



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 44812-0028 - Connector Receptacle, Bottom or Top Entry 10 Position 0.100"  
(2.54mm) Gold Through Hole

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

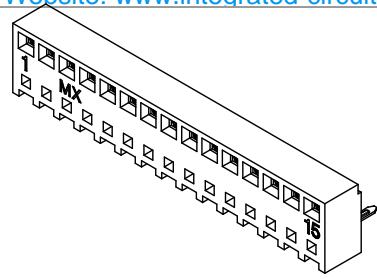
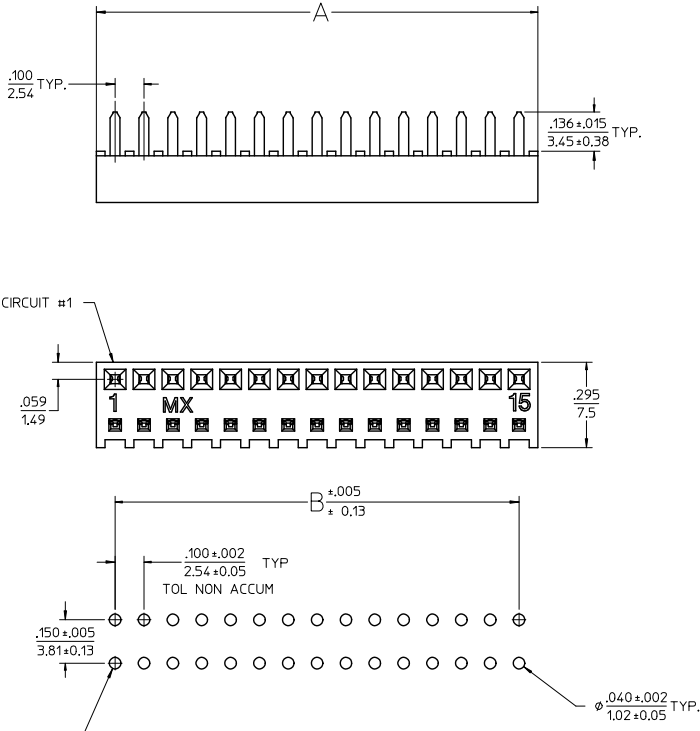
Stocking Distributor

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

[Molex Connector Corporation](#)  
[44812-0028](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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CKTS	DIM A	DIM B
2	.230	.100
	5.84	2.54
3	.330	.200
	8.38	5.08
4	.430	.300
	10.92	7.62
5	.530	.400
	13.46	10.16
6	.630	.500
	16.00	12.70
7	.730	.600
	18.54	15.24
8	.830	.700
	21.08	17.78
9	.930	.800
	23.62	20.32
10	1.030	.900
	26.16	22.86
11	1.130	1.000
	28.70	25.40
12	1.230	1.100
	31.24	27.94
13	1.330	1.200
	33.78	30.48
14	1.430	1.300
	36.32	33.02
15	1.530	1.400
	38.86	35.56
16	1.630	1.500
	41.40	38.10

- NOTES :
- MATERIAL -  
 HOUSING : HIGH TEMP NYLON, GLASS-FILLED, UL94V-0, COLOR - BLACK  
 TERMINAL : MODIFIED TIN/BRASS ALLOY
  - FINISH - (SEE CHART)  
 A-TIN: .000200/(0.00508) MINIMUM  
 B-SELECT GOLD: .000015/(0.00038) MIN., SELECT TIN: .000100/(0.00254) MIN., OVER NICKEL  
 C-SELECT GOLD: .000030/(0.00076) MIN., SELECT TIN: .000100/(0.00254) MIN., OVER NICKEL
  - PRODUCT SPECIFICATION : PS-44812-001
  - PACKAGING SPECIFICATION : TRAY PACK PER PK-44812-001
  - 15 CIRCUIT PART SHOWN SEE SHEET 2 FOR OTHER CIRCUIT SIZES.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

PCB LAYOUT : COMPONENT SIDE SHOWN  
 RECOMMENDED PCB THK: .062/1.57

<b>PCB LAYOUT</b> EC NO: UCP203-1814 DRAWN BY: DRINKWIPPER CHKD: BELL APPROVED BY: APPROVSMITH DATE: 2012/11/06 DATE: 2012/11/06 DATE: 2012/11/20	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				IN/MM		4:1	INCH		
				DRAWN BY DATE		TITLE			
				CHECKED BY DATE		KK 100 PCB CONN ASSY LOW PROFILE			
		2 PLACES ± 0.25 ± 0.15		APPROVED BY DATE					
		1 PLACE ± 0.38 ± ---		MARGULIS 2001/09/24					
		0 PLACE ± ±		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		ANGULAR ±1/2°		SEE CHART		SD-44812-001		1 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					

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FINISH: A (TIN)	
CKTS	MATERIAL NO.
2	44812-0002
3	44812-0003
4	44812-0004
5	44812-0005
6	44812-0006
7	44812-0007
8	44812-0008
9	44812-0009
10	44812-0010
11	44812-0011
12	44812-0012
13	44812-0013
14	44812-0014
15	44812-0015
16	44812-0016

FINISH: B (15 GOLD)	
CKTS	MATERIAL NO.
2	44812-0020
3	44812-0021
4	44812-0022
5	44812-0023
6	44812-0024
7	44812-0025
8	44812-0026
9	44812-0027
10	44812-0028
11	44812-0029
12	44812-0030
13	44812-0031
14	44812-0032
15	44812-0033
16	44812-0034

FINISH: C (30 GOLD)	
CKTS	MATERIAL NO.
2	44812-0040
3	44812-0041
4	44812-0042
5	44812-0043
6	44812-0044
7	44812-0045
8	44812-0046
9	44812-0047
10	44812-0048
11	44812-0049
12	44812-0050
13	44812-0051
14	44812-0052
15	44812-0053
16	44812-0054

SEC SHEET 1 EC. NO. UCP2013-1814 DRAWN BY: MARGULIS CHECKED BY: MUELLER APPROVED BY: MARGULIS DATE: 2012/11/06 DATE: 2012/11/06 DATE: 2012/11/20	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				IN/MM		1:1	INCH	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ±		DRAWN BY: MUELLER DATE: 2011/09/22 CHECKED BY: MUELLER DATE: 2011/09/23 APPROVED BY: MARGULIS DATE: 2011/09/24		TITLE: KK 100 PCB CONN ASSY LOW PROFILE		
		ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART DOCUMENT NO. SD-44812-001		SHEET NO. 2 OF 2		