



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



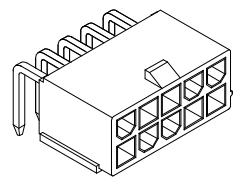
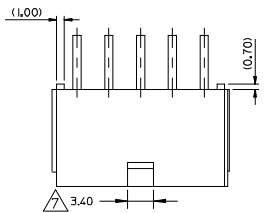
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ISOMETRIC VIEW

LEGEND

87427-****

CKT. SIZE (SEE SHEET 2).

PLATING OPTIONS

2 = NOTE

4 = NOTE

PACKAGING & COLOR OPTIONS

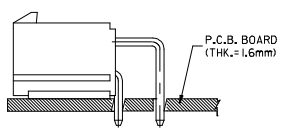
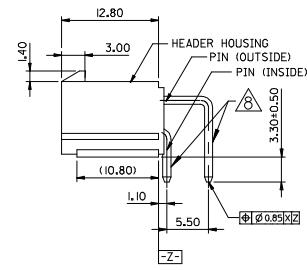
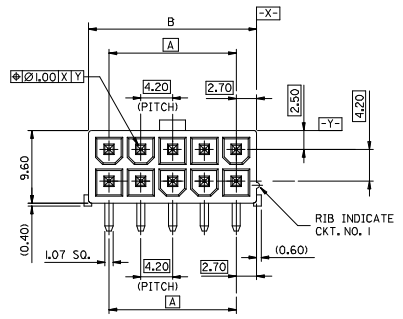
0 = TRAY PACKED - COLOR BEIGE

2 = TUBE PACKED - COLOR BEIGE

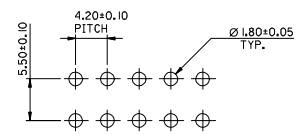
3 = TAPE & REEL PACKED - COLOR BEIGE

7 = TRAY PACKED - COLOR BLACK

51.60±0.55	46.20	24
47.40±0.55	42.00	22
43.20±0.50	37.80	20
39.00±0.45	33.60	18
34.80±0.35	29.40	16
30.60±0.30	25.20	14
26.40±0.30	21.00	12
22.20±0.30	16.80	10
18.00±0.30	12.60	8
13.80±0.25	8.40	6
9.60±0.25	4.20	4
5.40±0.20	--	2
B	A	CKT. SIZE



RECOMMENDED INSTALLATION PATTERN

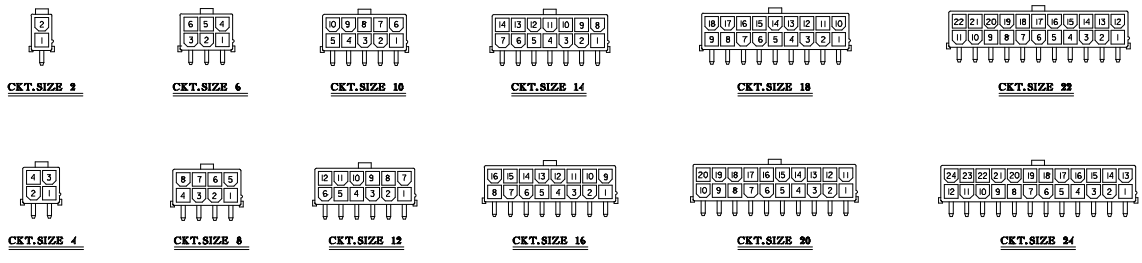


RECOMMENDED P.C.B. LAYOUT

NOTES

- MATERIALS:
 - HEADER: NYLON 46, UL94V-0, COLOR SEE LEGEND.
 - PIN: BRASS
- FINISH- PLATING OF PIN:
 - MATTE TIN .00254 MIN. OVER NICKEL .00127 MIN.
- PRODUCT SPECIFICATION: PS-87427-0001.
- PACKAGING SPECIFICATION:
 - TRAY PACK PER PK-87427-001
 - TUBE PACK PER PK-87427-006.
 - TAPE & REEL PACK PER PK-87427-009.
- MATES WITH: MINI-FIT JR. RECEPTACLE SERIES 5557.
- THESE PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- THIS DIMENSION IS 4.2 ON 2 CKT PARTS.
- FORMING MARKS ARE ACCEPTABLE.
- 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.
- CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.

ADD -0634 & -0434 EC NO: UCP2016-4267 DRWNG:SLAFTER 2016/05/02 CHKD:JBELL 2016/05/02 APPR:FSM1TH 2016/06/15	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY STEVEN	DATE 1995/02/27	4.2MM W-T-B, RIGHT ANGLE HEADER WITHOUT MOUNTING FLANGES molex SEE CHART SD-87427-**0* SHEET NO. 1 OF 2			
		4 PLACES ± ---	± ---	CHECKED BY	DATE				
		3 PLACES ± ---	± ---	EDMUD	1995/03/01				
2 PLACES ± 0.20	± ---	APPROVED BY	DATE						
1 PLACE ± 0.20	± ---	FSM1TH	2010/04/09	ANGULAR ± 3°		MATERIAL NO.	DOCUMENT NO.		
0 PLACE ± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



= CONSULT FACTORY FOR AVAILABILITY

PLATING		△ 2.2 MATTE TIN OVER NICKEL				
COLOR		BEIGE		BLACK	BEIGE	CKT. SIZE
PACKAGING		TUBE PACKED	T&R PACKED	TRAY PACKED	TRAY PACKED	
		87427-2422		# 87427-2472	87427-2402	24
#		87427-2224		# 87427-2272	87427-2202	22
#		87427-2024	87427-2034	# 87427-2072	87427-2002	20
#		87427-1824		# 87427-1872	87427-1802	18
#		87427-1624		# 87427-1672	87427-1602	16
#		87427-1424	87427-1434	# 87427-1472	87427-1402	14
#		87427-1224		# 87427-1272	87427-1202	12
#		87427-1024	87427-1034	# 87427-1072	87427-1002	10
		87427-0824	87427-0834	# 87427-0872	87427-0802	8
		87427-0624	87427-0634	# 87427-0672	87427-0602	6
		87427-0424	87427-0434	# 87427-0472	87427-0402	4
		87427-0224	87427-0234	# 87427-0272	87427-0202	2

SEE SHEET 1	QUALITY SYMBOLS
EC NO: UCP2016-4267	▽=0
DRW:CSLAFTER 2016/05/02	▽=0
CHKD:JBELL 2016/05/02	▽=0
APPR:FSMITH 2016/06/15	
REV: G5	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± 0.20
1 PLACE	± 0.20
0 PLACE	± ---
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
STEVEN	1995/02/27
CHECKED BY	DATE
EDMUD	1995/03/01
APPROVED BY	DATE
FSMITH	2010/04/09

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
1:1	METRIC	☉
4.2MM W-T-B, RIGHT ANGLE HEADER WITHOUT MOUNTING FLANGES		
molex		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-87427-***0*	2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		