



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 09-48-3095 - Connector Receptacle 9 Position 0.156" (3.96mm) Gold Through  
Hole, Right Angle

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

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[Molex Connector Corporation](#)  
[09-48-3095](#)

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

**RIGHT ANGLE**

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
 HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)

PCB LAYOUT: COMPONENT SIDE (1.57/.18)  
 RECOMMENDED PCB THICKNESS: .062/.007

**BOTTOM ENTRY**

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
 HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)

PCB LAYOUT: COMPONENT SIDE (1.57/.18)  
 RECOMMENDED PCB THICKNESS: .062/.007

**TOP ENTRY**

HOUSING: 41815-N-AN-\*\* (WITH RAMP)  
 HOUSING: 41815-N-DN-\*\* (WITHOUT RAMP)

PCB LAYOUT: COMPONENT SIDE (1.57/.18)  
 RECOMMENDED PCB THICKNESS: .062/.007

DIM. B	DIM. A	NO. OF CKTS
(3.96)	(1.02±.25)	2
.156	.008±0.00	2
(7.92)	(1.179±.25)	3
.312	.464±0.00	3
(11.89)	(1.579±.25)	4
.468	.620±0.00	4
(15.85)	(1.971±.25)	5
.624	.776±0.00	5
(19.81)	(2.367±.25)	6
.780	.932±0.00	6
(23.77)	(2.754±.30)	7
.936	1.088±0.02	7
(27.74)	(3.169±.25)	8
1.092	1.244±0.02	8
(31.70)	(3.556±.30)	9
1.248	1.400±0.02	9
(35.66)	(3.952±.30)	10
1.404	1.556±0.02	10
(39.62)	(4.348±.30)	11
1.560	1.712±0.02	11
(43.59)	(4.745±.30)	12
1.716	1.868±0.02	12
(47.55)	(5.141±.30)	13
1.872	2.024±0.02	13
(51.51)	(5.537±.36)	14
2.028	2.180±0.04	14
(55.47)	(5.933±.36)	15
2.184	2.336±0.04	15

NOTES:  
 1. MATERIAL: HOUSING: POLYESTER, RATED UL 94V-0, COLOR: NATURAL (WHITE)  
 2. FINISH:  
 (197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.  
 (208) = SELECT GOLD: 0.00038/.000015 MIN.  
 SELECT TIN: 0.00254/.000100 MIN.  
 OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.  
 (228) = SELECT GOLD: 0.00076/.000030 MIN.  
 SELECT TIN: 0.00254/.000100 MIN.  
 OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.  
 (909) = OVERALL TIN: 0.00254/.000100 MIN.  
 3. PRODUCT SPECIFICATION: PS-08-50  
 4. PACKAGING: SEE CHARTS  
 5. FOR TOP ENTRY AND RIGHT ANGLE ASSEMBLIES WITH LOWER INSERTION FORCE USE SINGLE BEAM CONTACT, (TERMINAL NO. 4244)  
 6. SOLDERABILITY: WHEN PARTS ARE SOLDERED AT A TEMPERATURE OF 230°C (446°F) FOR 5 SECONDS EACH SOLDERED SURFACE SHALL BE A MINIMUM OF 95% COVERED WITH A SMOOTH CONTINUOUS ADHERENT COATING. FOR ADDITIONAL INFORMATION SEE SMES-152.  
 7. PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERLINE.  
 8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	MM/IN	DATE	---	INCH	
$\sqrt{\text{X}}=0$	4 PLACES	± .010	± .005	SAMIEC	01/28/87			KK 156 HOUSING PCB 41815 SERIES  <b>molex</b> SDA-41815 SHEET NO. 1 OF *
$\sqrt{\text{Y}}=0$	3 PLACES	± .010	± .010	CHECKED BY	DATE			
$\sqrt{\text{Z}}=0$	2 PLACES	± 0.25	± .015	SAMIEC	01/28/87			
	1 PLACE	± 0.38	± .---	APPROVED BY	DATE			
	0 PLACE	±	±	LENZ	01/28/87			
		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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