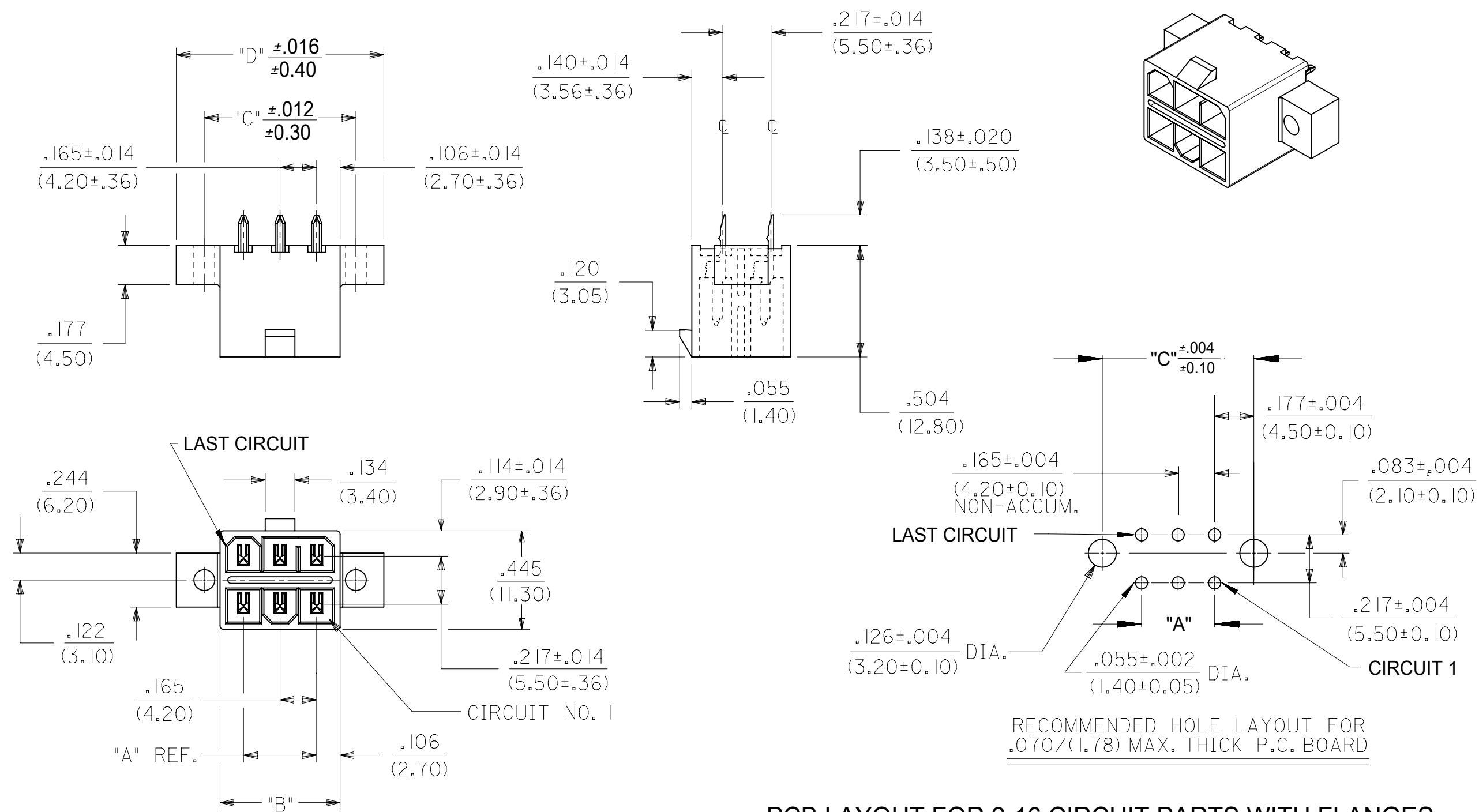
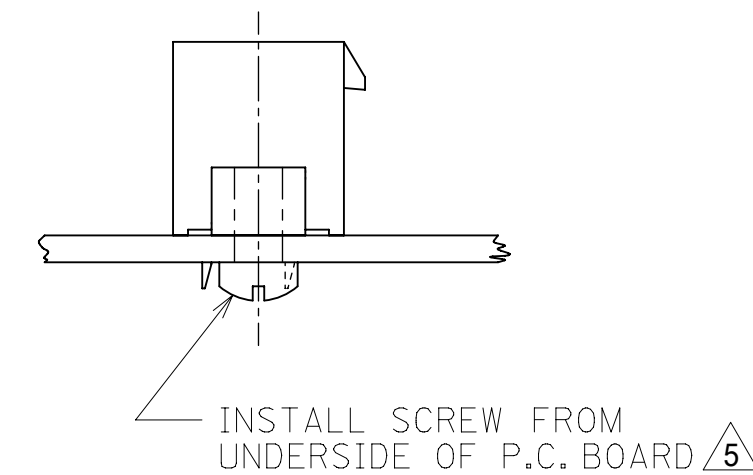
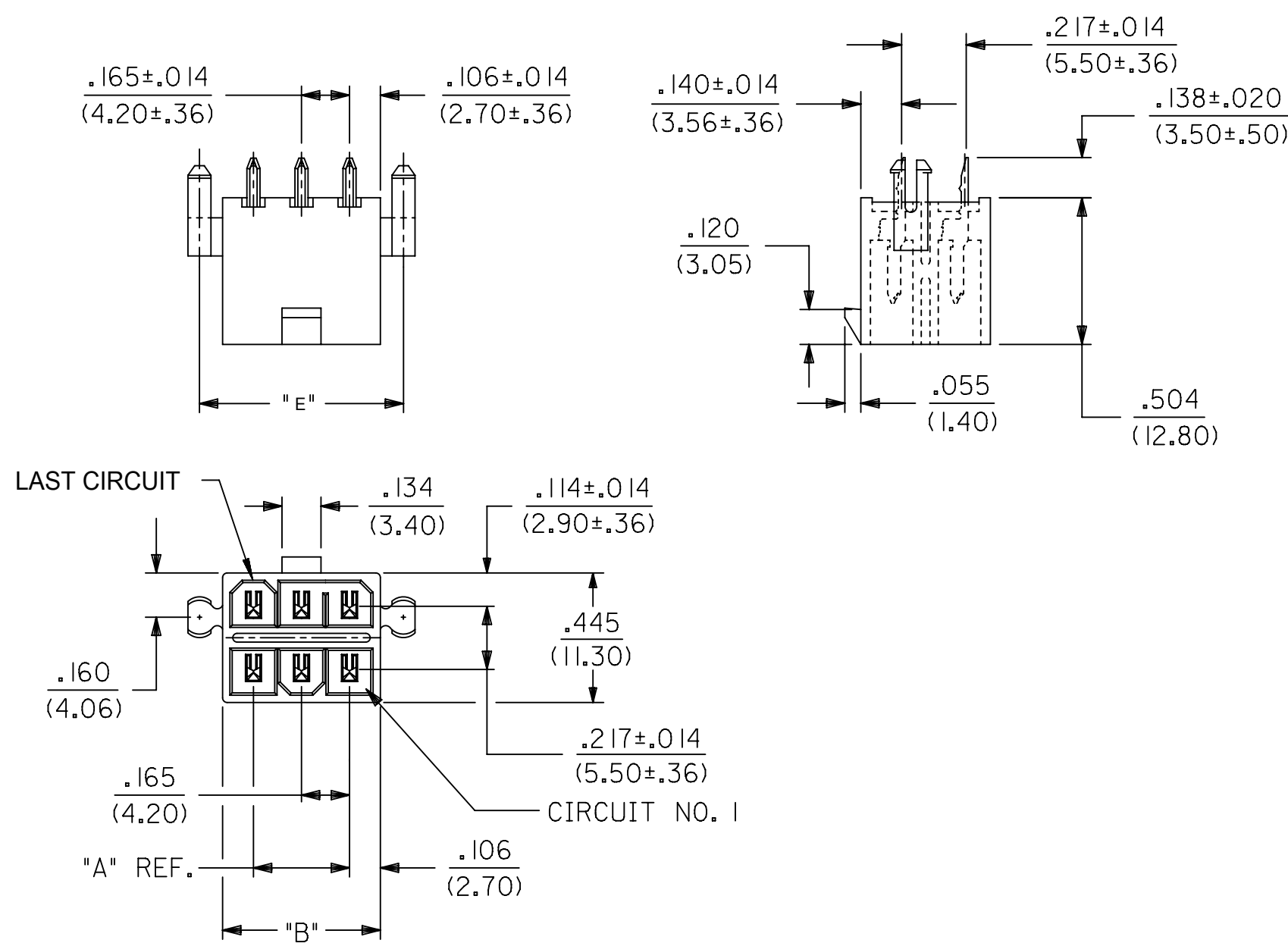




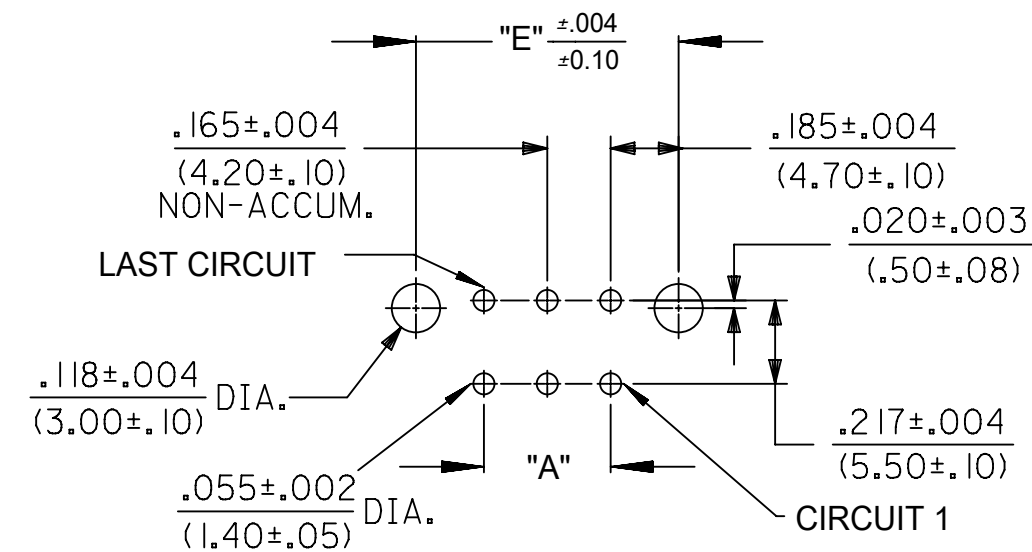
- NOTES:
1. HOUSING MAT'L.: POLYESTER, UNFILLED, 94V-0. COLOR: BLACK.
TERMINAL MATERIAL: BRASS ALLOY
 2. PLATINGS:
 - 1 = .000035/(.00090) MIN. REFLOWED MATTE TIN OVER
.000020/(.00050) MIN. COPPER (PREPLATE)
(FINISH IS BRIGHT IN APPEARANCE,
THICKNESS AS APPLIED PRIOR TO REFLOW)
 - 2 = .000030/(.00076) MIN. SELECT GOLD AND
.000100/(.00254) MIN. SELECT MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
 - 3 = .000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL
 3. PRODUCT SPECIFICATION PS-5556-003
 4. PACKAGING SPECIFICATION: BULK PER PK-30069-001
TRAY PER 300690000-PK
 5. PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.
 6. 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



WITH PEGS

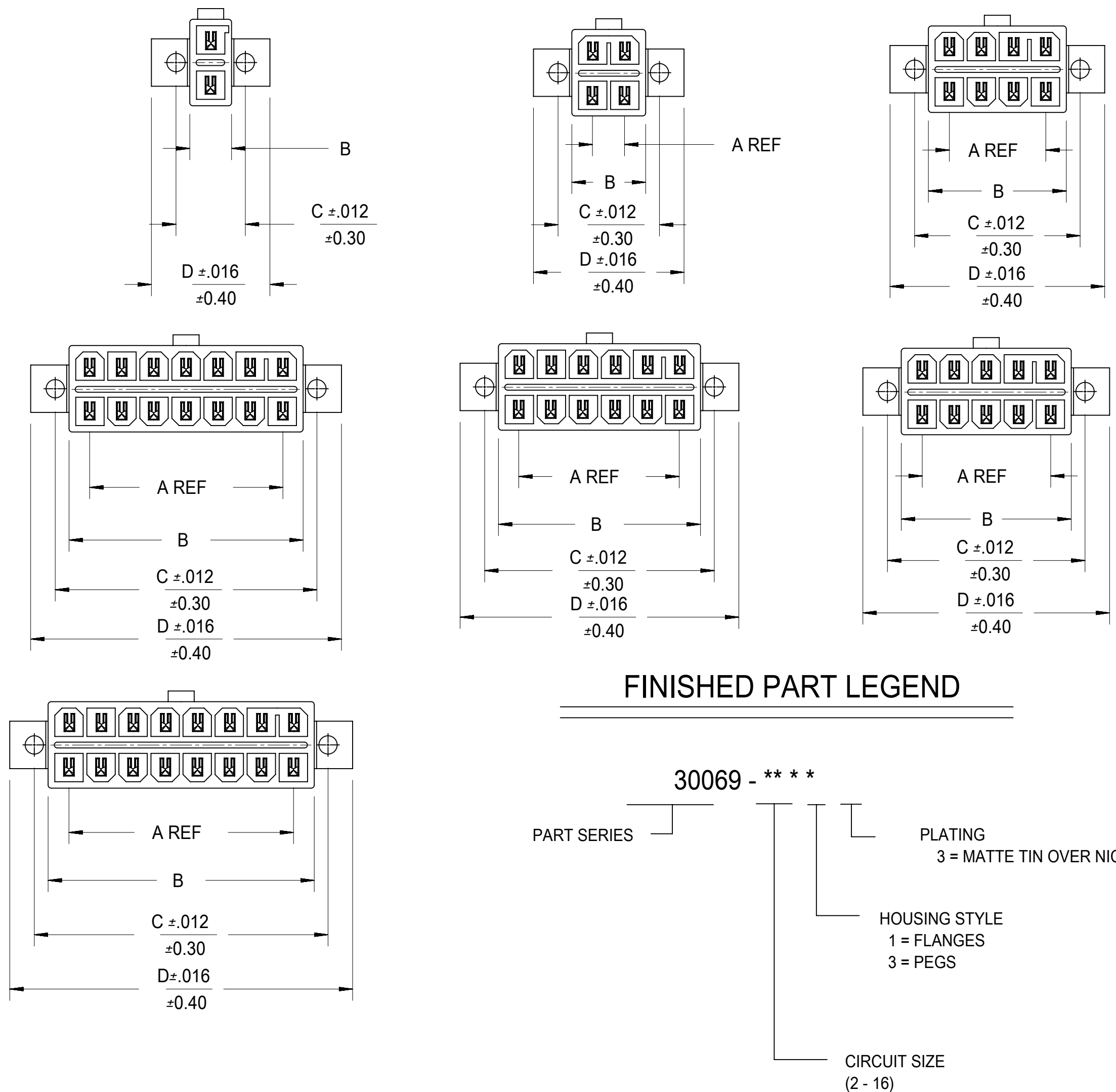


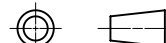
PCB LAYOUT FOR 2-16 CIRCUIT PARTS

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: INITIAL RELEASE				molex									
▽ = 0		IN/MM		2:1															
▽ = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 173061				MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY									
▽ = 0																			
▽ = 0			MM	INCH	DRWN: AZAHIROVIC2018/02/26				PRODUCT CUSTOMER DRAWING										
▽ = 0		4 PLACES	±	±															
▽ = 0		3 PLACES	±	± 0.01	CHK'D: JBELL2018/04/06				DOCUMENT NUMBER300690000-SD					DOC TYPEPSD	DOC PART000	REVISIONA			
▽ = 0		2 PLACES	±	0.25 ± 0.014															
▽ = 0		1 PLACES	±	0.36 ±	INITIAL REVISION:				MATERIAL NUMBERSEE CHARTS					CUSTOMERGENERAL MARKET		SHEET NUMBER1 OF 3			
▽ = 0		0 PLACES	±																
▽ = 0		ANGULAR TOL ± 0.5 °			DRWN: FJR1991/19/09				30069					GENERAL MARKET		1 OF 3			
▽ = 0					APPR: FSMITH2012/03/08														
▽ = 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWINGC-SIZE		SERIES										
▽ = 0																			

		11		10		9		8		7		6		5		4		3		2		1	
TIN-PLATED ASSEMBLIES WITH PEGS								GOLD-PLATED ASSEMBLIES WITH PEGS								LEGEND A - 30069 - ** * * CIRCUIT SIZE (2 - 16) HOUSING STYLE A = FLANGES C = PEGS PLATING 1 = TIN OVER COPPER 2 = GOLD OVER NICKEL 3 = MATTE TIN OVER NICKEL							
CKT. SIZE	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "E"	DIM. "D"	PACKAGING	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "E"	DIM. "D"	PACKAGING									
2	A-30069-02C1	15-97-7023	----	<u>.213</u> (5.40)	<u>.370</u> (9.40)	----	BULK			----	<u>.213</u> (5.40)	<u>.370</u> (9.40)	----	BULK									
4	A-30069-04C1	15-97-7043	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.535</u> (13.60)	----	BULK	A-30069-04C2	15-97-7045	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.535</u> (13.60)	----	BULK									
6			<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.701</u> (17.80)	----	BULK			<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.701</u> (17.80)	----	BULK									
8	A-30069-08C1	15-97-7083	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.866</u> (22.00)	----	BULK	A-30069-08C2	15-97-7085	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.866</u> (22.00)	----	BULK									
10	A-30069-10C1	15-97-7103	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.031</u> (26.20)	----	BULK	A-30069-10C2	15-97-7105	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.031</u> (26.20)	----	TRAY									
12	A-30069-12C1	15-97-7123	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.197</u> (30.40)	----	BULK	A-30069-12C2	15-97-7125	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.197</u> (30.40)	----	TRAY									
14	A-30069-14C1	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.362</u> (34.60)	----	BULK	A-30069-14C2	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.362</u> (34.60)	----	TRAY									
16	A-30069-16C1	NOT TOOLED	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.528</u> (38.80)	----	BULK	A-30069-16C2	15-97-7165	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.528</u> (38.80)	----	TRAY									
TIN-PLATED ASSEMBLIES WITH FLANGES								GOLD-PLATED ASSEMBLIES WITH FLANGES															
CKT. SIZE	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	PACKAGING	ENG. NO.	EDP. NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	PACKAGING									
2	A-30069-02A1	15-97-7022	----	<u>.213</u> (5.40)	<u>.354</u> (9.00)	<u>.606</u> (15.40)	BULK	A-30069-02A2	15-97-7024	----	<u>.213</u> (5.40)	<u>.354</u> (9.00)	<u>.606</u> (15.40)	BULK									
4	A-30069-04A1	15-97-7042	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.520</u> (13.20)	<u>.772</u> (19.60)	BULK	A-30069-04A2	15-97-7044	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.520</u> (13.20)	<u>.772</u> (19.60)	BULK									
6	A-30069-06A1	15-97-7062	<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.685</u> (17.40)	<u>.937</u> (23.80)	BULK	A-30069-06A2	15-97-7064	<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.685</u> (17.40)	<u>.937</u> (23.80)	BULK									
8	A-30069-08A1	15-97-7082	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.850</u> (21.60)	<u>1.102</u> (28.00)	BULK	A-30069-08A2	15-97-7084	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.850</u> (21.60)	<u>1.102</u> (28.00)	TRAY									
10	A-30069-10A1	15-97-7102	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.016</u> (25.80)	<u>1.268</u> (32.20)	BULK	A-30069-10A2	15-97-7104	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.016</u> (25.80)	<u>1.268</u> (32.20)	BULK									
12	A-30069-12A1	15-97-7122	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.181</u> (30.00)	<u>1.433</u> (36.40)	BULK	A-30069-12A2	15-97-7124	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.181</u> (30.00)	<u>1.433</u> (36.40)	BULK									
14	A-30069-14A1	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.346</u> (34.20)	<u>1.598</u> (40.60)	BULK	A-30069-14A2	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.346</u> (34.20)	<u>1.598</u> (40.60)	BULK									
16	A-30069-16A1	15-97-7162	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.512</u> (38.40)	<u>1.764</u> (44.80)	BULK	A-30069-16A2	15-97-7164	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.512</u> (38.40)	<u>1.764</u> (44.80)	BULK									
SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE IN/MM 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) MM INCH 4 PLACES ± ± 3 PLACES ± ± 0.01 2 PLACES ± 0.25 ± 0.014 1 PLACE ± 0.36 ± 0 PLACES ± ± ANGULAR TOL ± 0.5 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING SERIES C-SIZE 30069 CURRENT REV DESC: INITIAL RELEASE EC NO: 173061 DRWN: AZAHIROVIC CHK'D: JBELL APPR: FSMITH 2018/02/26 2018/04/06 2018/04/13 INITIAL REVISION: DRWN: FJR APPR: FSMITH 1991/19/09 2012/03/08 DOCUMENT NUMBER 300690000-SD DOC TYPE PSD DOC PART 000 REVISION A MATERIAL NUMBER CUSTOMER SHEET NUMBER SEE CHARTS GENERAL MARKET 2 OF 3 DOCUMENT STATUS P1 RELEASE DATE 2018/04/13 22:56:46 THIS DRAWING REPLACES DRAWING SDA-30069-+++ 12 11 10 9 8 7 6 5 4 3 2 1																							

	12	11	10	9			
H	MATTE TIN-PLATED ASSEMBLIES WITH PEGS						
	CKT. SIZE	MATERIAL NUMBER	DIM. "A"	DIM. "B"	DIM. "E"	DIM. "D"	PACKAGING
	2	30069-0233	----- <u>.213</u> (5.40)	<u>.370</u> (9.40)	-----	TRAY	
	4	30069-0433	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.535</u> (13.60)	-----	TRAY
G	6		<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.701</u> (17.80)	-----	TRAY
	8	30069-0833	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.866</u> (22.00)	-----	TRAY
	10	30069-1033	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.031</u> (26.20)	-----	TRAY
	12	30069-1233	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.197</u> (30.40)	-----	TRAY
F	14	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.362</u> (34.60)	-----	TRAY
	16	30069-1633	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.528</u> (38.80)	-----	TRAY
MATTE TIN-PLATED ASSEMBLIES WITH FLANGES							
E	CKT. SIZE	MATERIAL NUMBER	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	PACKAGING
	2	30069-0213	----- <u>.213</u> (5.40)	<u>.354</u> (9.00)	<u>.606</u> (15.40)	TRAY	
	4	30069-0413	<u>.165</u> (4.20)	<u>.378</u> (9.60)	<u>.520</u> (13.20)	<u>.772</u> (19.60)	TRAY
	6	30069-0613	<u>.331</u> (8.40)	<u>.543</u> (13.80)	<u>.685</u> (17.40)	<u>.937</u> (23.80)	TRAY
D	8	30069-0813	<u>.496</u> (12.60)	<u>.709</u> (18.00)	<u>.850</u> (21.60)	<u>1.102</u> (28.00)	TRAY
	10	30069-1013	<u>.661</u> (16.80)	<u>.874</u> (22.20)	<u>1.016</u> (25.80)	<u>1.268</u> (32.20)	TRAY
	12	30069-1213	<u>.827</u> (21.00)	<u>1.039</u> (26.40)	<u>1.181</u> (30.00)	<u>1.433</u> (36.40)	TRAY
	14	NOT TOOLED	<u>.992</u> (25.20)	<u>1.205</u> (30.60)	<u>1.346</u> (34.20)	<u>1.598</u> (40.60)	TRAY
C	16	30069-1613	<u>1.157</u> (29.40)	<u>1.370</u> (34.80)	<u>1.512</u> (38.40)	<u>1.764</u> (44.80)	TRAY
B							



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT PERMISSION															
 = 0  = 0  = 0	DIMENSION UNITS	SCALE		CURRENT REV DESC: INITIAL RELEASE				molex								
	IN/MM	1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 173061 DRWN: AZAHIROVIC 2018/02/26 CHK'D: JBELL 2018/04/06 APPR: FSMITH 2018/04/13				MINI-FIT T.P.A. VERTICAL HEADER ASSEMBLY				
	MM	INCH														
 = 0  = 0  = 0	4 PLACES	±	±	DRWN: FJR 1991/19/09 APPR: FSMITH 2012/03/08				PRODUCT CUSTOMER DRAWING								
	3 PLACES	±	± 0.01													
 = 0  = 0  = 0	2 PLACES	±	0.25 ± 0.014	INITIAL REVISION: DRWN: FJR 1991/19/09 APPR: FSMITH 2012/03/08				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
	1 PLACE	±	0.36 ±					300690000-SD		PSD	000	A				
= 0 = 0 = 0	0 PLACES	±	±	THIRD ANGLE PROJECTION 				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER	
	ANGULAR TOL ± 0.5 °							C-SIZE		30069		SEE CHARTS		GENERAL MARKET		3 OF 3
= 0 = 0 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															