

Excellent Integrated System Limited

Stocking Distributor

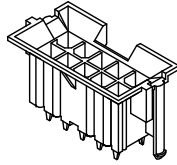
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0434590026](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

CIRCUIT SIZE	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'	DIM. 'E'
2	.520 (13.20)	—	.425 (10.80)	.370 (9.40)	.21 (5.4)
4	.685 (17.40)	.17 (4.2)	.590 (15.00)	.535 (13.60)	.38 (9.6)
6	.850 (21.60)	.33 (8.4)	.756 (19.20)	.701 (17.80)	.54 (13.8)
8	1.016 (25.80)	.50 (12.6)	.921 (23.40)	.866 (22.00)	.71 (18.0)
10	1.181 (30.00)	.66 (16.8)	1.087 (27.60)	1.031 (26.20)	.87 (22.2)
12	1.346 (34.20)	.83 (21.0)	1.252 (31.80)	1.197 (30.40)	1.04 (26.4)
14	1.512 (38.40)	.99 (25.2)	1.417 (36.00)	1.362 (34.60)	1.20 (30.6)
16	1.677 (42.60)	1.16 (29.4)	1.583 (40.20)	1.528 (38.80)	1.37 (34.8)
18	1.843 (46.80)	1.32 (33.6)	1.748 (44.40)	1.693 (43.00)	1.54 (39.0)
20	2.008 (51.00)	1.49 (37.8)	1.913 (48.60)	1.858 (47.20)	1.70 (43.2)
22	2.173 (55.20)	1.65 (42.0)	2.079 (52.80)	2.024 (51.40)	1.87 (47.4)
24	2.339 (59.40)	1.82 (46.2)	2.244 (57.00)	2.189 (55.60)	2.03 (51.6)



NOTES:

1) MATERIAL:

HOUSING MATERIAL:

A-NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL

B-NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL

TERMINALS: BRASS

2) TERMINAL PLATING:

A-.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL

D-.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL

E-.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL

3) PRODUCT SPECIFICATION: PS-5556-002

4) PACKAGING: TRAY PACK PER PK-42440-001

5) PART MATES WITH MINI-FIT RECEPTACLES 5557, 42474, 44516 AND BMI HEADER 42385.

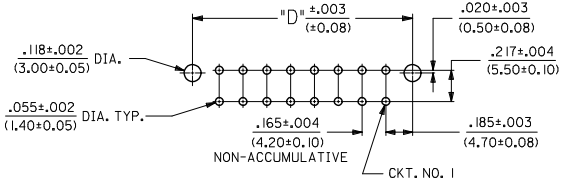
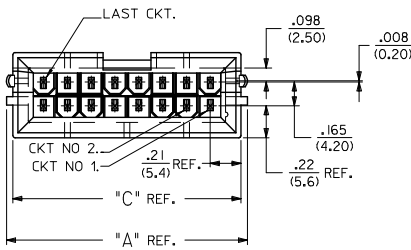
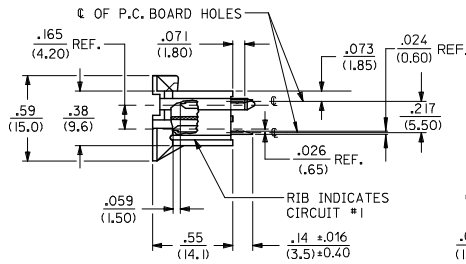
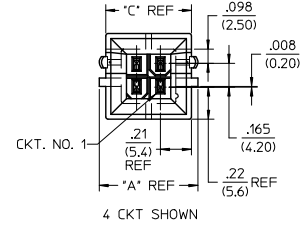
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

7) THIS PART IS NOT DESIGNED FOR CURRENT SHARING.

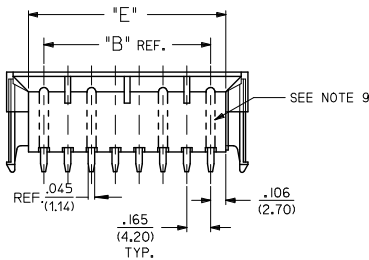
8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

9) RIB LOCATION IS DETERMINED BY MOLD DESIGN FOR MANUFACTURING EASE AND THE LOCATION DOES NOT AFFECT PART FUNCTION OR PERFORMANCE. LOCATION OF RIBS MAY VARY ON PARTS WITHIN MANUFACTURING LOT OR SHIPMENT. THIS DRAWING SHOWS TYPICAL RIB LOCATIONS.

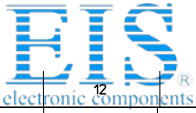
10) PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION' PS-45499-002.



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD



QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
▽=0	4 PLACES ±.005	mm	DRAWN BY AFG	DATE 1994/12/07		2-24 CKT. VERT. HEADER		1 OF 3
▽=0	3 PLACES ±.010	INCH	CHECKED BY R.J.F.	DATE 1994/12/07		MINI-FIT B.M.I.		
▽=0	2 PLACES ±0.25		APPROVED BY F.S.M.I.T.H.	DATE 2012/05/22		MAKE FIRST/BREAK LAST		
▽=0	1 PLACE ±0.36					molex		
▽=0	0 PLACE ±.005					SDA-43459-****		
	ANGULAR ±1/2°							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0434590026 - MINIFIT BMI VERT HDR/DH 30AU V-0

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

ITEM NO.		CHARACTERISTIC DESCRIPTION		TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION (SEE CODES AT RIGHT)																									
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
J	43459-0001	04AAA		1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0002	04BAA		1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0003	04AAA		1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0004	04BAA		1	1	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
I	43459-0005	10AAD		5	5	5	5	5		5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0006	10BAD		5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0007	10AAE		3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0008	10BAE		3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
H	43459-0009	18AAD		9	9	9	9	5	5	9	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-		
	43459-0011	24AAD		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
	43459-0012	24BAD		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
	43459-0013	24BAD		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
G	43459-0014	18BAD		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-		
	43459-0015	18BAE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-		
	43459-0016	14BAD		5	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-		
	43459-0017	18BAD		9	9	9	9	5	5	9	9	9	9	9	9	5	5	9	9	9	-	-	-	-	-	-	-		
F	43459-0018	10AAA		8	8	8	8	8	8	8	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0019	10BAE		3	3	3	10	10	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0020	18AAE		10	-	10	10	10	10	10	10	10	3	3	10	10	10	10	10	10	-	-	-	-	-	-	-		
	43459-0021	10AAD		5	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
E	43459-0022	10AAD		5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0023	14AAD		5	9	9	9	9	9	9	9	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-		
	43459-0024	14AAD		5	9	9	9	9	9	9	5	9	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-		
	43459-0025	18BAE		10	10	10	10	10	10	10	-	10	10	10	10	10	10	3	-	10	-	-	-	-	-	-	-		
D	43459-0026	10BAE		10	-	10	-	10	10	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0027	24BAE		10	10	10	10	10	10	10	10	10	10	-	10	10	10	10	10	10	10	10	10	10	10	-	10		
	43459-0028	24AAE		3	10	10	10	10	10	10	10	10	10	10	3	3	10	10	10	10	10	10	10	10	10	10	3		
	43459-0029	14BAE		10	10	10	10	10	10	10	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-		
C	43459-0030	04BAE		3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0031	18BAE		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-		
	43459-0032	10BAE		3	10	10	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	43459-0033	14BAE		3	10	10	10	10	10	3	10	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-		
A	43459-0034	14BAE		10	10	10	10	10	10	10	10	10	10	3	10	10	10	-	-	-	-	-	-	-	-	-	-		

TERM. CODES FOR CHART AT LEFT		
TERMINAL NO.	PLATING /	MATERIAL
1=MAKE-FIRST	A	BRASS
----	---	----
3=MAKE-FIRST	E	BRASS
----	---	----
5=MAKE-FIRST	D	BRASS
----	---	----
----	---	----
8=STANDARD	A	BRASS
9=STANDARD	D	BRASS
10=STANDARD	E	BRASS

CHARACTERISTICS LEGEND:

CIRCUIT SIZE: (02-24)

HOUSING MATERIAL AND OPTIONS:

A=NYLON 6/6, U.L. 94V-2, COLOR: NATURAL.
B=NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.

TERMINAL MATERIAL:

A=BRASS

TERMINAL PLATING (SEE NOTE 2):

A=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL.
D=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL.
E=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL

1b_frame_C.P.AM.T
Rev. G 2012/01/11

12

11

10

9

8

7

6

5

4

3

2

1

SEE SHEET 1 REC NO: UCP2015-1722 DRAWN: JFOX 2014/10/23 CHKD: BELL 2014/10/23 APPROV: SMITH 2014/10/27	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±.010 2 PLACES ±0.25 ±.014 1 PLACE ±0.36 ±--- 0 PLACE ±--- ±---	DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 2-24 CKT. VERT. HEADER MINI-FIT B.M.I. MAKE FIRST/BREAK LAST molex SDA-43459-**** SHEET NO. 2 OF 3			
			DRAWN BY AFG	DATE 1994/12/07	TITLE					
			CHECKED BY R.J.F.	DATE 1994/12/07						
			APPROVED BY F.S.M.I.T.H.	DATE 2012/05/22						
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART		DOCUMENT NO.					
			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

tb_frame_C_P_AM_T
Rev. G 2012/01/11