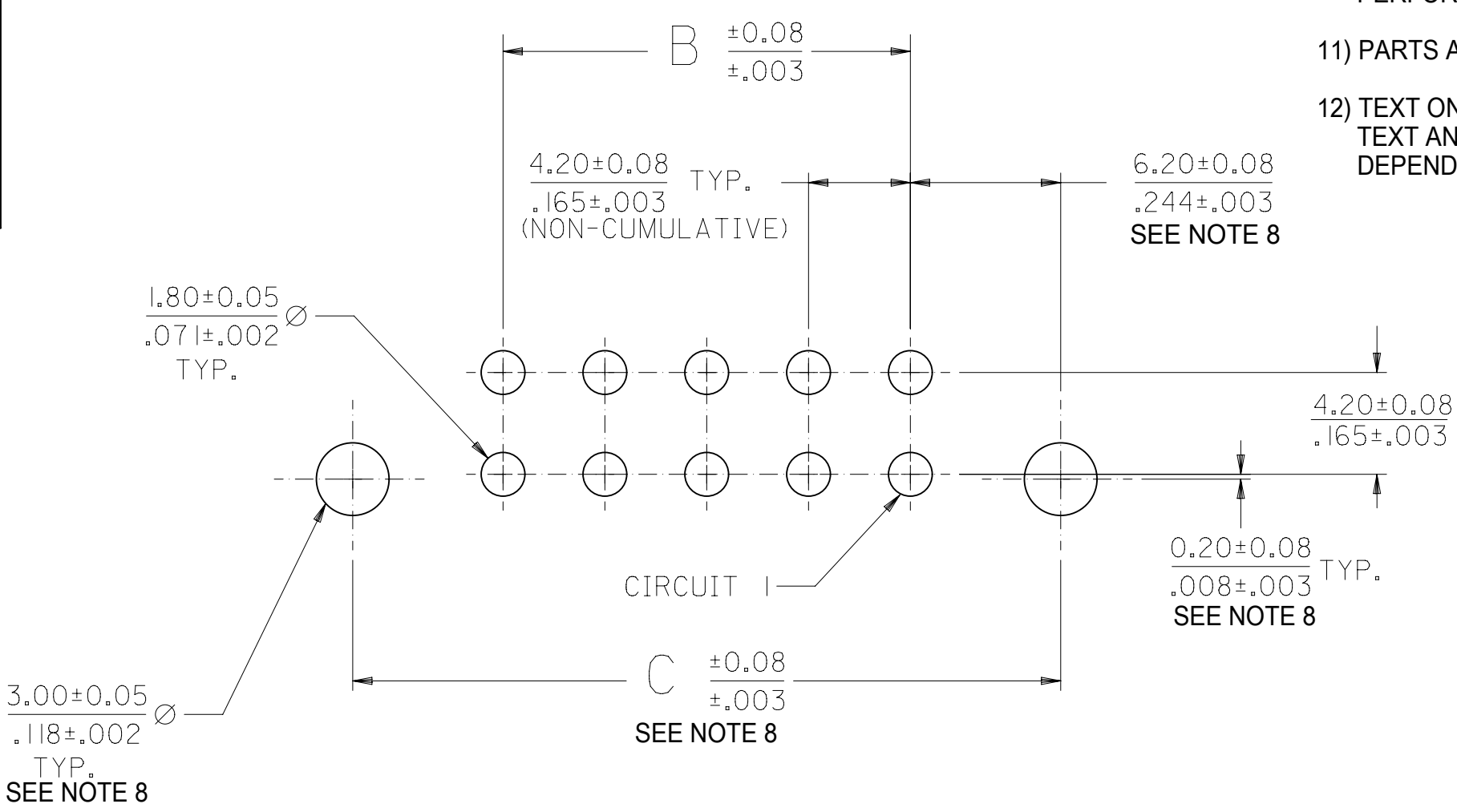
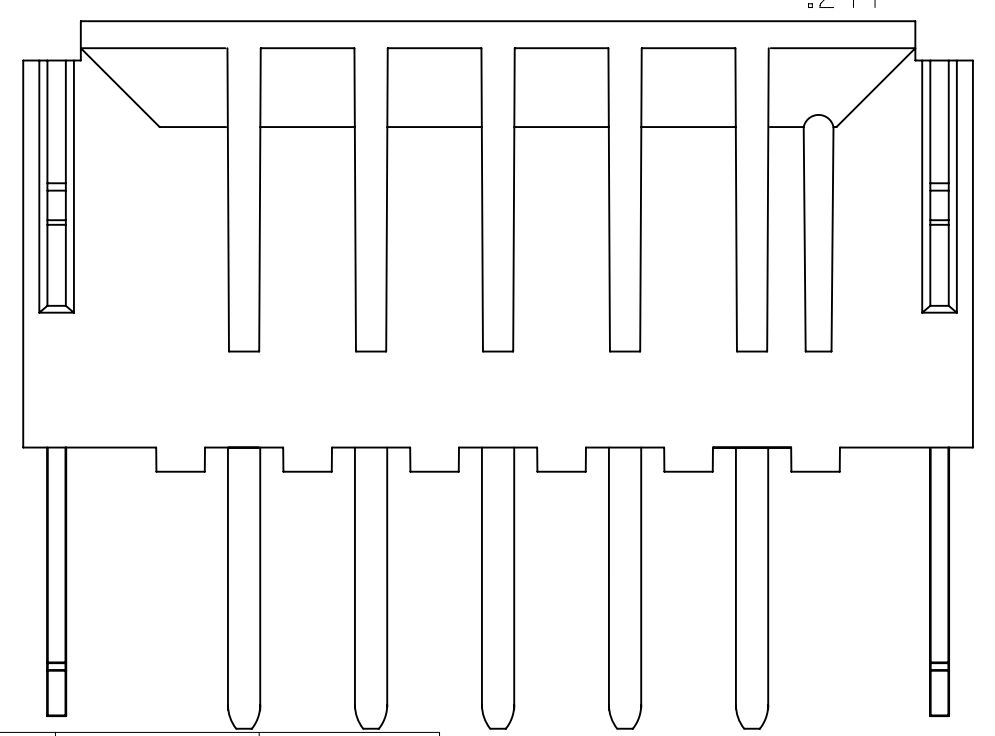


- NOTES:
- MATERIALS:
HOUSING: PA46 FILLED BLACK, UL94V-0
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
 - FINISHES:
TERMINAL:
1.=(0.00254)/.000100 MIN. BRIGHT TIN OVER (0.00127)/.000050 MIN. NICKEL
2.=(0.00076)/.000030 MIN. SELECT GOLD AND (0.00254)/.000100 MIN. SELECT MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL OVERALL
MOUNTING CLIP:
(0.00254)/.000100 MIN. MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL
 - PRODUCT SPECIFICATIONS: PS-43810-001
 - PACKAGING SPECIFICATION: PK-43879-002
 - PART MATES WITH MOLEX RECEPTACLE #5557 AND #42474, AND # 44516 AND #42385 HEADER.
 - PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION.
 - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
 - THIS DIMENSION DOES NOT APPLY TO PARTS WITHOUT P.C. BOARD RETENTION CLIPS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - DISCOLORATION IN 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 PERFORMANCE OF THE HEADER ASSEMBLY.
 - PARTS ARE NOT DESIGNED FOR CURRENT SHARING
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: SEE CHART

CKTS	DIM. "A"	DIM. "B"	DIM. "C"
4	18.81 .740	4.20 .165	16.60 .653
6	23.01 .906	8.40 .331	20.80 .819
8	27.21 1.071	12.60 .496	25.00 .984
10	31.41 1.237	16.80 .661	29.20 1.150
12	35.61 1.402	21.00 .828	33.40 1.315
14	39.81 1.567	25.20 .992	37.60 1.480
16	44.01 1.733	29.40 1.157	41.80 1.646
18	48.21 1.898	33.60 1.323	46.00 1.811
20	52.41 2.063	37.80 1.488	50.20 1.976
22	56.61 2.229	42.00 1.654	54.40 2.142
24	60.81 2.394	46.20 1.819	58.60 2.307

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
▽ = 0	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE
▽ = 0	▽ = 0			MM/IN	4:1
▽ = 0	▽ = 0			DRWN BY	DATE
▽ = 0	▽ = 0			JIWANG	2000/07/27
▽ = 0	▽ = 0			CHK'D BY	DATE
▽ = 0	▽ = 0			BANDURA	2000/07/27
▽ = 0	▽ = 0			APPR BY	DATE
▽ = 0	▽ = 0			FSMITH	2011/11/11
▽ = 0	▽ = 0			DRAWING SIZE	THIRD ANGLE PROJECTION
▽ = 0	▽ = 0			C	
▽ = 0	▽ = 0			PRODUCT CUSTOMER DRAWING	
▽ = 0	▽ = 0			SERIES MATERIAL NUMBER CUSTOMER	
▽ = 0	▽ = 0			44068	SEE SHEET 2 GENERAL MARKET
▽ = 0	▽ = 0			DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER	
▽ = 0	▽ = 0			SD-44068-061	PSD 000 1 OF 2

FINISH:	I (SEE NOTE 2)
DIM. D:	WITHOUT CLIP
PCB THICKNESS:	$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$
CIRCUITS	MATERIAL NO.
04	44068-0244
06	44068-0245
08	X 44068-0246
10	44068-0247
12	X 44068-0248
14	44068-0249
16	X 44068-0250
18	44068-0251
20	X 44068-0252
22	X 44068-0253
24	44068-0254

FINISH:	I (SEE NOTE 2)
DIM. D:	$\frac{(6.60 \pm 0.25)}{.260 \pm .010}$
PCB THICKNESS:	$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$
CIRCUITS	MATERIAL NO.
04	44068-0266
06	44068-0267
08	X 44068-0268
10	44068-0269
12	X 44068-0270
14	44068-0271
16	X 44068-0272
18	44068-0273
20	X 44068-0274
22	X 44068-0275
24	44068-0276

FINISH:	2 (SEE NOTE 2)
DIM. D:	WITHOUT CLIP
PCB THICKNESS:	$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$
CIRCUITS	MATERIAL NO.
04	44068-0255
06	44068-0256
08	X 44068-0257
10	44068-0258
12	X 44068-0259
14	44068-0260
16	X 44068-0261
18	44068-0262
20	X 44068-0263
22	X 44068-0264
24	44068-0265

FINISH:	2 (SEE NOTE 2)
DIM. D:	$\frac{(6.60 \pm 0.25)}{.260 \pm .010}$
PCB THICKNESS:	$\frac{(6.35 \pm 0.18)}{.250 \pm .007}$
CIRCUITS	MATERIAL NO.
04	44068-0277
06	44068-0278
08	X 44068-0279
10	44068-0280
12	X 44068-0281
14	44068-0282
16	X 44068-0283
18	44068-0284
20	X 44068-0285
22	X 44068-0286
24	44068-0287

X PRECEDING PART NUMBER DESIGNATES
CIRCUIT SIZE IS NOT TOOLED
PLEASE CONTACT FACTORY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
QUALITY SYMBOLS		CHG DWG TO UNRESTRICT		2017/05/22		2017/05/22		2017/05/25		2017/05/25	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0	▽ = 0
GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION UNITS		SCALE		molex			
				MM/IN		1:1					
DRWN BY				DATE		MINI-FIT JR BMI SMC VERTICAL HEADER ASM FOR 6.35/.250 THK PCB					
JIWANG				2000/07/27							
CHK'D BY				DATE		PRODUCT CUSTOMER DRAWING					
BANDURA				2000/07/27							
APPR BY				DATE		SERIES MATERIAL NUMBER CUSTOMER					
FSMITH				2011/11/11							
DRAWING SIZE				THIRD ANGLE PROJECTION		44068 SEE SHEET 2 GENERAL MARKET					
C				☉							
ANGULAR TOL = 0.5				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER SD-44068-061 DOC TYPE PSD DOC PART 000 SHEET NUMBER 2 OF 2					
RELEASE STATUS		RELEASE DATE									

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