

Excellent Integrated System Limited

Stocking Distributor

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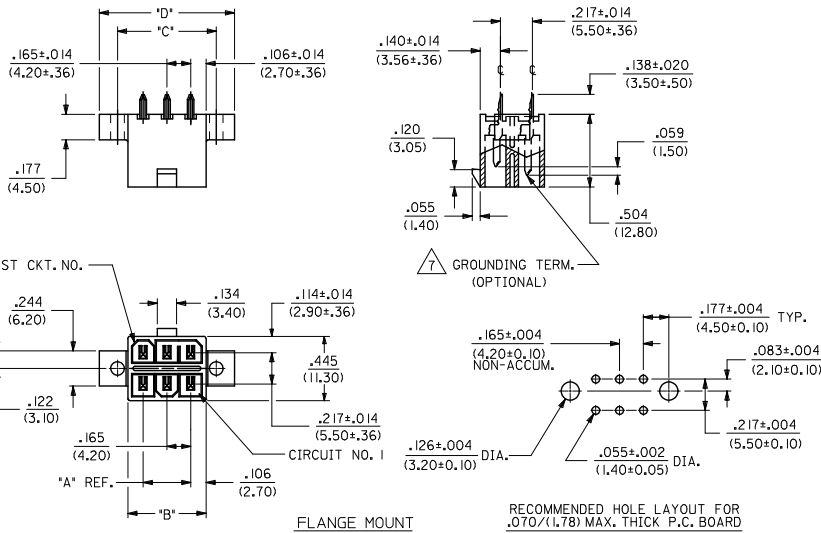
[Molex Connector Corporation](#)
[0444820001](#)

For any questions, you can email us directly:

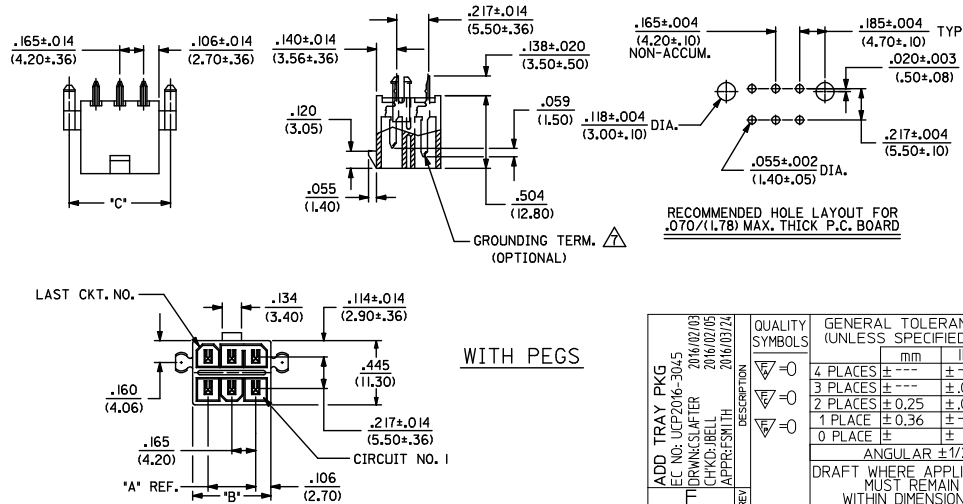
sales@integrated-circuit.com

NOTES:

- HOUSING MAT'L.: POLYESTER, UNFILLED, 94V-0, COLOR: BLACK.
TERMINAL MATERIAL: BRASS ALLOY.
- PLATINGS:
2 = .000030/(.00076) MIN. SELECT GOLD AND .000100/(.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
3 = .000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL.
- PRODUCT SPECIFICATION: PS-5556-003.
- PACKAGING SPECIFICATION: BULK PER PK-30069-001.
TRAY PER 30069000-PK
- PART MATES WITH RECEPTACLE 30067-*.
⚠️ FLANGE MOUNT PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.
- SEE CHART ON SHEET 3 FOR STD. TERMINAL, GROUNDING TERMINAL AND VOID LOCATIONS.
- PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- ITEM NUMBERS PRECEDED BY AN 'X' IN THE CHART ON SHEET 3 ARE NOT AVAILABLE.
- PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



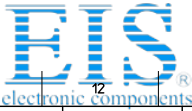
⚠️ INSTALL SCREW FROM UNDERSIDE OF P.C. BOARD
RECOMMENDED INSTALLATION OF HEADER TO P.C. BOARD



CKT. SIZE	LETTER DIMENSIONS FOR ASSEMBLIES WITH PEGS		
	DIM. 'A'	DIM. 'B'	DIM. 'C'
2	.213 (5.40)	.370 (9.40)	
4	.165 (4.20)	.378 (9.60)	.535 (13.60)
6	.331 (8.40)	.543 (13.80)	.701 (17.80)
8	.496 (12.60)	.709 (18.00)	.866 (22.00)
10	.661 (16.80)	.874 (22.20)	1.031 (26.20)
12	.827 (21.00)	1.039 (26.40)	1.197 (30.40)
14	.992 (25.20)	1.205 (30.60)	1.362 (34.60)
16	1.157 (29.40)	1.370 (34.80)	1.528 (38.80)

CKT. SIZE	LETTER DIMENSIONS FOR ASSEMBLIES WITH FLANGES			
	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'
2	.213 (5.40)	.354 (9.00)	.606 (15.40)	
4	.165 (4.20)	.378 (9.60)	.570 (14.40)	.712 (18.00)
6	.331 (8.40)	.543 (13.80)	.685 (17.40)	.937 (23.80)
8	.496 (12.60)	.709 (18.00)	.850 (21.60)	1.102 (28.00)
10	.661 (16.80)	.874 (22.20)	1.016 (25.80)	1.268 (32.20)
12	.827 (21.00)	1.039 (26.40)	1.181 (30.00)	1.433 (36.40)
14	.992 (25.20)	1.205 (30.60)	1.346 (34.20)	1.598 (40.60)
16	1.157 (29.40)	1.370 (34.80)	1.512 (38.40)	1.764 (44.80)

ADD TRAY PKG EC NO: UCP2016-3045 DRAWING: 2016/02/03 CHKD: BELL APPR: SMITH DATE: 2016/03/24	QUALITY SYMBOLS 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± .10 ± .010 3 PLACES ± .15 ± .015 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± .014 0 PLACE ± .000 ± .000	DIMENSION STYLE IN/MM DRAWN BY: GEP DATE: 1994/07/28 CHECKED BY: R/JF DATE: 1994/07/28 APPROVED BY: F/SMITH DATE: 2011/02/11	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	
		ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART DOCUMENT NO. SDA-44482-****	VERT. HEADER ASSY., SELECTIVELY LOADED, MINI-FIT T.P.A. SERIES 	SHEET NO. 1 OF 2
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		12 11 10 9 8 7 6 5 4 3 2 1			



Distributor of Molex Connector Corporation: Excellent Integrated System Limited

Datasheet of 0444820001 - MINIFIT TPA VERT HDR 30SAU 12CKT

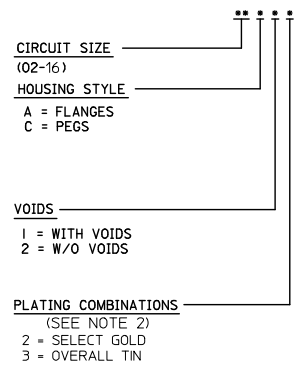
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

ITEM NO.	CHARACTERISTIC DESCRIPTION	TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT)																PACKAGING
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
44482-0001	12A12	2	2	2	4	2	2	2	2	2	-	2	2					BULK
44482-0002	12A22	2	2	2	4	2	2	2	2	2	2	2	2					BULK
																		BULK
44482-0004	12A12	2	2	2	4	2	2	2	2	2	2	2	-					BULK
44482-0005	12A12	2	2	2	4	2	2	2	2	2	-	2	-					BULK
44482-0006	16A13	5	5	5	-	5	5	5	5	5	5	5	5	5	5	5	5	BULK
44482-0007	16A13	5	5	5	5	5	5	5	5	5	-	5	5	5	5	5	5	BULK
44482-0008	12A12	2	-	2	2	2	2	2	2	2	2	2	2					BULK
44482-0009	12A12	2	2	2	4	-	2	2	2	2	-	2	-					BULK
44482-9901	12A12	2	2	2	4	2	2	2	2	2	-	2	2					BULK

TERM. I.D. CODES FOR CHART AT LEFT	
TERMINAL TYPE	PLATING (NOTE 2)
*1 = VOID LOC.	N/A
*2 = STD. TERM., SELECT. GOLD	2
*4 = GROUNDING TERM., SELECT. GOLD	2
*5 = STD. TERM. TIN	3
*6 = STD. GROUNDING TERM. TIN	3

SEE NOTE 9

CHARACTERISTICS LEGEND:



SEE SHEET 1 EC NO: UCP2016-3045 DRAWN BY: AFTER 2016/02/09 CHKD: BELL 2016/02/05 APPROV: SMITH 2016/03/24	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION 	
				IN/MM			METRIC		VERT. HEADER ASSY., SELECTIVELY LOADED, MINI-FIT T.P.A. SERIES
		4 PLACES ± --- ± ---		DRAWN BY	DATE	TITLE			
		3 PLACES ± --- ± .010		GEP	1994/07/28				
2 PLACES ± 0.25 ± .014		CHECKED BY	DATE						
1 PLACE ± 0.36 ± ---		RJF	1994/07/28						
0 PLACE ± ±		APPROVED BY	DATE						
		SMITH	2011/02/11						
ANGULAR ± 1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SDA-44482-****	2 OF 2					
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							