

## Excellent Integrated System Limited

Stocking Distributor

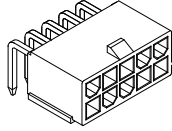
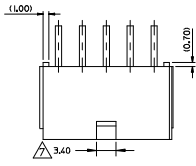
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0874271202](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

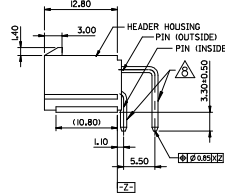
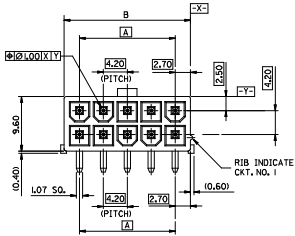
51.60±0.55	46.20	24
47.40±0.55	42.00	22
43.20±0.50	37.80	20
39.00±0.45	33.60	18
34.80±0.35	29.40	16
30.60±0.30	25.20	14
26.40±0.30	21.00	12
22.20±0.30	16.80	10
18.00±0.30	12.60	8
13.80±0.25	8.40	6
9.60±0.25	4.20	4
5.40±0.20	--	2
B	A	CKT. SIZE



**ISOMETRIC VIEW**

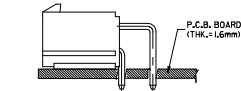
**LEGEND**

- 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

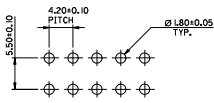


**NOTES**

1. MATERIALS:  
- HEADER: NYLON 46, UL94V-0, COLOR SEE LEGEND.  
- PIN: BRASS
2. FINISH- PLATING OF PIN:  
 MATTE TIN .00254 MIN. OVER NICKEL .00127 MIN.
3. 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.
5. MATES WITH: MINI-FIT JR. RECEPTACLE SERIES 5557.
6. 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.
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. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.
11. CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.

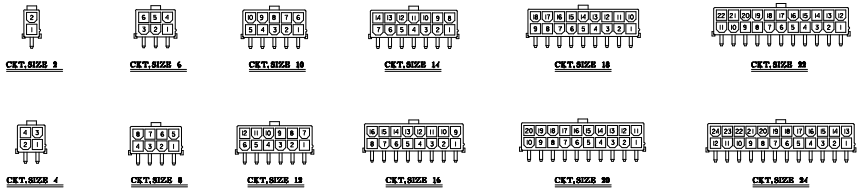


**RECOMMENDED INSTALLATION PATTERN**



**RECOMMENDED P.C.B. LAYOUT**

ADD -0634 & -0434 EC NO: UCP2016-4267 DRAWN: J. AFTER 2016/05/02 CHKD: J. BELL 2016/05/02 APPROV: J. SMITH 2016/06/15	QUALITY SYMBOLS = 0 = 0 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.20 ± ---	1 PLACE ± 0.20 ± ---	0 PLACE ± --- ± ---	DRAWN BY STEVEN	DATE 1995/02/27	TITLE 4.2MM W-T-B, RIGHT ANGLE HEADER WITHOUT MOUNTING FLANGES <b>molex</b>
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
		INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SIZE	SD-87427-***0*	1 OF 2				



## = CONSULT FACTORY FOR AVAILABILITY

PLATING	△ MATTE TIN OVER NICKEL				CKT. SIZE
COLOR	BEIGE		BLACK	BEIGE	
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 IEC NO: UCP2016-4267 DRAWN BY: AFTER 2016/05/02 CHKD: BELL 2016/05/02 APPR: SMITH 2016/06/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	MM ONLY	1:1	METRIC	⊙ □
	▽=0	3 PLACES ± --- ± ---	DRAWN BY: STEVEN DATE: 1995/02/27	TITLE	4.2MM W-T-B, RIGHT ANGLE HEADER WITHOUT MOUNTING FLANGES	
	▽=0	2 PLACES ± 0.20 ± ---	CHECKED BY: EDMUD DATE: 1995/03/01			SD-87427-***0*
	1 PLACE ± 0.20 ± ---	APPROVED BY: F SMITH DATE: 2010/04/09	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	0 PLACE ± --- ± ---	ANGULAR ± 3 °	SEE CHART		2 OF 2	
		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			