

NATURAL HEADERS						
		12	GOLD	<u>1.039</u>	<u>.827</u>	BULK
30070-1235			TIN	(26.40)	(21.00)	
	10	GOLD	<u>.874</u>	<u>.661</u>		
30070-1035		TIN	(22.20)	(16.80)		
30070-0832	8	GOLD	<u>.709</u>	<u>.496</u>		
30070-0835		TIN	(18.00)	(12.60)		
	6	GOLD	<u>.543</u>	<u>.331</u>		
30070-0635		TIN	(13.80)	(8.40)		
	4	GOLD	<u>.378</u>	<u>.165</u>		
		TIN	(9.60)	(4.20)		
	2	GOLD	<u>.213</u>	_____		
30070-0235		TIN	(5.40)			
PART NUMBER	ENG NUMBER	CKT. SIZE	PLATING	DIM "A"	DIM "B"	PACKAGING

BLACK HEADERS						
		12	GOLD	<u>1.039</u>	<u>.827</u>	BULK
30070-1215			TIN	(26.40)	(21.00)	
		10	GOLD	<u>.874</u>	<u>.661</u>	
30070-1015			TIN	(22.20)	(16.80)	
30070-0812		8	GOLD	<u>.709</u>	<u>.496</u>	
30070-0815			TIN	(18.00)	(12.60)	
		6	GOLD	<u>.543</u>	<u>.331</u>	
30070-0615			TIN	(13.80)	(8.40)	
		4	GOLD	<u>.378</u>	<u>.165</u>	
15-97-8043	30070-04B3		TIN	(9.60)	(4.20)	
		2	GOLD	<u>.213</u>	_____	
15-97-8023	30070-02B3		TIN	(5.40)		
PART NUMBER	ENG NUMBER	CKT. SIZE	PLATING	DIM "A"	DIM "B"	PACKAGING

1. MATERIAL:
HOUSING: POLYESTER, UNFILLED, UL94 V-0,
COLOR: SEE CHART
TERMINALS: BRASS

2. TERMINAL PLATING:
3 OR 5-.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL
1 OR 2-.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL OVERALL

3. PRODUCT SPECIFICATION: PS-5556-003

4. PACKAGING: SEE CHARTS: BULK PER PK-30070-001
TRAY PER PK-44483-001

5. PART MATES WITH MINI-FIT JR. TPA RECEPTACLE 30067.

6. PARTS ARE NOT TO BE MATED OR UNMATED WHILE
CIRCUITS ARE LIVE.

7. DISCOLORATION ON THE BANDOLIER CARRIER AREA OF
THE PIN IS INHERENT TO THE PLATING PROCESS
AND IS DUE TO THE MASKING EFFECT OF THE CARRIER.
THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA
OF THE PIN AND WILL NOT AFFECT THE PREFORMMANCE
OF THE HEADER ASSEMBLY.

8. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF
COSMETIC SPECIFICATION PS-45499-002.

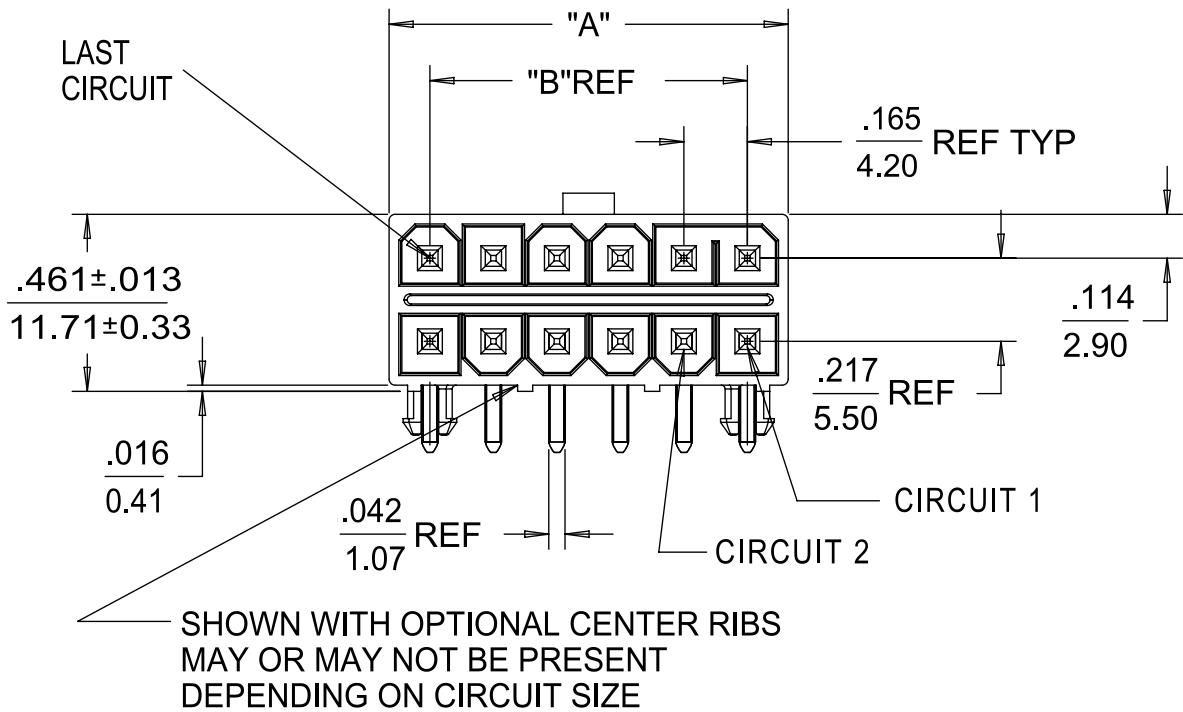
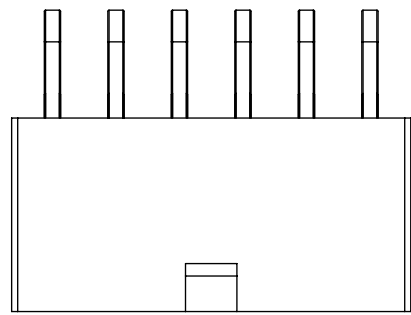
9 FORMING MARKS ARE ACCEPTABLE.

10. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

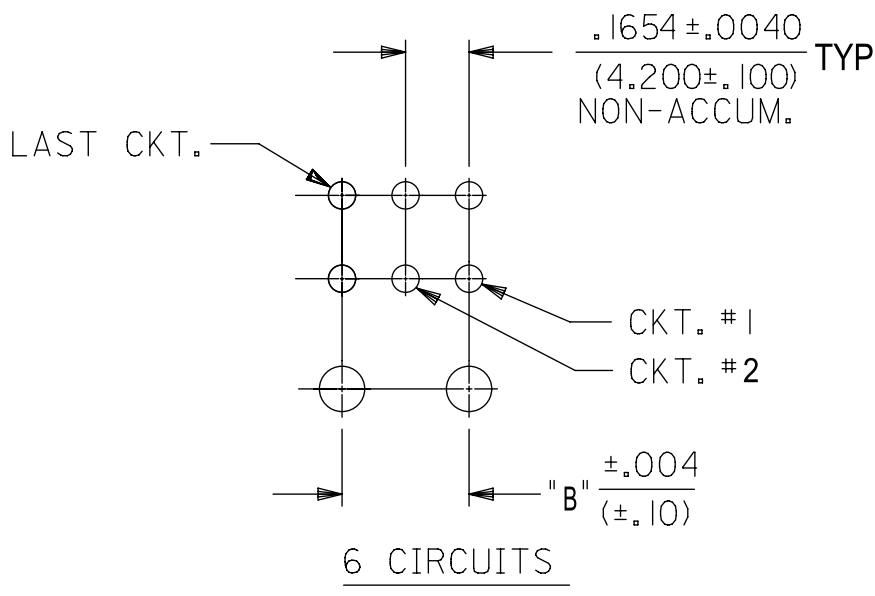
11. CORNER CORE-OUTS ARE OPTIONAL AND MAY OR MAY NOT BE PRESENT.

12. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY
DEPENDING ON PART NUMBER AND/OR TOOL.

FORMAT: Eng-Ida-maslo-b-prod-C	12	11	10
REVISION: E1			
DATE: 2021/05/01			



SEE SHEET 2 FOR FLANGE MOUNT



NOTE:
DIMENSIONS SHOWN IN THIS
VIEW ARE TYPICAL FOR ALL
P.C.B. CONFIGURATIONS FROM
6-16 CIRCUITS.

30070 - * * *

BASE NUMBER _____

CIRCUIT SIZE _____

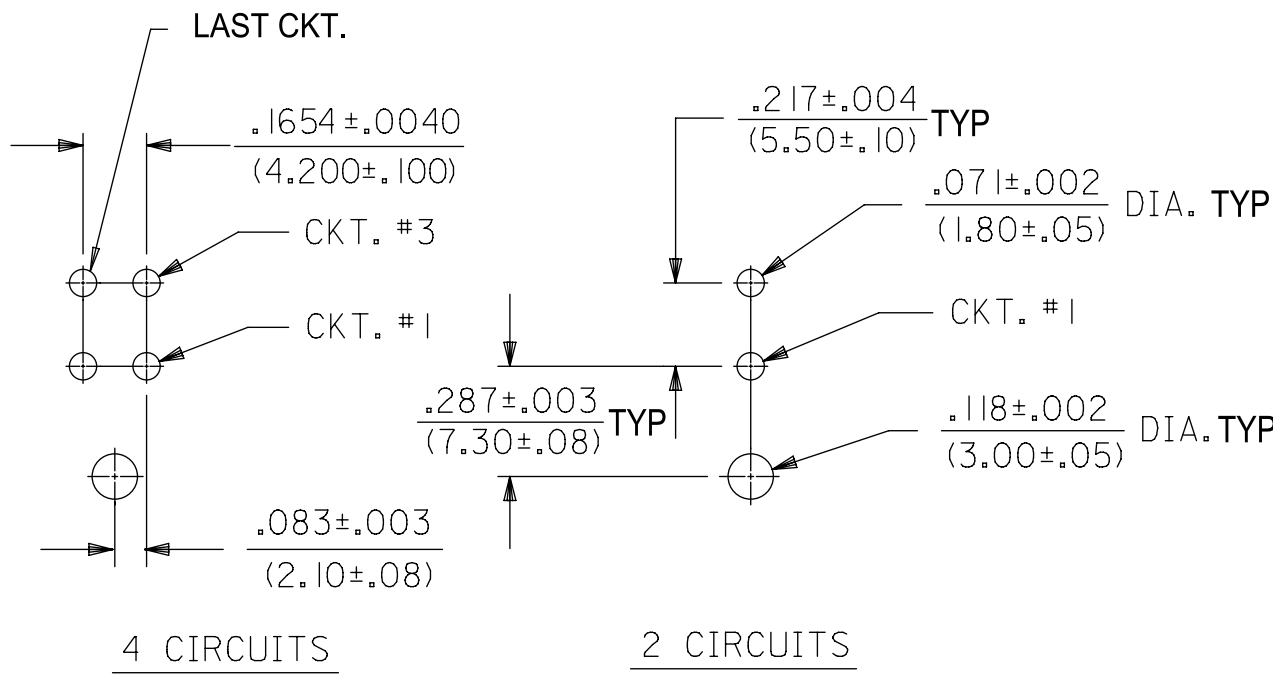
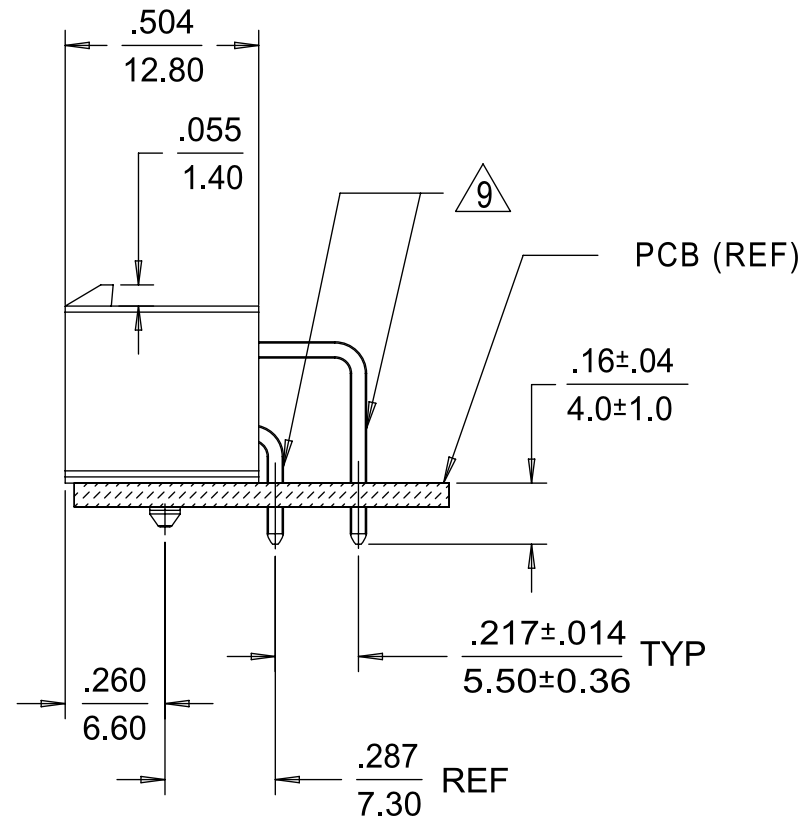
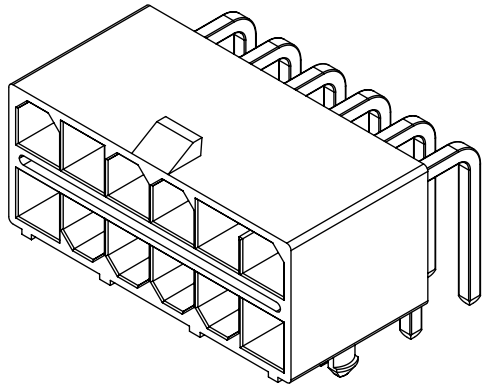
PCB MOUNTING & COLOR _____

"B" OR "1" = PEG, COLOR = BLACK

"A" = FLANGE (SEE SHEET 2)

"3" = PEG, COLOR = NATURAL

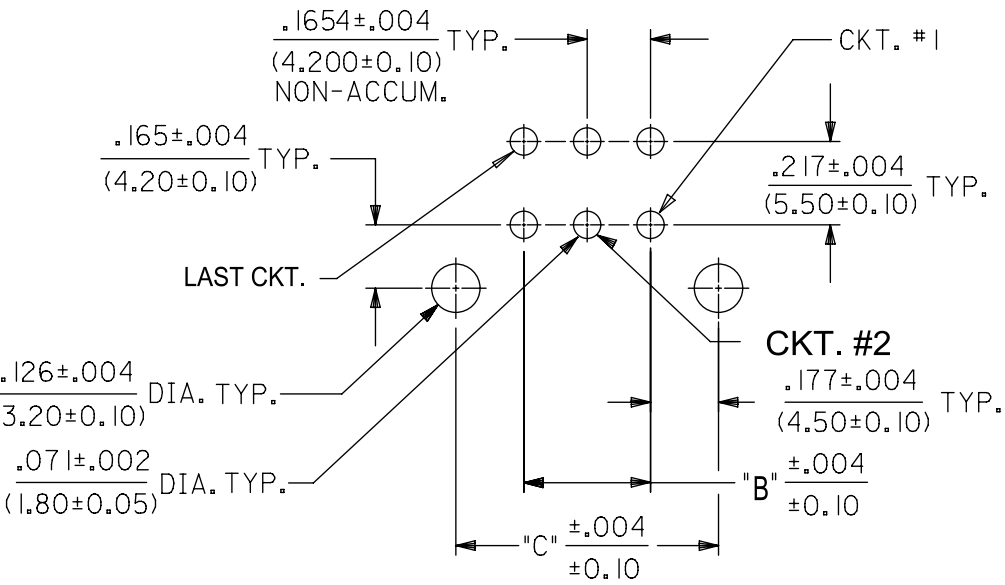
PLATING _____
(SEE NOTE 2)



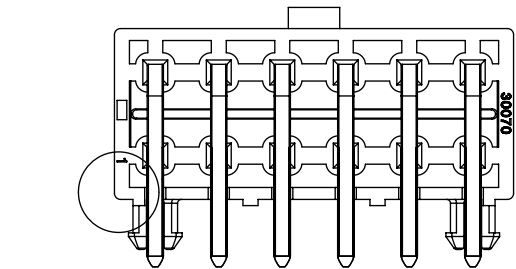
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. P.C.BOARD
VIEWED FROM COMPONENT SIDE OF BOARD

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
IN/MM		NTS													
GENERAL TOLERANCES (UNLESS SPECIFIED)								EC NO: 801920 DRWN: JERRYW8 2024/10/22 CHK'D: XQZHANG 2024/10/23 APPR: XQZHANG 2024/10/23				MINI-FIT TPA RIGHT ANGLE HEADER ASSY			
		MM	INCH												
4 PLACES		±						PRODUCT CUSTOMER DRAWING							
3 PLACES		±													
2 PLACES		±	0.25												
1 PLACE		±	0.36					DOCUMENT NUMBER SD-30070-001							
0 PLACES		±										DOC TYPE	DOC PART	REVISION	
ANGULAR TOL		±	0.5 °	INITIAL REVISION: DRWN: JDFOX 2015/04/10 APPR: FSMITH 2015/04/10				PSD	000	D9					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE	SERIES 30070	MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2			

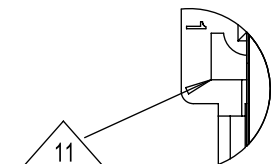
BLACK FLANGE MOUNT HEADERS								
CKT. SIZE	PART NUMBER	ENG NUMBER	PLATING	DIM "A"	DIM "B"	DIM "C"	DIM "D"	PACKAGING
2			TIN	.213	—	.354	.606	BULK
			GOLD	(5.40)	—	(9.00)	(15.40)	
4			TIN	.378	.165	.520	.772	
			GOLD	(9.60)	(4.20)	(13.20)	(19.60)	
6	15-97-8062	30070-06A3	TIN	.543	.331	.685	.937	
	15-97-8067	30070-06A1	GOLD	(13.80)	(8.40)	(17.40)	(23.80)	
8	15-97-8082	30070-08A3	TIN	.709	.496	.850	1.102	
	15-97-8087	30070-08A1	GOLD	(18.00)	(12.60)	(21.60)	(28.00)	
10	15-97-8102	30070-10A3	TIN	.874	.661	1.016	1.268	TRAY
	15-97-8107	30070-10A1	GOLD	(22.20)	(16.80)	(25.80)	(32.20)	
	15-97-8122	30070-12A3	TIN	1.039	.827	1.181	1.433	
	15-97-8127	30070-12A1	GOLD	(26.40)	(21.00)	(30.00)	(36.40)	
16	15-97-8162	30070-16A3	TIN	1.370	1.157	1.512	1.764	
	15-97-8167	30070-16A1	GOLD	(34.80)	(29.40)	(38.40)	(44.80)	



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. P.C.BOARD
VIEWED FROM COMPONENT SIDE OF BOARD

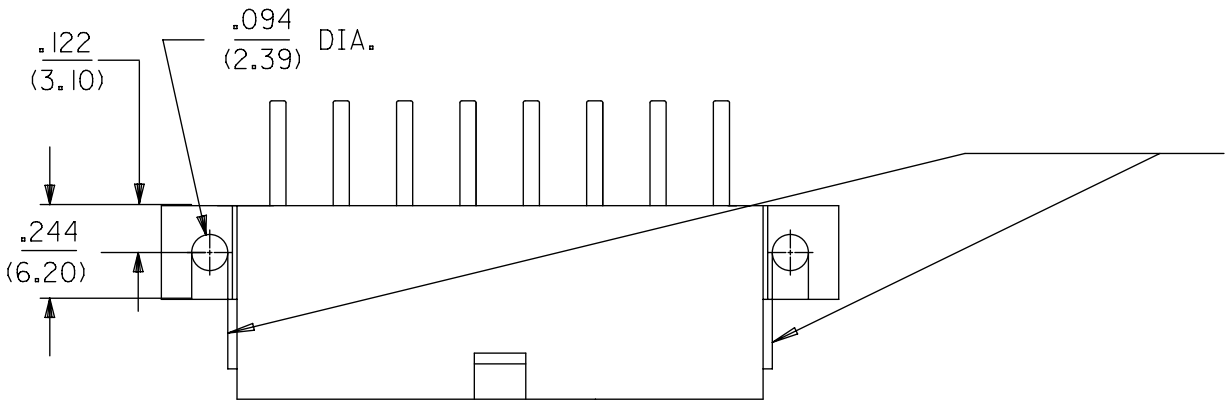


SEE DETAIL 1



DETAIL 1
SCALE 4:1

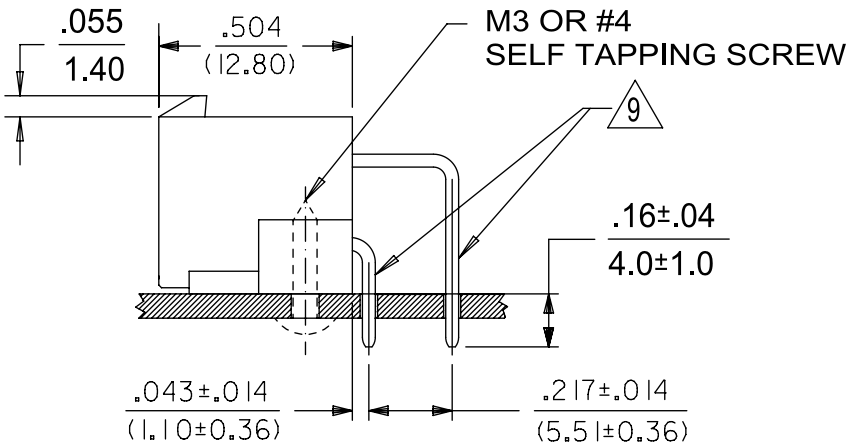
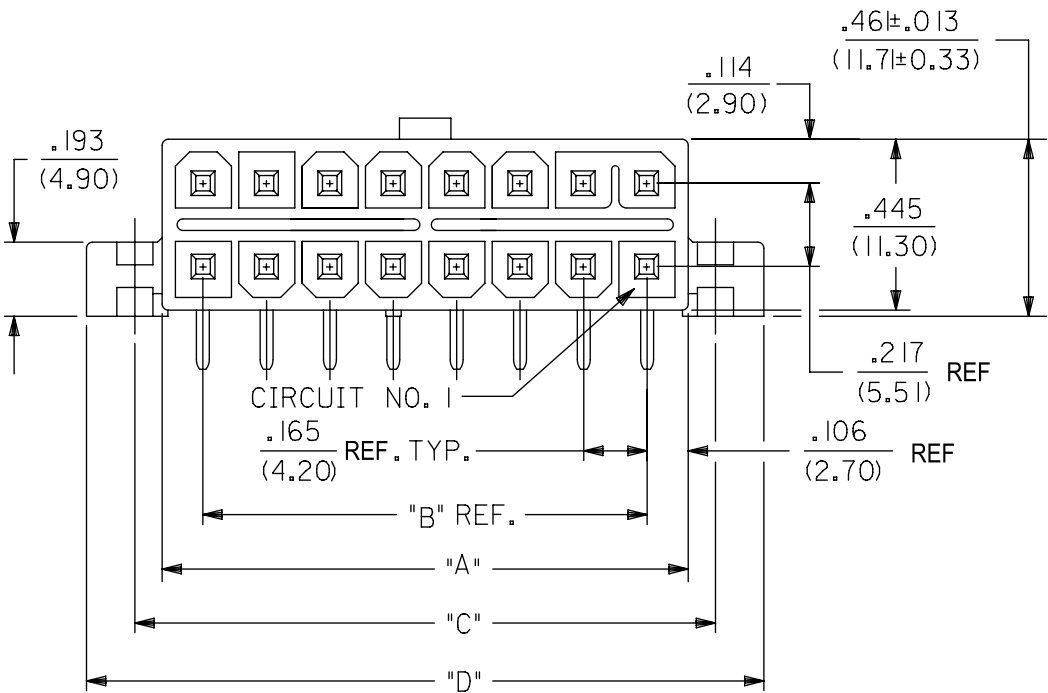
APPLIES TO ALL
CIRCUIT SIZES
BOTH PEGGED
AND FLANGED



THIS FEATURE IS NOT PRESENT ON
12 AND 16 CIRCUIT PARTS.

OPTION 2 FLANGE MOUNT

SEE SHEET 1 FOR PEG MOUNT



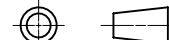
FINISHED PART LEGEND

BASE NUMBER 30070 - * * * *

CIRCUIT SIZE

PCB MOUNTING & COLOR
"B" OR "1" = PEG (SEE SHEET 1)
"A" = FLANGE COLOR = BLACK
"3" = PEG (SEE SHEET 1)

PLATING
(SEE NOTE 2)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIMENSION UNITS		SCALE		CURRENT REV DESC: EC NO: 801920 DRWN: JERRYW82024/10/22 CHK'D: XQZHANG2024/10/23 APPR: XQZHANG2024/10/23 INITIAL REVISION: DRWN: JDFOX2015/04/10 APPR: FSMITH2015/04/10						
IN/MM		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)										
		MM	INCH							
4 PLACES	±		±							
3 PLACES	±		±							
2 PLACES	±	0.25	±							
1 PLACE	±	0.36	±							
0 PLACES	±		±							
ANGULAR TOL ± 0.5 °										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						C-SIZE	30070	SEE CHART	GENERAL MARKET	2 OF 2