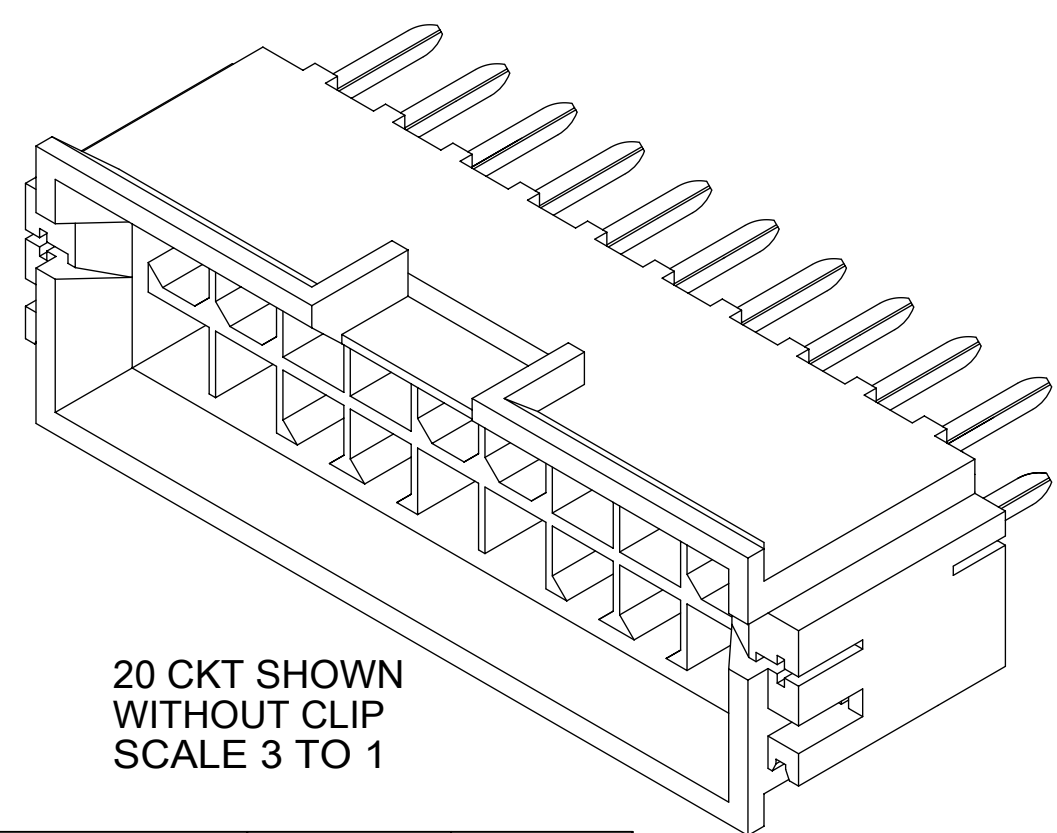
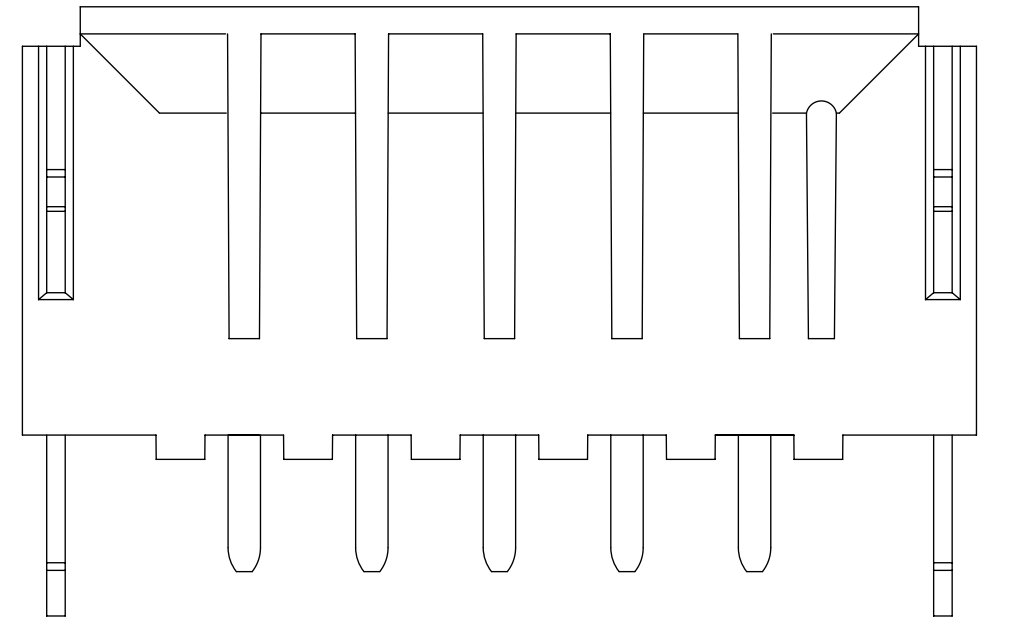


- NOTES:
- MATERIALS:
HOUSING: PA46 FILLED COLOR: BLACK, UL94V-0
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
 - FINISHES:
TERMINAL:
B = 0.00076/(.000030) MIN. SELECT GOLD AND 0.00254/(.000100) MIN. SELECT MATTE TIN OVER 0.00127/(.000050) MIN. NICKEL OVERALL
C = 0.00254/(.000100) MIN. MATTE TIN OVER NICKEL
MOUNTING CLIP:
1. (0.00254)/.000100 MIN. MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL
2. NOT PLATED
 - PRODUCT SPECIFICATIONS: PS-43810-001
 - PACKAGING SPECIFICATION: PK-43879-001
 - 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.
 - MAKE FIRST BREAK LAST PINS SHOWN. FOR THIS PART WITH STANDARD MATING LENGTH SEE DRAWING # SD-44068-031
 - 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.



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

SYMBOLS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
▽ = 0	▽ = 0	▽ = 0	▽ = 0	DIMENSION UNITS		SCALE	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	MM/IN		CURRENT REV DESC: ADD 44068-1018	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
▽ = 0	▽ = 0	▽ = 0	▽ = 0	4 PLACES ±		EC NO: 601609	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	3 PLACES ±		DRWN: DSTEIER 2018/06/27	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	2 PLACES ± 0.25 ± 0.014		CHK'D: DSTEIER 2018/07/18	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	1 PLACE ± 0.35 ±		APPR: FSMITH 2018/07/24	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	0 PLACES ±		INITIAL REVISION:	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	ANGULAR TOL ± 0.5°		DRWN: MANAPALZ 12/04/97	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: FSMITH 2011/06/07	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	THIRD ANGLE PROJECTION		DRAWING SERIES	
▽ = 0	▽ = 0	▽ = 0	▽ = 0	C-SIZE		44068	
DOCUMENT STATUS				P1		RELEASE DATE	
2018/07/24				21:14:56			
DOCUMENT NUMBER				DOC TYPE		DOC PART	
SD-44068-051				PSD		000	
MATERIAL NUMBER				CUSTOMER		SHEET NUMBER	
SEE SHEET 2				GENERAL MARKET		1 OF 2	

ITEMS PRECEDED BY "X" ARE NOT AVAILABLE

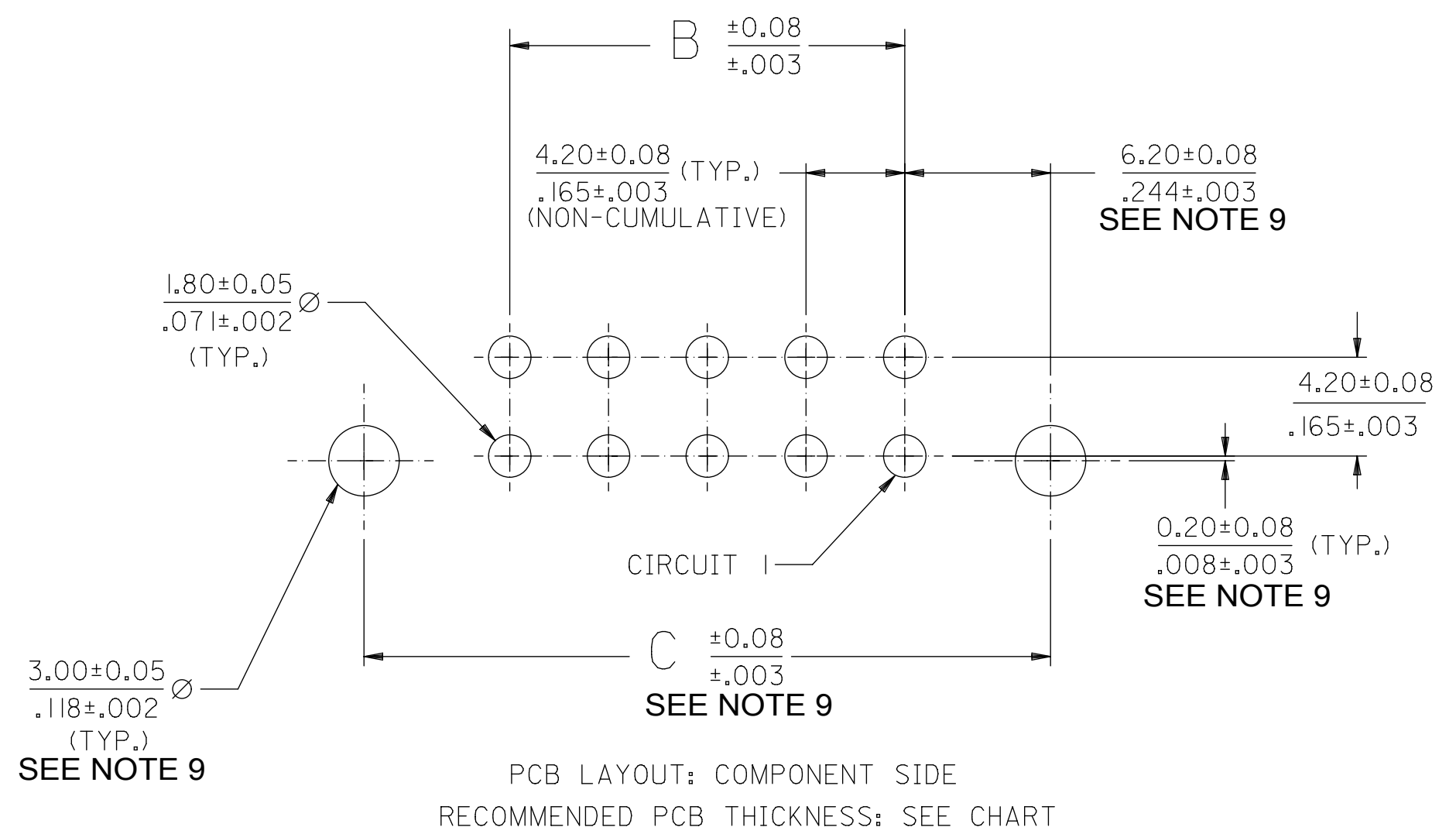
"X"	ITEM NO.	CHARACTERISTIC DESCRIPTION	CKT. SIZE	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: "S" = STD. LENGTH "M" = MAKE-FIRST/BREAK-LAST "V" = VOIDED CIRCUIT																								DIM "D" REF.	DIM "E"	P.C. BOARD THICKNESS	MOUNTING CLIP PLATING
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
	44068-0241	10BB	10	BM	BS	BS	BS	BS	BS	BS	BS	BS	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	5.21 (.205)	N / A	N / A	N/A	
	44068-0242	18BC	18	CS	CS	CM	CS	CS	CS	CM	CS	CS	CS	CS	CM	CS	CS	CM	CS	CS	-	-	-	-	-	5.70 (.224)	3.39 .133	3.18±0.18 (.125±.007)	1		
	44068-1003	18BB	18	BM	BS	BS	BS	BS	BS	BS	BS	BM	BM	BS	BS	BS	BS	BS	BS	BM	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	2		
	44068-1004	14BB	14	BM	BS	BS	BS	BS	BS	BM	BM	BS	BS	BS	BS	BM	-	-	-	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	2			
	44068-1006	24BB	24	BM	BS	BM	BM	BM	BM	BM	BM	BM	BM	BM	BS	BM	BS	BM	BM	BM	BM	BM	BM	BM	BS	4.50 (.177)	2.60 .102	2.39±0.18 (.094±.007)	1		
	44068-1010	10BC	10	CM	CM	CS	CM	CM	CM	CM	CS	CM	CM	-	-	-	-	-	-	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	1			
	44068-1011	18BC	18	CM	CM	CM	CM	CM	CM	CS	CM	CM	CM	CM	CM	CM	CS	CM	CM	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	1			
	44068-1012	18BC	18	CM	CM	V	CM	CM	V	CS	V	CM	CM	CM	V	CM	CM	V	CS	V	CM	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	1			
	44068-1013	10BB	10	BM	BM	BS	BM	BM	BM	BM	BS	BM	BM	-	-	-	-	-	-	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	1			
	44068-1014	18BB	18	BM	BM	BM	BM	BM	BM	BS	BM	BM	BM	BM	BM	BM	BS	BM	BM	-	-	-	-	-	3.30 (.130)	1.79 .070	1.60±0.18 (.063±.007)	1			
	44068-1015	18BC	18	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	CS	-	-	-	-	-	3.30 (.130)	N/A	1.60±0.18 (.063±.007)	N/A			
	44068-1016	04BC	04	CS	CS	CS	CS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30 (.130)	N/A	1.60±0.18 (.063±.007)	N/A			
	44068-1017	10BB	10	BM	BM	BM	BM	BM	BM	BM	BS	BM	BM	-	-	-	-	-	-	-	-	-	-	-	4.50 (.177)	2.60 .102	2.39±0.18 (.094±.007)	1			
	44068-1018	14BB	14	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BS	BM	-	-	-	-	-	-	-	4.88 .192	3.39 .133	3.18±0.18 (.125±.007)	1			

CHARACTERISTICS LEGEND:

CIRCUIT SIZE _____ ** * *
(02-24)

HOUSING MAT'L. (SEE NOTE 1) _____
"B" = NYLON 4/6, U.L. 94V-0,
COLOR: NATURAL (BLACK)

TERMINAL PLATING (SEE NOTE 2) _____
"B" = SELECT GOLD
"C" = MATTE TIN



SYMBOLS	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: ADD 44068-1018	
∇ = 0	MM/IN		molex MINI-FIT JR BMI VERTICAL HEADER ASSY MAKE-FIRST/BREAK-LAST	
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			
∇ = 0		MM	INCH	EC NO: 601609 DRWN: DSTEIER 2018/06/27 CHK'D: DSTEIER 2018/07/18 APPR: FSMITH 2018/07/24
∇ = 0	4 PLACES	±	±	INITIAL REVISION: DRWN: MANAPALZ 12/04/97 APPR: FSMITH 2011/06/07
∇ = 0	3 PLACES	±	± 0.01	
∇ = 0	2 PLACES	± 0.25	± 0.014	PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-44068-051 DOC TYPE: PSD DOC PART: 000 REVISION: E8
∇ = 0	1 PLACE	± 0.35	±	
∇ = 0	0 PLACES	±	±	MATERIAL NUMBER: SEE SHEET 2 CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2
∇ = 0	ANGULAR TOL	± 0.5°		
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION		DRAWING: C-SIZE SERIES: 44068