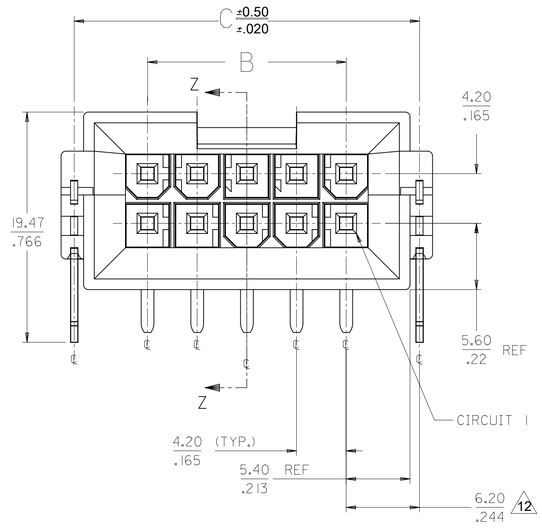
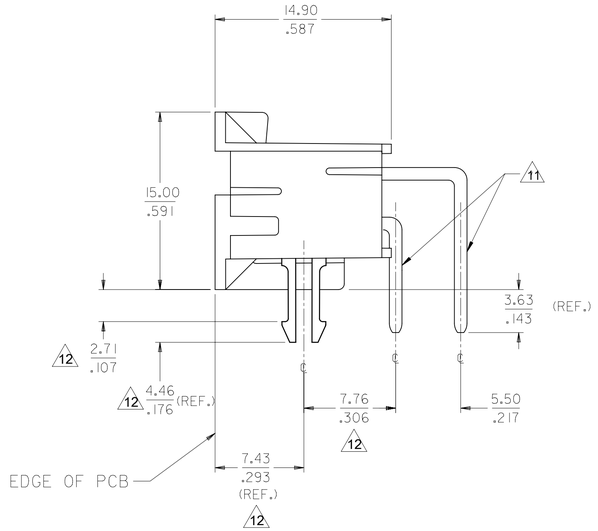
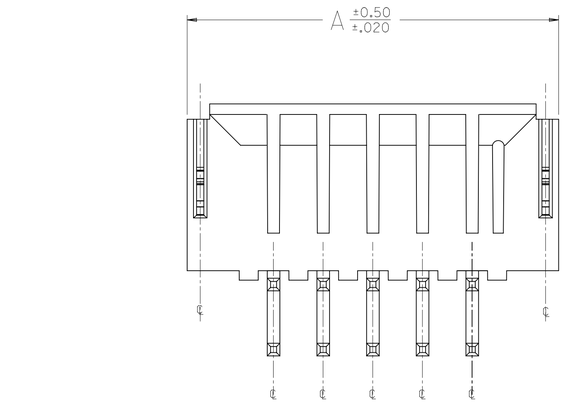
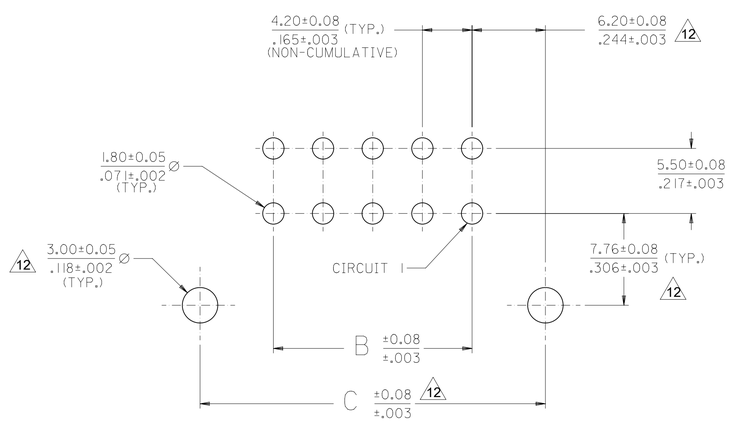




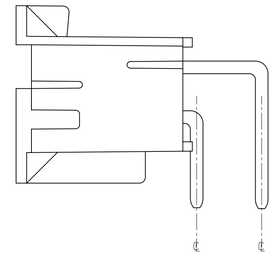
NOTES
1) MATERIALS
   HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK
   TERMINAL: BRASS
   BOARD RETENTION CLIP: BRASS
2) FINISHES:
   TERMINAL:
   1.=(0.00254)/.000100 MIN. BRIGHT TIN OVER (0.00127)/.000050 MIN. NICKEL
   2.=(0.00076)/.000030 MIN. SELECT GOLD AND (0.00254)/.000100 MIN. SELECT MATTE TIN OVER (0.00127)/.000050 MIN. NICKEL OVERALL
   4.=(0.00152)/.000060 MIN. REFLOWED 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 RECPTACLE #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.



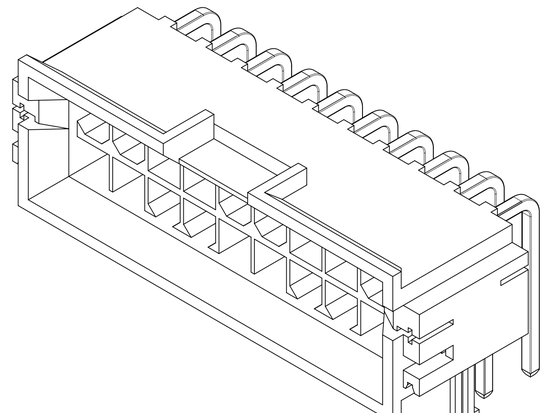


PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS: 2.39±0.18 .094±.007



HEADER ASSEMBLY
WITH NO CLIP OPTION



20 CKT SHOWN

QUALITY SYMBOLS	
▽F = 0	
▽F = 0	
▽F = 0	
▼ = 0	
▽ = 0	
☒ = 0	
■ = 0	
▽ = 0	

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CONVERT TO NX
EC NO: 114248 2017/02/17
DRWN: BAPPELDORN 2017/04/18
CHK'D: JBELL 2017/04/20
APPR: FSMITH
REV H1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACES	± 0.35	±
0 PLACES	±	±

ANGULAR TOL ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM/IN
SCALE: 4:1
DRWN BY: MANLAPAZ DATE: 1997/01/06
CHK'D BY: BANDURA DATE: 1997/03/26
APPR BY: FSMITH DATE: 2012/01/19
DRAWING SIZE: D
THIRD ANGLE PROJECTION

molex®

MINI-FIT JR BMI
RIGHT ANGLE HEADER ASM. FOR 2.39/.094 THK. PCB

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
43810	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-43810-031	PSD	000	1 OF 2

RELEASE STATUS		RELEASE DATE	

Molex® Engineering Drawing
Information
DATE: 20180204

	MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. "A"	DIM. "B"	DIM. "C"	FINISH
	43810-0045	4	YES	18.81 / .740	4.20 / .165	16.60 / .653	1
	43810-0046	6	YES	23.01 / .906	8.40 / .331	20.80 / .819	1
N	43810-0047	8	YES	27.21 / 1.071	12.60 / .496	25.00 / .984	1
	43810-0048	10	YES	31.41 / 1.237	16.80 / .661	29.20 / 1.150	1
N	43810-0049	12	YES	35.61 / 1.402	21.00 / .828	33.40 / 1.315	1
	43810-0050	14	YES	39.81 / 1.567	25.20 / .992	37.60 / 1.480	1
N	43810-0051	16	YES	44.01 / 1.733	29.40 / 1.157	41.80 / 1.646	1
	43810-0052	18	YES	48.21 / 1.898	33.60 / 1.323	46.00 / 1.811	1
N	43810-0053	20	YES	52.41 / 2.063	37.80 / 1.488	50.20 / 1.976	1
N	43810-0054	22	YES	56.61 / 2.229	42.00 / 1.654	54.40 / 2.142	1
	43810-0055	24	YES	60.81 / 2.394	46.20 / 1.819	58.60 / 2.307	1
	43810-0056	4	YES	18.81 / .740	4.20 / .165	16.60 / .653	2
	43810-0057	6	YES	23.01 / .906	8.40 / .331	20.80 / .819	2
N	43810-0058	8	YES	27.21 / 1.071	12.60 / .496	25.00 / .984	2
	43810-0059	10	YES	31.41 / 1.237	16.80 / .661	29.20 / 1.150	2
N	43810-0060	12	YES	35.61 / 1.402	21.00 / .828	33.40 / 1.315	2
	43810-0061	14	YES	39.81 / 1.567	25.20 / .992	37.60 / 1.480	2
N	43810-0062	16	YES	44.01 / 1.733	29.40 / 1.157	41.80 / 1.646	2
	43810-0063	18	YES	48.21 / 1.898	33.60 / 1.323	46.00 / 1.811	2
N	43810-0064	20	YES	52.41 / 2.063	37.80 / 1.488	50.20 / 1.976	2
N	43810-0065	22	YES	56.61 / 2.229	42.00 / 1.654	54.40 / 2.142	2
	43810-0066	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
	43810-0265	4	NO	18.81 / .740	4.20 / .165	16.60 / .653	1
	43810-0266	6	NO	23.01 / .906	8.40 / .331	20.80 / .819	1
N	43810-0267	8	NO	27.21 / 1.071	12.60 / .496	25.00 / .984	1
	43810-0268	10	NO	31.41 / 1.237	16.80 / .661	29.20 / 1.150	1
N	43810-0269	12	NO	35.61 / 1.402	21.00 / .828	33.40 / 1.315	1
	43810-0270	14	NO	39.81 / 1.567	25.20 / .992	37.60 / 1.480	1
N	43810-0271	16	NO	44.01 / 1.733	29.40 / 1.157	41.80 / 1.646	1
	43810-0272	18	NO	48.21 / 1.898	33.60 / 1.323	46.00 / 1.811	1
N	43810-0273	20	NO	52.41 / 2.063	37.80 / 1.488	50.20 / 1.976	1
N	43810-0274	22	NO	56.61 / 2.229	42.00 / 1.654	54.40 / 2.142	1
	43810-0275	24	NO	60.81 / 2.394	46.20 / 1.819	58.60 / 2.307	1
	43810-0276	4	NO	18.81 / .740	4.20 / .165	16.60 / .653	2
	43810-0277	6	NO	23.01 / .906	8.40 / .331	20.80 / .819	2
N	43810-0278	8	NO	27.21 / 1.071	12.60 / .496	25.00 / .984	2
	43810-0279	10	NO	31.41 / 1.237	16.80 / .661	29.20 / 1.150	2
N	43810-0280	12	NO	35.61 / 1.402	21.00 / .828	33.40 / 1.315	2
	43810-0281	14	NO	39.81 / 1.567	25.20 / .992	37.60 / 1.480	2
N	43810-0282	16	NO	44.01 / 1.733	29.40 / 1.157	41.80 / 1.646	2
	43810-0283	18	NO	48.21 / 1.898	33.60 / 1.323	46.00 / 1.811	2
N	43810-0284	20	NO	52.41 / 2.063	37.80 / 1.488	50.20 / 1.976	2
N	43810-0285	22	NO	56.61 / 2.229	42.00 / 1.654	54.40 / 2.142	2
	43810-0286	24	NO	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
	4	YES	18.81 / .740	4.20 / .165	16.60 / .653	4
	6	YES	23.01 / .906	8.40 / .331	20.80 / .819	4
	8	YES	27.21 / 1.071	12.60 / .496	25.00 / .984	4
43810-0548	10	YES	31.41 / 1.237	16.80 / .661	29.20 / 1.150	4
	12	YES	35.61 / 1.402	21.00 / .828	33.40 / 1.315	4
43810-0550	14	YES	39.81 / 1.567	25.20 / .992	37.60 / 1.480	4
	16	YES	44.01 / 1.733	29.40 / 1.157	41.80 / 1.646	4
	18	YES	48.21 / 1.898	33.60 / 1.323	46.00 / 1.811	4
	20	YES	52.41 / 2.063	37.80 / 1.488	50.20 / 1.976	4
	22	YES	56.61 / 2.229	42.00 / 1.654	54.40 / 2.142	4
	24	YES	60.81 / 2.394	46.20 / 1.819	58.60 / 2.307	4

N = NOT TOOLED

RELEASE STATUS | RELEASE DATE

QUALITY SYMBOLS
= 0
= 0
= 0
= 0
= 0
= 0
= 0

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EC NO: 114248 CONVERT TO NX
DRWN: BAPPELDORN 2017/02/17
CHK'D: JBELL 2017/04/18
APPR: FSMITH 2017/04/28
REV: H1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACES	± 0.35	±
0 PLACES	±	±

ANGULAR TOL ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM/IN | SCALE: 1:1
DRWN BY: MANLAPAZ | DATE: 1997/01/06
CHK'D BY: BANDURA | DATE: 1997/03/26
APPR BY: FSMITH | DATE: 2012/01/19
DRAWING SIZE: D | THIRD ANGLE PROJECTION

molex®

MINI-FIT JR BMI
RIGHT ANGLE HEADER ASM. FOR 2.39/.094 THK. PCB

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
43810	SEE CHART	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
SD-43810-031	PSD	000	2 OF 2

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Global Electronic Components Distributor

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447691602 759001161 0190690033 0190700155 190730231 5046940301 151660057 190670071
190990009 0436802002 152660117 152670357 417920538