



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 0009624094 - Connector Receptacle 9 Position 0.156" (3.96mm) Gold Through Hole

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

Excellent Integrated System Limited

Stocking Distributor

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

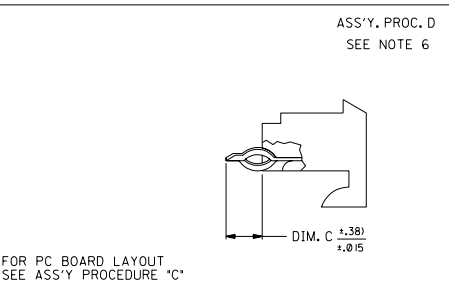
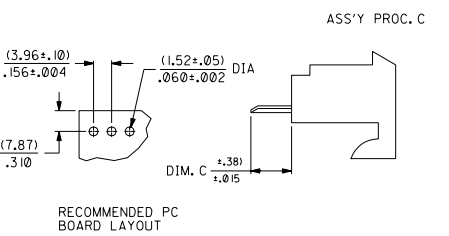
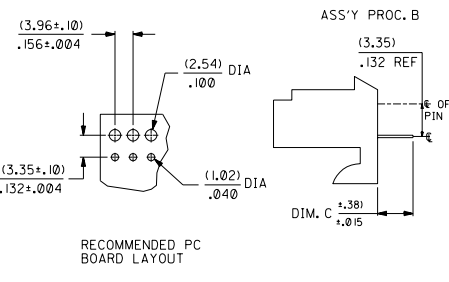
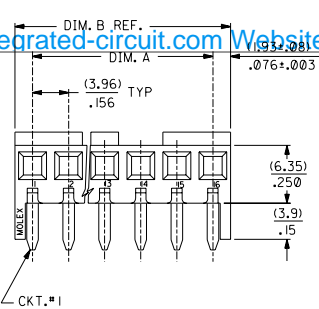
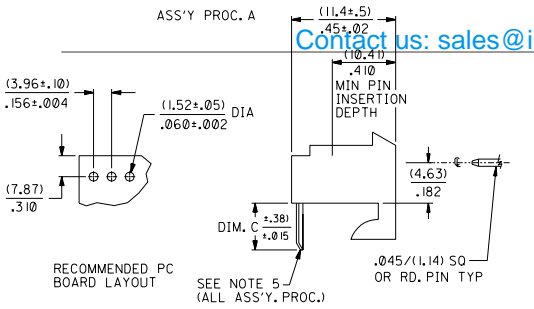
[Molex Connector Corporation](#)
[0009624094](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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NOTES:

1. TERMINALS MUST CONFORM TO SOLDERABILITY SPEC. ES-152.
2. PARTS CONFORM TO PRODUCT SPEC 08-50.
3. HOUSING MATERIAL: NYLON, UL LISTED
4. ** PRECEDING ENG. NO. IN CHARTS DESIGNATES STANDARD PRODUCT.
5. TERMINAL TAIL CENTERLINES ARE TO BE WITHIN (.301)/.012 OF EACH OTHER.
6. FOR KINKED PIN INFORMATION SEE SMES-42329-***.



ASS'Y. PROCEDURE
 A=RIGHT ANGLE
 B=BOTTOM ENTRY
 C=TOP ENTRY
 D=TOP ENTRY WITH KINKED TAIL
 E=TOP ENTRY WITH HOOKS CUT OFF
 F=TOP ENTRY WITH HOOKS CUT OFF

PACKAGING CODE
 BLANK=BULK PACK
 A=TUBE PACK PER PK-40873-0026

PLATING
 (102) 200 M.I. MIN TIN OVER 100 M.I. MIN COPPER
 (587) SELECT GOLD 15 M.I. MIN
 SELECT TIN-LEAD 75 M.I. MIN. OVER
 50 M.I. MIN NICKEL

HOUSING NO.
 A=2145-N-AN
 94V-2 NATURAL WITH
 RAMPS AND HOOKS
 B=2145-NBK-AN
 94V-2 DYED BLACK WITH
 RAMPS AND HOOKS
 C=2145-A-AN
 94V-0 NATURAL WITH
 RAMPS AND HOOKS
 G=2145-N-CN
 94V-2 NATURAL WITH
 HOOKS ONLY
 H=2145-NGN-AN
 94V-2 DYED GREEN WITH
 RAMPS AND HOOKS
 J=2145-NYW-AN
 94V-2 DYED YELLOW
 WITH RAMPS AND HOOKS
 K=2145-NRD-AN
 94V-2 DYED RED WITH
 RAMPS AND HOOKS
 L=2145-N-AN-5
 94V-2 NATURAL W/
 RAMPS AND HOOKS
 MOLDED IN VOIDS

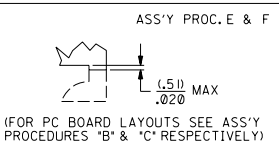
TERMINAL NO.
 A=2144-AA-AIAA(+B) (BRASS)
 B=2144-BA-AIAA(+B) (PHOS BRONZE)
 C=2144-AA-A2AA(+B) (BRASS)
 D=2144-BA-A2AA(+B) (PHOS BRONZE)
 E=6298-A(+*) (PHOS BRONZE)
 H=2188-(*) (BRASS)
 J=2188-(*) (BRASS)
 K=4244-(*) (BRASS)
 L=6298-(*) (PHOS BRONZE)
 M=2144-BA-BIAA(+B) (PHOS BRONZE)
 N=4244-A(+*) (PHOS BRONZE)

NO. OF CKTS.

NO. OF CKTS.	DIM. A	DIM. B	KINK PIN LOCATION (ASS'Y. PROC. D ONLY)
2	(3.96 ± .13) .156 ± .005	(7.82) .308	N/A
3	(7.92 ± .13) .312 ± .005	(11.79) .464	N/A
4	(11.89 ± .13) .468 ± .005	(15.75) .620	1, 2 3, 4
5	(15.85 ± .13) .624 ± .005	(19.71) .776	2, 3 4, 5
6	(19.81 ± .13) .780 ± .005	(23.67) .932	2, 3 4, 5
7	(23.77 ± .25) .936 ± .010	(27.64) 1.088	2, 3 5, 6
8	(27.74 ± .25) 1.092 ± .010	(31.60) 1.244	2, 3 6, 7
9	(31.70 ± .25) 1.248 ± .010	(35.56) 1.400	2, 3 7, 8
10	(35.66 ± .25) 1.404 ± .010	(39.52) 1.556	2, 3 8, 9
11	(39.62 ± .25) 1.560 ± .010	(43.48) 1.712	2, 3 9, 10
12	(43.59 ± .25) 1.716 ± .010	(47.45) 1.868	2, 3 10, 11
13	(47.55 ± .25) 1.872 ± .010	(51.41) 2.024	2, 3 11, 12
14	(51.51 ± .36) 2.028 ± .014	(55.37) 2.180	2, 3 12, 13
15	(55.47 ± .36) 2.184 ± .014	(59.33) 2.336	2, 3 13, 14
16	(59.44 ± .36) 2.340 ± .014	(63.30) 2.492	2, 3 14, 15

20	U
19	T
18	U7
17	M
16	T6
15	T
14	T2
13	U6
12	U5
11	R3
10	U
9	T
8	T
7	U3
6	U
5	U
4	U
3	U
2	U
1	U7

FOR PC BOARD LAYOUT SEE ASS'Y PROCEDURE "C"



DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES IN MILS ± 1/10"		INCH METRIC	
± PLAC ± .010	---	---	---
± PLAC ± .014	± 0.25	---	---
± PLAC ---	± 0.36	---	---

DRIFT: THESE DIMENSIONS MUST REMAIN WITHIN DIMENSIONS

DRG: PEREZ / CHKD: PATL / APPD: LENZ / SCALE: 1

REVISE ONLY ON CAD SYSTEM

TITLE: HOUSING ASS'Y, P.C. TAIL (3.96) / .156

2145 SERIES DRAWING

MOLEX INCORPORATED

SEE CHART

SDA-2145

DATE: 10F 20 7 79 / 87

DRG. C

LTR.	REVISIONS	LTR.	REVISIONS
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		13	12	11	10	9	8	7	6	2145	4	3	2	1		
ENG. NO.		HOUSING NO.			TERMINAL NO.			DIM. C		EDP ON SHT/COL						
J	A-2145-AANA(I02)-*	2145-N-AN			2144-AA-A IAA-102B			(3.68) / .145		7 / 1						
	A-2145-AANA(I22)-*	2145-N-AN			2144-AA-A IAA-122B			(3.68) / .145		7 / 2						
	A-2145-AANA(505)-*	2145-N-AN			2144-AA-A IAA-505B			(3.68) / .145		7 / 3						
	A-2145-AANA(507)-*	2145-N-AN			2144-AA-A IAA-507B			(3.68) / .145		7 / 4						
	A-2145-AANB(558)-*	2145-N-AN			2144-BA-A IAA-558B			(3.68) / .145		8 / 1						
	A-2145-AANA(P913)-*	2145-N-AN			2144-AA-A IAA-P913B			(3.68) / .145		8 / 2						
I	A-2145-ABNA(I22)-*	2145-NBK-AN			2144-AA-A IAA-122B			(3.68) / .145		8 / 3						
	A-2145-ABNA(P913)-*	2145-NBK-AN			2144-AA-A IAA-P913B			(3.68) / .145		8 / 4						
	A-2145-AANA(587)-*	2145-N-AN			2144-AA-A IAA-587B			(3.68) / .145		9 / 1						
	A-2145-AGNA(P913)-*	2145-N-CN			2144-AA-A IAA-587B			(3.68) / .145		9 / 2						
H	A-2145-BANH(I02)-*	2145-N-AN			2188-(I02)			(4.06) / .160		9 / 3						
	A-2145-BANH(I22)-*	2145-N-AN			2188-(I22)			(4.06) / .160		9 / 4						
	A-2145-BANL(P913)-*	2145-N-AN			6298-(P913)			(4.06) / .160		10 / 1						
	A-2145-BANL(565)-*	2145-N-AN			6298-(565)			(4.06) / .160		10 / 2						
	A-2145-BBNH(I22)-*	2145-NBK-AN			2188-(I22)			(4.06) / .160		10 / 3						
G	A-2145-CANA(I02)-*	2145-N-AN			2144-AA-A IAA-102B			(3.05) / .120		10 / 4						
	A-2145-CANA(I22)-*	2145-N-AN			2144-AA-A IAA-122B			(3.05) / .120		11 / 1						
	A-2145-CANB(565)-*	2145-N-AN			2144-BA-A IAA-565B			(3.05) / .120		11 / 2						
	A-2145-CANB(P913)-*	2145-N-AN			2144-AA-A2AA-P913B			(4.80) / .189		11 / 3						
	A-2145-FGNA(587)-*	2145-N-CN			2144-AA-A IAA-587B			(3.05) / .120		11 / 4						
	A-2145-FANA(P913)-*	2145-N-AN			2144-AA-A IAA-P913B			(3.05) / .120		12 / 1						
F	A-2145-DANB(P913)-*	2145-N-AN			2144-AA-A2AA-P913B			(4.80) / .189		12 / 2						
	A-2145-BBNH(P913)-*	2145-NBK-AN			2188-(P913)			(4.06) / .160		12 / 3						
	A-2145-CBNA(P913)-*	2145-NBK-AN			2144-AA-A IAA-P913B			(3.05) / .120		12 / 4						
	A-2145-FGNA(550)-*	2145-N-CN			2144-AA-A IAA-550B			(3.05) / .120		13 / 1						
	A-2145-BANH(P913)-*	2145-N-AN			2188-(P913)			(4.06) / .160		13 / 2						
E	A-2145-BANH(587)-*	2145-N-AN			2188-(587)			(4.06) / .160		13 / 3						
	A-2145-FANA(503)-*	2145-N-AN			2144-AA-A IAA-503B			(3.05) / .120		13 / 4						
	A-2145-EANH(P913)-*	2145-N-AN			2188-(P913)			(4.06) / .160		14 / 1						
	A-2145-AANK(P913)-*	2145-N-AN			4244-(P913)			(3.68) / .145		14 / 2						
	A-2145-ABNK(P913)-*	2145-NBK-AN			4244-(P913)			(3.68) / .145		14 / 3						
D	A-2145-ABNA(587)-*	2145-NBK-AN			2144-AA-A IAA-587B			(3.68) / .145		14 / 4						
	A-2145-AANA-(I09)-*	2145-N-AN			2144-AA-A IAA-109B			(3.68) / .145		15 / 1						
	A-2145-CANA(P913)-*	2145-N-AN			2144-AA-A IAA-P913B			(3.05) / .120		15 / 2						
	A-2145-AANB(I22)-*	2145-N-AN			2144-BA-A IAA(I22)B			(3.68) / .145		15 / 3						
	A-2145-BANL(I22)-*	2145-N-AN			6298-(I22)			(4.06) / .160		15 / 4						
	A-2145-CANB(I22)-*	2145-N-AN			2144-BA-A IAA(I22)B			(3.05) / .120		16 / 1						
C	A-2145-EGNH(P913)-*	2145-N-CN			2188-(P913)			(4.06) / .160		16 / 2						
	A-2145-FGNA(P913)-*	2145-N-CN			2144-AA-A IAA-P913B			(3.05) / .120		16 / 3						
	A-2145-CANA(587)-*	2145-N-AN			2144-AA-A IAA-587B			(3.05) / .120		16 / 4						
	A-2145-BBNH(I22)-*	2145-NGN-AN			2188-(I22)			(4.06) / .160		17 / 1						
	A-2145-BJNH(I22)-*	2145-NYW-AN			2188-(I22)			(4.06) / .160		17 / 2						
B	A-2145-BKNH(I22)-*	2145-NRD-AN			2188-(I22)			(4.06) / .160		17 / 3						
A																

SEE SHEET I	M1	SEE SHEET I	DIMENSIONS SHOWN IN METRIC INCH	▽ = 0	▽ = 0	REVISE ONLY ON CAD SYSTEM
SEE SHEET I	M	SEE SHEET I	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS	TITLE HOUSING ASSY, P.C. TAIL (3.96)/.156 Q		
U	K	SEE SHEET I	INCH	2145 SERIES DRAWING		
T	J3	SEE SHEET I	F. PLACE	MOLEX INCORPORATED SHEET NO. 5 DATE 17 / 9 / 87		
G	J	SEE SHEET I	H. PLACE	PART NO. SDA-2145		
R	H	SEE SHEET I	I. PLACE	DRAWING CHART		
M3	G1	SEE SHEET I	DRIFT IN HOLE AND DRIFTABLE MUST REMAIN WITHIN DIMENSIONS	FILE NAME SDA-2145		
LTR.	REVISIONS	LTR.	DRWG. PERFORMED BY: J. LENZ	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE LOANED, REPRODUCED, COPIED, OR DISSEMINATED WITHOUT PERMISSION. K.K.		



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A-2145-CANA(122)-*			A-2145-CANB(565)-*			A-2145-CANC(P913)-*			A-2145-FGNA(587)-*		
PART NO.	ENG. NO(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO(SUFFIX ONLY)	VOID CKT.	PART NO.	ENG. NO(SUFFIX ONLY)	VOID CKT.
	-CA2A(122)			-CA2B(565)		09-52-1029	-CA2C(P913)			-FG2A(587)	
	-CA3A(122)			-CA3B(565)		09-52-1039	-CA3C(P913)			-FG3A(587)	
09-86-3043	-CA4A(122)			-CA4B(565)		09-52-1049	-CA4C(P913)			-FG4A(587)	
	-CA5A(122)			-CA5B(565)		09-52-1059	-CA5C(P913)			-FG5A(587)	
	-CA6A(122)		09-62-3066	-CA6B(565)		09-52-1069	-CA6C(P913)			-FG6A(587)	
	-CA7A(122)			-CA7B(565)		09-52-1079	-CA7C(P913)			-FG7A(587)	
09-86-3083	-CA8A(122)			-CA8B(565)		09-52-1089	-CA8C(P913)			-FG8A(587)	
	-CA9A(122)		09-62-3096	-CA9B(565)		09-52-1099	-CA9C(P913)		09-62-4094	-FG9A(587)	
09-86-3103	-CA10A(122)		09-62-3106	-CA10B(565)		09-52-1109	-CA10C(P913)			-FG10A(587)	
	-CA11A(122)			-CA11B(565)		09-52-1119	-CA11C(P913)			-FG11A(587)	
09-86-3123	-CA12A(122)			-CA12B(565)		09-52-1129	-CA12C(P913)			-FG12A(587)	
	-CA13A(122)			-CA13B(565)		09-52-1139	-CA13C(P913)			-FG13A(587)	
	-CA14A(122)			-CA14B(565)		09-52-1149	-CA14C(P913)			-FG14A(587)	
	-CA15A(122)			-CA15B(565)		09-52-1159	-CA15C(P913)		09-62-4154	-FG15A(587)	
	-CA16A(122)			-CA16B(565)			-CA16C(P913)			-FG16A(587)	

COLUMN NO. 1	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 2	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 3	CON'T. IN COLUMN NO.	SHEET NO.	COLUMN NO. 4	CON'T. IN COLUMN NO.	SHEET NO.
						SEE SHEET I		SEE SHEET I			
						SEE SHEET I		SEE SHEET I			
						SEE SHEET I R3		SEE SHEET I			
						SEE SHEET I M		SEE SHEET I			
						SEE SHEET I D8		SEE SHEET I			
						SEE SHEET I A		SEE SHEET I			
LTR.	REVISIONS	LTR.	REVISIONS	LTR.	REVISIONS	LTR.	REVISIONS	LTR.	REVISIONS	LTR.	REVISIONS

DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /	DIMENSIONS SHOWN IN METRIC INCH UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS: 1. PLACE 0 2. PLACE * 3. PLACE # 4. PLACE . 5. PLACE /
TITLE: HOUSING ASS'Y, P.C. TAIL (3.96)/.156 Q 2145 SERIES DRAWING MOLEX INCORPORATED FILE NAME: SDA-2145 SHEET NO. 11 / 19 / 87 DATE: 11/17/87 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.												