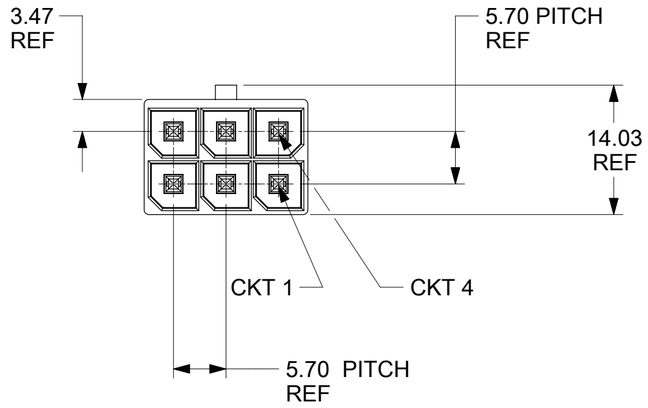
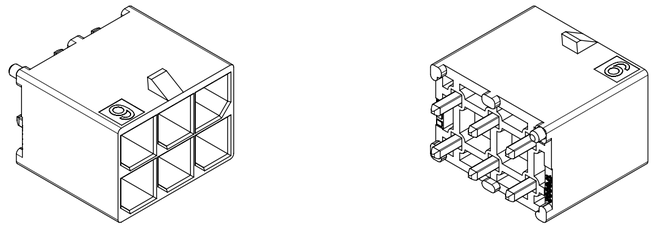
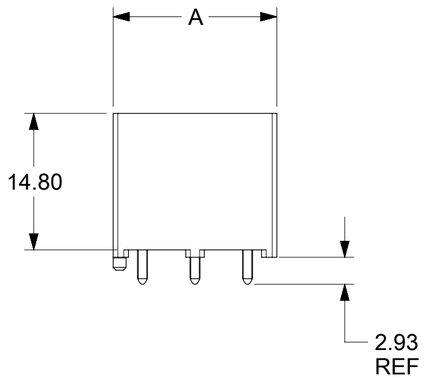
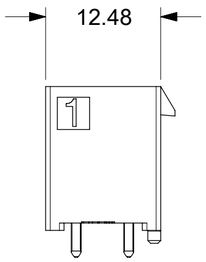
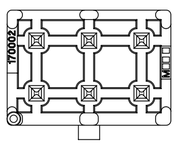


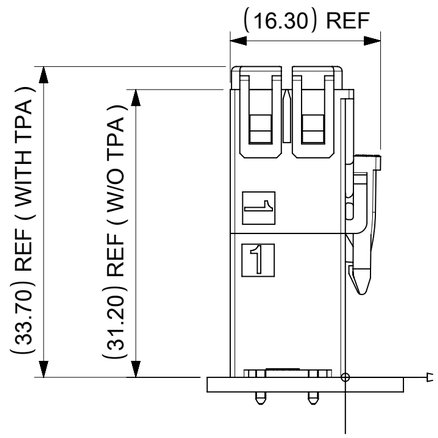


76829-0106 SHOWN









ASSEMBLY VIEW

NOTES:

1. MATERIAL:
   HOUSING: LCP, UL94V-0, GLOW WIRE CAPABLE PER IEC-60335-1 5TH EDITION,
   COLOR: SEE CHART.
   TERMINAL: HIGH CONDUCTIVITY COPPER.
2. TERMINAL PLATING:
   (TIN) 1.52 MICROMETER /(60 MICROINCH) MIN REFLOWED MATTE TIN OVER
   1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL.
   (15 GOLD) 0.38 MICROMETER /(15 MICROINCH) MIN SELECT GOLD ON CONTACT AREA
   2.54 MICROMETER /(100 MICROINCH) MIN SELECT MATTE TIN ON SOLDER AREA
   BOTH OVER 1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL
   (30 GOLD) 0.76 MICROMETER /(30 MICROINCH) MIN SELECT GOLD ON CONTACT AREA
   2.54 MICROMETER /(100 MICROINCH) MIN SELECT MATTE TIN ON SOLDER AREA
   BOTH OVER 1.27 MICROMETER /(50 MICROINCH) MIN NICKEL OVERALL
3. PRODUCT SPECIFICATION:PS-76823-100/1720631000-PS
4. BLACK PART MATES WITH MOLEX PART NUMBER 170001 AND 171692 SERIES.
5. PACKAGING SPECIFICATION PLEASE SEE TABLE.
6. APPLICATION SPECIFICATION:AS-76823-100/ 768232000-AS
7. PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC
   SPECIFICATION PS-45499-002.

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.4
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 850632
DRWN: JERRYW8 2025/05/15
CHK'D: XQZHANG 2026/03/25
APPR: XQZHANG 2026/03/25

INITIAL REVISION:
DRWN: GSHARMA 2016/07/15
APPR: KPRASAD 2017/07/21

molex

MEGAFIT SLIM VERTICAL HEADER ASSY
WITHOUT CRUSH PEGS 2-12 CKT

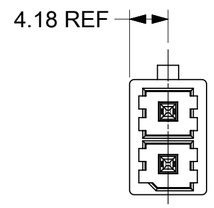
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
768290002	PSD	000	B2

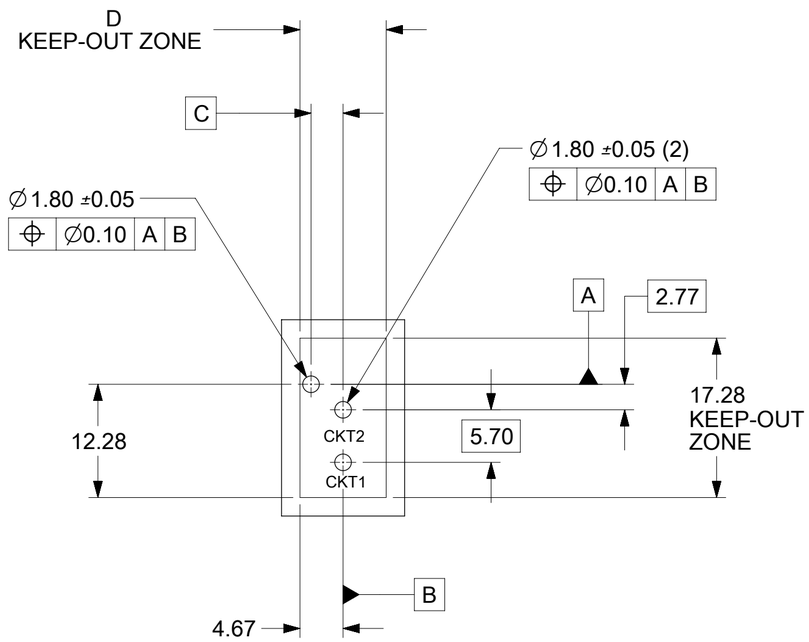
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	76829	SEE TABLE	GENERAL MARKET	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/25 09:23:54

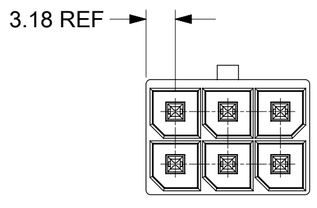
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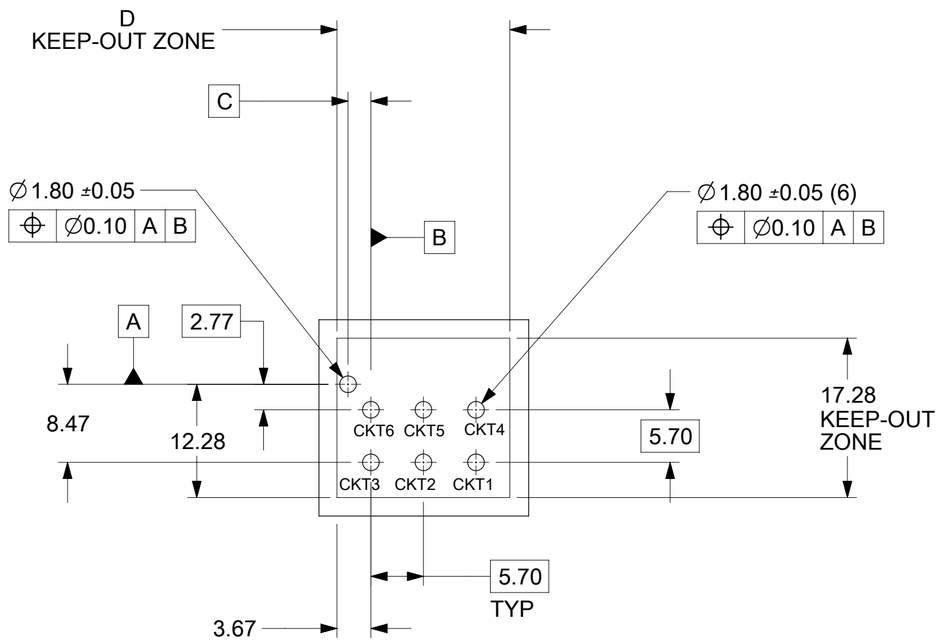
2 CKT



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 INCH



4-12CKT



PCB LAYOUT: COMPONENT SIDE
RECOMENDED PCB THICKNESS: 1.58 MM/.062 INCH

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.4
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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APPR: XQZHANG 2026/03/25

INITIAL REVISION:
DRWN: GSHARMA 2016/07/15
APPR: KPRASAD 2017/07/21

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 76829

molex

MEGAFIT SLIM VERTICAL HEADER ASSY
WITHOUT CRUSH PEGS 2-12 CKT

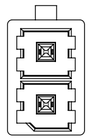
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
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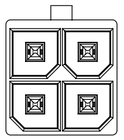
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/25 09:23:54

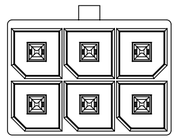
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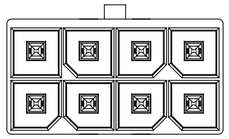
2 CKT



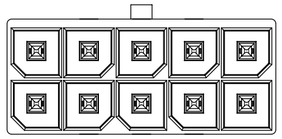
4 CKT



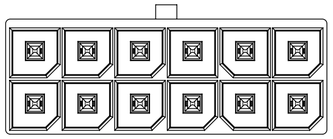
6 CKT



8 CKT



10 CKT



12 CKT

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.4
1 PLACE	±	0.5
0 PLACES	±	

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molex

MEGAFIT SLIM VERTICAL HEADER ASSY WITHOUT CRUSH PEGS 2-12 CKT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
768290002	PSD	000	B2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	76829	SEE TABLE	GENERAL MARKET	3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/25 09:23:54

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	CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR
	2	76829-0102	TIN	8.35	3.48	9.35	TRAY 768291100	BLACK
	4	76829-0104	TIN	12.05	2.48	13.05		
	6	76829-0106	TIN	17.75	2.48	18.75		
	8	76829-0108	TIN	23.45	2.48	24.45		
	10	76829-0110	TIN	29.15	2.48	30.15		
	12	76829-0112	TIN	34.85	2.48	35.85		
	2	172065-0202	15 GOLD	8.35	3.48	9.35		
	4	172065-0204	15 GOLD	12.05	2.48	13.05		
	6	172065-0206	15 GOLD	17.75	2.48	18.75		
	8	172065-0208	15 GOLD	23.45	2.48	24.45		
	10	172065-0210	15 GOLD	29.15	2.48	30.15		
	12	172065-0212	15 GOLD	34.85	2.48	35.85		
	2	172065-0302	30 GOLD	8.35	3.48	9.35		
	4	172065-0304	30 GOLD	12.05	2.48	13.05		
	6	172065-0306	30 GOLD	17.75	2.48	18.75		
	8	172065-0308	30 GOLD	23.45	2.48	24.45		
	10	172065-0310	30 GOLD	29.15	2.48	30.15		
	12	172065-0312	30 GOLD	34.85	2.48	35.85		

	CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR
	2	76829-9102	TIN	8.35	3.48	9.35	T&R W/O KAPTON TAPE 1720659100-PK	BLACK
	4	76829-9104	TIN	12.05	2.48	13.05		
	6	76829-9106	TIN	17.75	2.48	18.75	T&R W/O KAPTON TAPE 1720659206-PK	
	8	76829-9108	TIN	23.45	2.48	24.45		
	10	76829-9110	TIN	29.15	2.48	30.15		
	12	76829-9112	TIN	34.85	2.48	35.85		
	2	172065-9202	15 GOLD	8.35	3.48	9.35	T&R W/O KAPTON TAPE 1720659100-PK	
	4	172065-9204	15 GOLD	12.05	2.48	13.05		
	6	172065-9206	15 GOLD	17.75	2.48	18.75	T&R W/O KAPTON TAPE 1720659206-PK	
	8	172065-9208	15 GOLD	23.45	2.48	24.45		
	10	172065-9210	15 GOLD	29.15	2.48	30.15		
	12	172065-9212	15 GOLD	34.85	2.48	35.85		
	2	172065-9302	30 GOLD	8.35	3.48	9.35	T&R W/O KAPTON TAPE 1720659100-PK	
	4	172065-9304	30 GOLD	12.05	2.48	13.05		
	6	172065-9306	30 GOLD	17.75	2.48	18.75	T&R W/O KAPTON TAPE 1720659206-PK	
	8	172065-9308	30 GOLD	23.45	2.48	24.45		
	10	172065-9310	30 GOLD	29.15	2.48	30.15		
	12	172065-9312	30 GOLD	34.85	2.48	35.85		

	CKT SIZE	PART NO.	PLATING	DIM A	DIM C BASIC	DIM D	PK SPEC	HEADER COLOR
	2	76829-8102	TIN	8.35	3.48	9.35	T&R WITH KAPTON TAPE 1720658100-PK	BLACK
	4	76829-8104	TIN	12.05	2.48	13.05		
	6	76829-8106	TIN	17.75	2.48	18.75	T&R WITH KAPTON TAPE 1720658000	
	8	76829-8108	TIN	23.45	2.48	24.45		
	10	76829-8110	TIN	29.15	2.48	30.15		
	12	76829-8112	TIN	34.85	2.48	35.85		
	2	172065-8202	15 GOLD	8.35	3.48	9.35	T&R WITH KAPTON TAPE 1720658100-PK	
	4	172065-8204	15 GOLD	12.05	2.48	13.05		
	6	172065-8206	15 GOLD	17.75	2.48	18.75	T&R WITH KAPTON TAPE 1720658000	
	8	172065-8208	15 GOLD	23.45	2.48	24.45		
	10	172065-8210	15 GOLD	29.15	2.48	30.15		
	12	172065-8212	15 GOLD	34.85	2.48	35.85		
	2	172065-8302	30 GOLD	8.35	3.48	9.35	T&R WITH KAPTON TAPE 1720658100-PK	
	4	172065-8304	30 GOLD	12.05	2.48	13.05		
	6	172065-8306	30 GOLD	17.75	2.48	18.75	T&R WITH KAPTON TAPE 1720658000	
	8	172065-8308	30 GOLD	23.45	2.48	24.45		
	10	172065-8310	30 GOLD	29.15	2.48	30.15		
	12	172065-8312	30 GOLD	34.85	2.48	35.85		

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DIMENSION UNITS	SCALE
mm	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.4
1 PLACE	±	0.5
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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INITIAL REVISION:
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THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 76829

molex

MEGAFIT SLIM VERTICAL HEADER ASSY WITHOUT CRUSH PEGS 2-12 CKT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
768290002	PSD	000	B2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2026/03/25 09:23:54

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