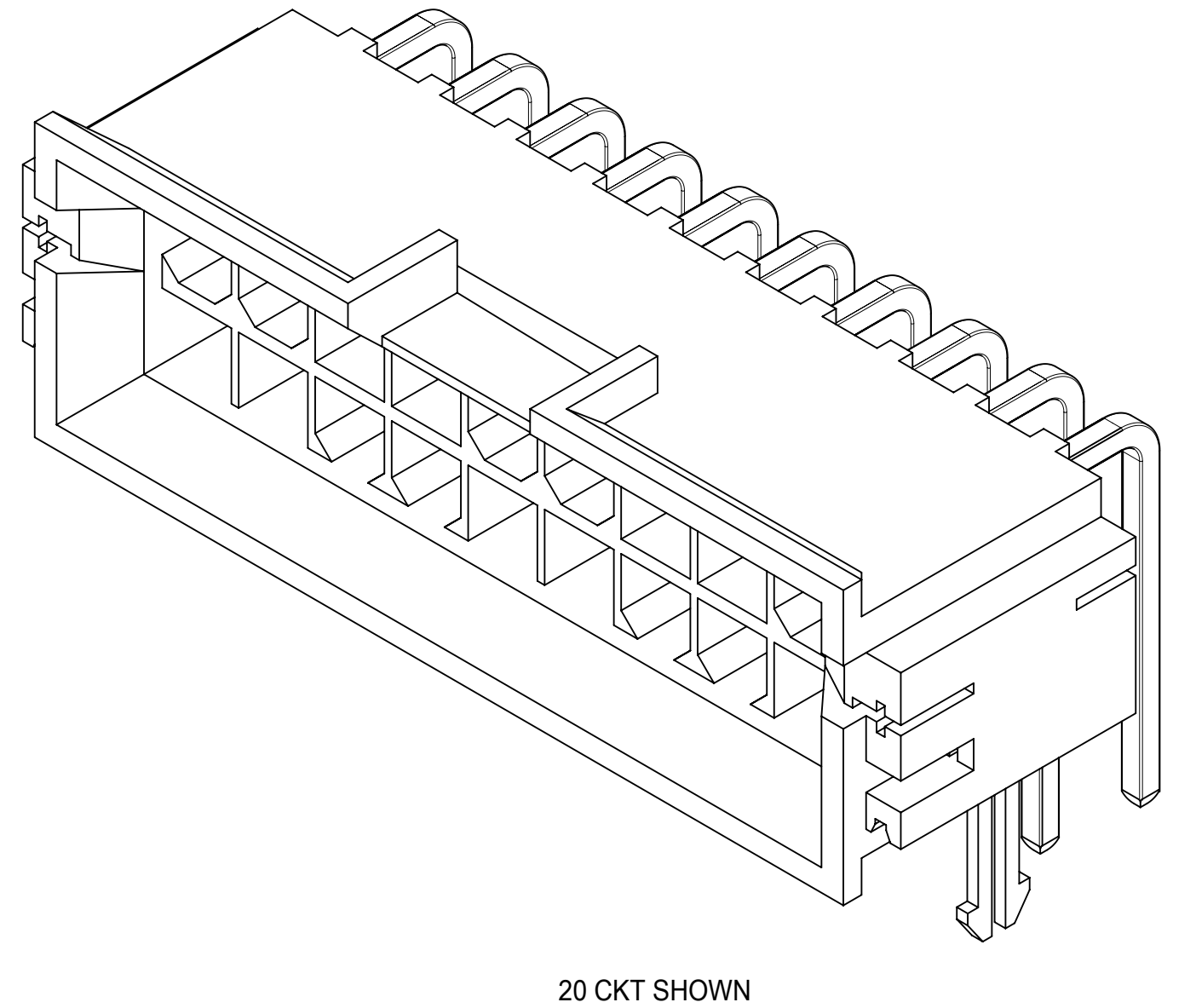
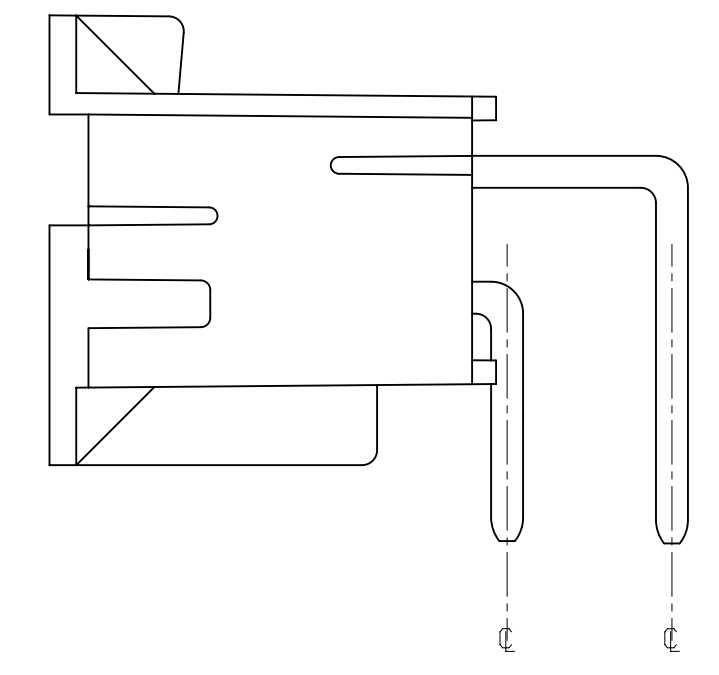


- NOTES
- 1) MATERIALS  
HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK  
TERMINAL: BRASS  
BOARD RETENTION CLIP: BRASS
  - 2) FINISHES:  
TERMINAL:  
1.=(0.00254)/.000100 MIN. BRIGHT TIN OVER (0.00127)/.000050 MIN. NICKEL  
2.=(0.00076)/.000030 MIN. SELECT GOLD AND (0.00254)/.000100 MIN. SELECT MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL OVERALL  
MOUNTING CLIP:  
(0.00254)/.000100 MIN. MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL
  - 3) PRODUCT SPECIFICATION: PS-43810-001
  - 4) PACKAGING SPECIFICATION: PK-43810-001
  - 5) PARTS MATES WITH MOLEX RECP TACTLE #5557 AND #42474 AND #44516 AND #42385 HEADER
  - 6) PART ALLOWS FOR (1.27)/.050 MAX MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION
  - 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE
  - 8) PARTS ARE NOT DESIGNED FOR CURRENT SHARING
  - 9) 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.
  - 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
  - 11) FORMING MARKS ARE ACCEPTABLE
  - 12) DIMENSION DOES NOT APPLY TO PARTS WITHOUT CLIP OPTION.
  - 13) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.



20 CKT SHOWN

HEADER ASSEMBLY WITH NO CLIP OPTION

PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS: 1.60±0.18 / ±0.063±0.007

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DIMENSION UNITS		SCALE					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		MM/IN		4:1					
▽ = 0	2017/04/28 2017/05/03 2017/05/05 RELEASE 8CKT EC NO. 116383 DRWN: BAPPELDORN CHKD: JBELL REV/ APPR: FSMITH	4 PLACES ± ±		DRWN BY		DATE		MINI-FIT JR BMI RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB		
▽ = 0		3 PLACES ± ±		MANLAPAZ		1997/01/06				
▽ = 0		2 PLACES ± 0.25 ± 0.014		BANDURA		1997/03/26				
▽ = 0		1 PLACES ± 0.35 ±		APPR BY		DATE		PRODUCT CUSTOMER DRAWING		
▽ = 0		0 PLACES ± ±		FSMITH		2012/01/19		SERIES MATERIAL NUMBER CUSTOMER		
⊠ = 0	ANGULAR TOL ± 0.5		DRAWING SIZE		THIRD ANGLE PROJECTION		43810 SEE CHART GENERAL MARKET			
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER			
▽ = 0	H2		SD-43810-011		PSD 000		1 OF 2			

MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. "A"	DIM. "B"	DIM. "C"	FINISH
43810-0001	4	YES	18.81 .740	4.20 .165	16.60 .653	1
43810-0002	6	YES	23.01 .906	8.40 .331	20.80 .819	1
43810-0003	8	YES	27.21 1.071	12.60 .496	25.00 .984	1
43810-0004	10	YES	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0005	12	YES	35.61 1.402	21.00 .828	33.40 1.315	1
43810-0006	14	YES	39.81 1.567	25.20 .992	37.60 1.480	1
43810-0007	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	1
43810-0008	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	1
43810-0009	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0010	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	1
43810-0011	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	1
43810-0012	4	YES	18.81 .740	4.20 .165	16.60 .653	2
43810-0013	6	YES	23.01 .906	8.40 .331	20.80 .819	2
43810-0014	8	YES	27.21 1.071	12.60 .496	25.00 .984	2
43810-0015	10	YES	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0016	12	YES	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0017	14	YES	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0018	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0019	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0020	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0021	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0022	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	2

N = NOT TOOLED

MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. "A"	DIM. "B"	DIM. "C"	FINISH
43810-0199	4	NO	18.81 .740	4.20 .165	16.60 .653	1
43810-0200	6	NO	23.01 .906	8.40 .331	20.80 .819	1
43810-0201	8	NO	27.21 1.071	12.60 .496	25.00 .984	1
43810-0202	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0203	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1
43810-0204	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1
43810-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1
43810-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1
43810-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1
43810-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1
43810-0210	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0211	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0212	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0213	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0214	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0215	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

N = NOT TOOLED

<b>QUALITY SYMBOLS</b> 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	RELEASE 8CKT EC NO. 116383 DRWN: BAPPELDORN CHKD: JBELL REV / APPR: FSMITH	GENERAL TOLERANCES (UNLESS SPECIFIED)		MM/IN		SCALE						
				1:1								
		4 PLACES ± ±		MANLAPAZ		DATE		<b>MINI-FIT JR BMI</b> <b>RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB</b>				
		3 PLACES ± ± 0.01		CHKD BY		DATE						
	2 PLACES ± 0.25 ± 0.014		BANDURA		1997/03/26							
	1 PLACES ± 0.35 ±		APPR BY		DATE		<b>PRODUCT CUSTOMER DRAWING</b>					
	0 PLACES ± ±		FSMITH		2012/01/19							
	ANGULAR TOL ± 0.5		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		D				43810		SEE CHART		GENERAL MARKET	
						DOCUMENT NUMBER		DOC TYPE		DOC PART SHEET NUMBER		
						SD-43810-011		PSD		000 2 OF 2		