

NATURAL HEADERS

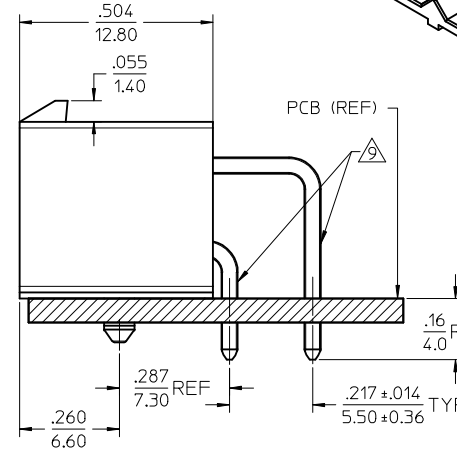
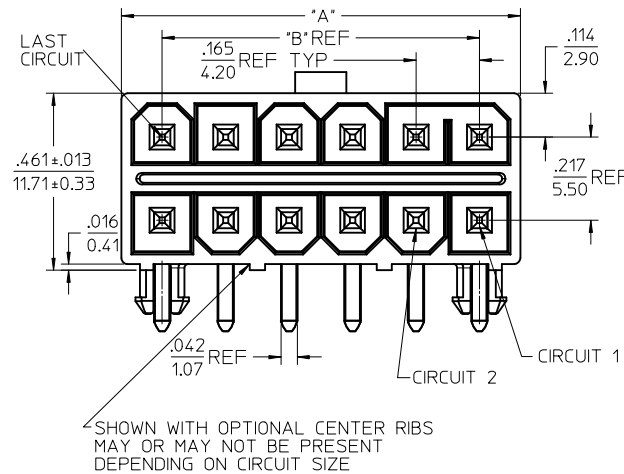
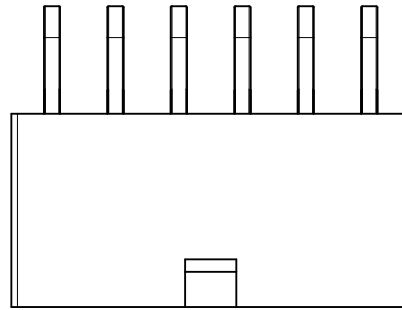
30070-1232		12	GOLD	1.039	.827
30070-1235			TIN	(26.40)	(21.00)
30070-1032		10	GOLD	.874	.661
30070-1035			TIN	(22.20)	(16.80)
30070-0832		8	GOLD	.709	.496
30070-0835			TIN	(18.00)	(12.60)
30070-0632		6	GOLD	.543	.331
30070-0635			TIN	(13.80)	(8.40)
30070-0432		4	GOLD	.378	.165
30070-0435			TIN	(9.60)	(4.20)
30070-0232		2	GOLD	.213	
30070-0235			TIN	(5.40)	

PART NUMBER	ENG NUMBER	CKT. SIZE	PLATING	DIM "A"	DIM "B"
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BLACK HEADERS

30070-1212		12	GOLD	1.039	.827
30070-1215			TIN	(26.40)	(21.00)
30070-1012		10	GOLD	.874	.661
30070-1015			TIN	(22.20)	(16.80)
30070-0812		8	GOLD	.709	.496
30070-0815			TIN	(18.00)	(12.60)
30070-0612		6	GOLD	.543	.331
30070-0615			TIN	(13.80)	(8.40)
15-97-8048	30070-04B1	4	GOLD	.378	.165
15-97-8043	30070-04B3		TIN	(9.60)	(4.20)
15-97-8028	30070-02B1	2	GOLD	.213	
15-97-8023	30070-02B3		TIN	(5.40)	

PART NUMBER	ENG NUMBER	CKT. SIZE	PLATING	DIM "A"	DIM "B"
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FINISHED PART LEGEND

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)

NOTES:

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: BULK PER PK-30070-001

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.

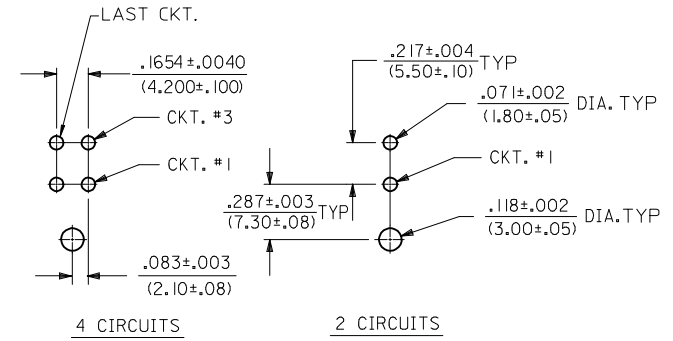
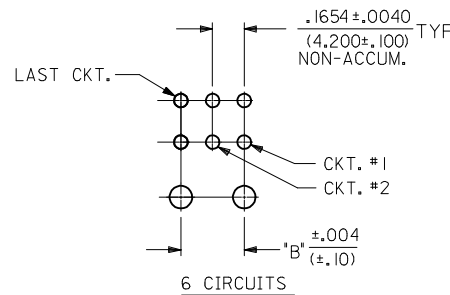
8. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

9. FORMING MARKS ARE ACCEPTABLE.

10. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

OPTION 1 AND 3 PEG MOUNT

SEE SHEET 2 FOR FLANGE MOUNT

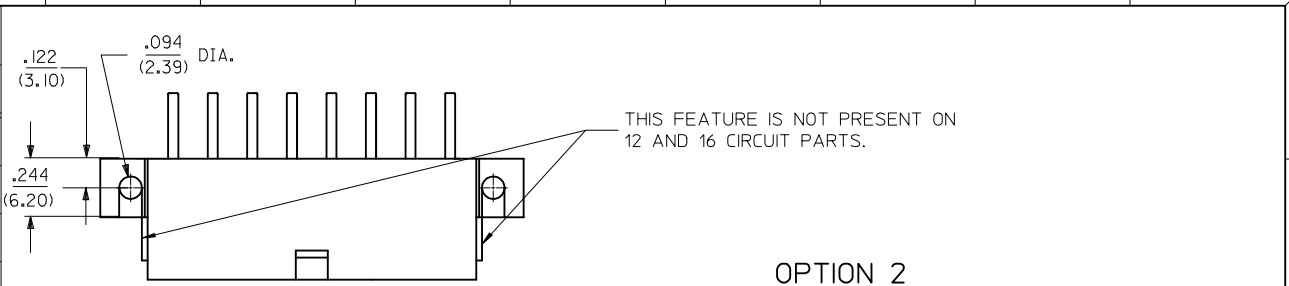


RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. P.C. BOARD

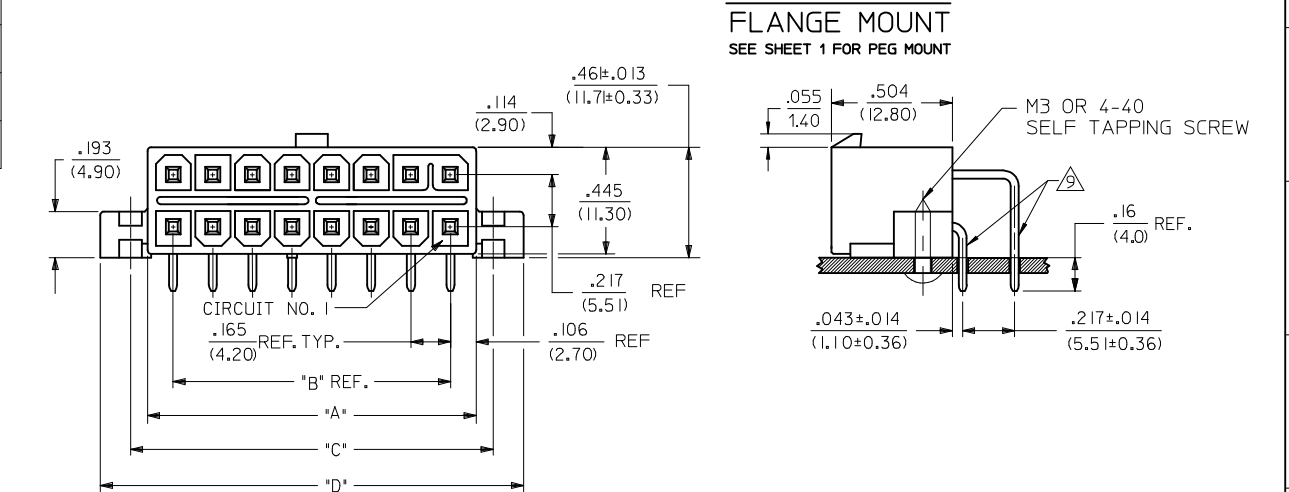
VIEWED FROM COMPONENT SIDE OF BOARD

OBS P/N 'S	EC NO: UCP2013-1811	DRWN:BBEE	CHKD:JBELL	2012/11/06	2012/11/06	APPR:FSMITH	2013/01/11	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		TITLE
													IN/MM		4:1	METRIC			
D1											mm		INCH		DRAWN BY		DATE		MINI-FIT TPA RIGHT ANGLE HEADER ASSY
											4 PLACES ± --- ± ---		TGREGORI		2006/03/28				
											3 PLACES ± --- ± .010		CHECKED BY		DATE				
											2 PLACES ± 0.25 ± .014		JCOMERCI		2006/03/28				
											1 PLACE ± 0.36 ± ---		APPROVED BY		DATE				
											ANGULAR ± 1/2°		FSMITH		2010/04/09				
													MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
											DRAFT WHERE APPLICABLE		SEE TABLE		SD-30070-001		1 OF 2		
											MUST REMAIN WITHIN DIMENSIONS								

BLACK FLANGE MOUNT HEADERS							
CKT. SIZE	PART NUMBER	ENG NUMBER	PLATING	DIM "A"	DIM "B"	DIM "C"	DIM "D"
2	15-97-8022	30070-02A3	TIN	.213	—	.354	.606
	15-97-8027	30070-02A1	GOLD	(5.40)	—	(9.00)	(15.40)
4	15-97-8042	30070-04A3	TIN	.378	.165	.520	.772
	15-97-8047	30070-04A1	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
	15-97-8107	30070-10A1	GOLD	(22.20)	(16.80)	(25.80)	(32.20)
12	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)



OPTION 2
FLANGE MOUNT
SEE SHEET 1 FOR PEG MOUNT



FINISHED PART LEGEND

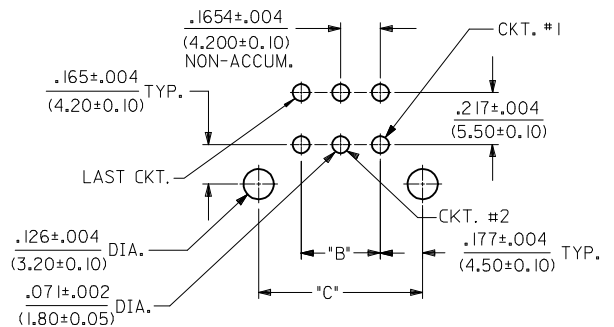
30070 - * * * *

BASE NUMBER

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)



SEE SHEET 1

EC NO: UCP2013-1811

2012/11/06

DRWN:BBEE

2012/11/06

CHKD:JBELL

2013/01/11

APPR:FSMITH

REV

D1

QUALITY SYMBOLS

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .004	± .0003
2 PLACES	± .003	± .0002
1 PLACE	± .002	± .0001

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SD-30070-001

SEE TABLE

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

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

MINI-FIT TPA

RIGHT ANGLE HEADER ASSY

MOLEX INCORPORATED

SHEET NO.

2 OF 2