

Excellent Integrated System Limited

Stocking Distributor

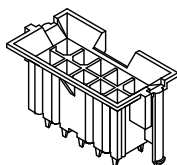
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0434590008](#)

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.

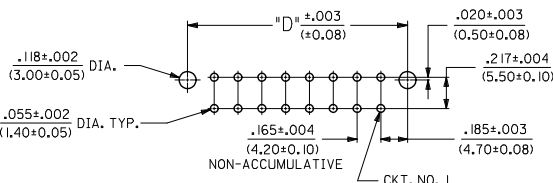
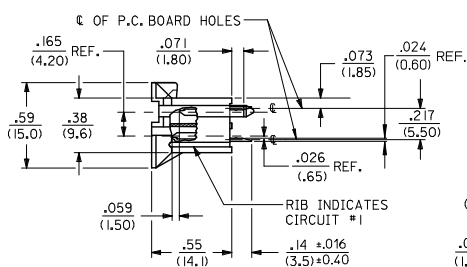
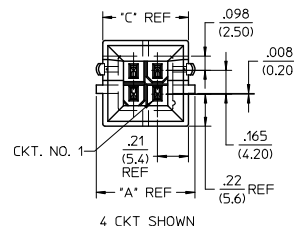
6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.

7) THIS PART IS NOT DESIGNED FOR CURRENT SHARING.

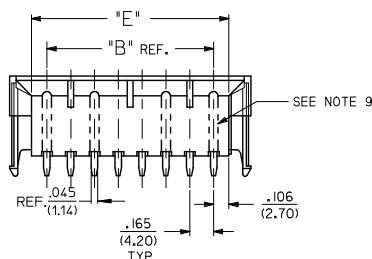
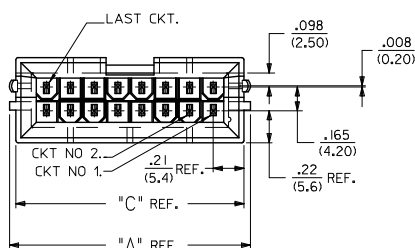
8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

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	DATE	1994/12/07		2-24 CKT. VERT. HEADER		1 OF 3
▽=0	3 PLACES ±.010	INCH	CHECKED BY	DATE		MINI-FIT B.M.I.		
▽=0	2 PLACES ±0.25		RJF	1994/12/07		MAKE FIRST/BREAK LAST		
	1 PLACE ±0.36		APPROVED BY	DATE				
	0 PLACE ±.005		FSM TH	2012/05/22				
	ANGULAR ±1/2°		MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					
			SIZE					

'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

ib_frame_C_P_AM_T
Rev. G 2012/01/11



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0434590008 - 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
43459-0035	IOBAD	5	9	9	9	9	5	9	9	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0036	IOBAE	10	3	10	10	10	10	3	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0037	IOBAE	3	10	10	10	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0038	24AAD	9	9	9	9	9	9	9	9	9	9	9	5	9	9	9	9	9	9	9	9	9	9	9	9
43459-0039	I4BAE	3	10	10	10	10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-
43459-0040	IOAAD	9	9	9	9	9	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0041	6AAA	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0042	I8BAE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	10	10	-	-	-	-	-	-
43459-0043	24AAA	8	8	8	8	8	8	8	-	1	1	-	8	8	8	8	8	8	8	8	-	1	1	-	8
43459-0044	IOBAE	10	10	10	3	10	10	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0045	IOBAE	10	3	3	10	10	3	10	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0046	IOBAE	10	10	10	10	10	10	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0047	24BAE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
43459-0048	04BAD	9	5	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0049	04BAE	10	3	3	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43459-0050	I8BAE	3	3	3	3	3	3	3	3	3	3	10	3	3	3	3	3	3	3	-	-	-	-	-	-
43459-0052	24BAD	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-	9	-
43459-0053	24BAE	10	10	10	10	3	3	3	10	10	10	10	10	10	10	10	3	3	3	10	10	10	10	10	10
43459-0054	24BAA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43459-0055	14BAA	8	8	8	1	1	8	8	8	8	8	1	8	8	8	-	-	-	-	-	-	-	-	-	-

0 = OBSOLETE

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

SEE SHEET 1 REV NO: UCP2015-1722 2014/10/23 DRAWN: JFOX CHKD: BELL APPROV: SMITH F13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ±.005 ±.005	AFG 1994/12/07	2-24 CKT. VERT. HEADER				
	▽=0	3 PLACES ±.010 ±.010	CHECKED BY	DATE	MINI-FIT B.M.I.			
		2 PLACES ±.014 ±.014	RJF 1994/12/07	MAKE FIRST/BREAK LAST				
		1 PLACE ±.036 ±.036	APPROVED BY	DATE	molex			
		0 PLACE ±.000 ±.000	FSMITH 2012/05/22					
		ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.	SDA-43459-****			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SHEET NO. 3 OF 3				
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

1b_frame_C_P_AM_T Rev. G 2012/01/11	12	11	10	9	8	7	6	5	4	3	2	1
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