

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0026013163](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1. MATERIALS:

HOUSING:

"BLANK"-NYLON 6/6, UNFILLED UL94 V-2, COLOR: NATURAL
"210"-NYLON 6/6, UNFILLED UL94 V-0, COLOR: NATURAL
"BL"-NYLON 6/6, UNFILLED UL94 V-2, COLOR: BLACK
"400"-NYLON 6/6, UNFILLED UL94 V-0, COLOR: BLACK

TERMINALS:

BRASS

2. TERMINAL PLATING:

"BLANK"=.000035/(0.00090) MIN. BRIGHT TIN OVER
.000020/(0.00050) MIN. COPPER
GS2=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
GS=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
S=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN. NICKEL
MS=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING: TRAY PACKED PER PK-5556-002

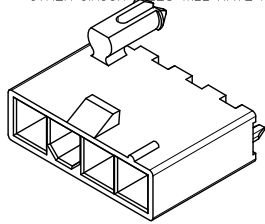
5. PART MATES WITH MINI-FIT JR, RECEPTACLE NO. 5557.

6. PART IS NOT DESIGNED FOR CURRENT SHARING.

7. PARTS ARE NOT TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.

8. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

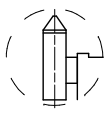
9. 4 CIRCUIT PARTS WILL HAVE PEG DESIGN A. ALL OTHER CIRCUIT SIZES WILL HAVE PEG DESIGN B.



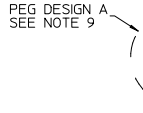
LOCK OPTION

POSITIVE LOCK

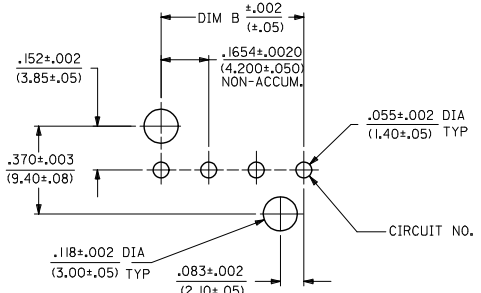
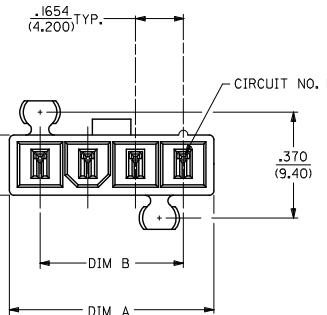
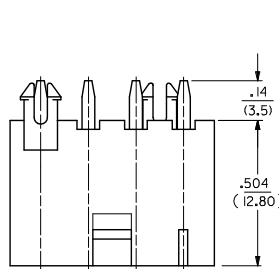
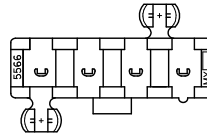
PASSIVE LOCK



PEG DESIGN B
SEE NOTE 9



PEG DESIGN A
SEE NOTE 9

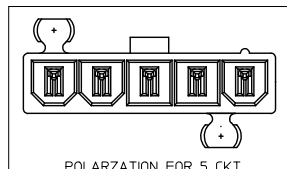


RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P, C, BOARD
VIEWED FROM COMPONENT SIDE

CKT. SIZE	DIM A	DIM B
4	.709 (18.00)	.496 (12.60)
5	.874 (22.20)	.661 (16.80)
6	1.039 (26.40)	.827 (21.00)
7	1.205 (30.60)	.992 (25.20)
8	1.370 (34.80)	1.157 (29.40)
9	1.535 (39.00)	1.323 (33.60)
10	1.701 (43.20)	1.488 (37.80)
11	1.866 (47.40)	1.654 (42.00)
12	2.031 (51.60)	1.819 (46.20)

LEGEND:

5566 - N A * * *
CIRCUIT SIZE (04-12)
PEG AND LOCK OPTION
3-MTG. PEGS, POSITIVE LOCK
4-MTG. PEGS, PASSIVE LOCK
PLATING (SEE NOTE 2)
HOUSING MAT'L (SEE NOTE 1)



POLARIZATION FOR 5 CKT.

OBS P/MS EC NO.: UCP204-3776 10/14/03/14 DOWNS CHKD: APPR:FSM:TH	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			4 PLACES ± .005	± .005	± .005	KSS	1989/02/19	TITLE	VERTICAL HEADER ASSY WITH PEGS MINI-FIT JR SINGLE ROW
			3 PLACES ± .010	± .010	± .015	CHECKED BY	DATE		
			2 PLACES ± 0.38	± .020	± .020	JTR	1989/02/19		
			1 PLACE ± 0.50	± .015	± .015	APPROVED BY	DATE		
			0 PLACE ± .005	± .005	± .005	FSM:TH	2012/05/04		
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		SEE CHART		
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

POSITIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
39-30-1049	5566-04A3	4	TIN OVER COPPER
39-30-1059	5566-05A3	5	TIN OVER COPPER
39-30-2041	5566-04A3GS	4	30 M.I. SELECT GOLD
39-30-2051	5566-05A3GS	5	30 M.I. SELECT GOLD
50-36-2453	5566-04A3S	4	BRIGHT TIN OVER NICKEL
50-36-2454	5566-05A3S	5	BRIGHT TIN OVER NICKEL
46999-0610	5566-04A3MS	4	MATTE TIN OVER NICKEL
46999-0611	5566-05A3MS	5	MATTE TIN OVER NICKEL

PASSIVE LOCK WITH MTG. PEGS, 94V-2 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
NO E.D.P.	5566-04A4GS	4	30 M.I. SELECT GOLD
NO E.D.P.	5566-05A4GS	5	30 M.I. SELECT GOLD

PASSIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
NO E.D.P.	5566-04A4GS-210	4	30 M.I. SELECT GOLD
NO E.D.P.	5566-05A4GS-210	5	30 M.I. SELECT GOLD

POSITIVE LOCK WITH MTG. PEGS, 94V-2 BLACK HOUSING			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
50-29-1528	5566-04A3-BL	4	TIN OVER COPPER
50-29-1529	5566-05A3-BL	5	TIN OVER COPPER
26-01-3162	5566-04A3S-BL	4	BRIGHT TIN OVER NICKEL
26-01-3163	5566-05A3S-BL	5	BRIGHT TIN OVER NICKEL

POSITIVE LOCK WITH MTG. PEGS, 94V-0 HOUSING MATERIAL			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
39-30-2040	5566-04A3-210	4	TIN OVER COPPER
39-30-2050	5566-05A3-210	5	TIN OVER COPPER
39-30-2042	5566-04A3GS-210	4	30 M.I. SELECT GOLD
39-30-2052	5566-05A3GS-210	5	30 M.I. SELECT GOLD
50-36-2356	5566-04A3S-210	4	BRIGHT TIN OVER NICKEL
50-36-2452	5566-05A3S-210	5	BRIGHT TIN OVER NICKEL
46999-0627	5566-04A3MS-210	4	MATTE TIN OVER NICKEL
46999-0628	5566-05A3MS-210	5	MATTE TIN OVER NICKEL

POSITIVE LOCK WITH MTG. PEGS, 94V-0 BLACK HOUSING			
PART NO	ENG NO	CKT SIZE	PLATING OPTION
46999-0506	5566-04A3GS-400	4	30 M.I. SELECT GOLD
46999-0507	5566-05A3GS-400	5	30 M.I. SELECT GOLD
46999-0577	5566-04A3MS-400	4	MATTE TIN OVER NICKEL
46999-0578	5566-05A3MS-400	5	MATTE TIN OVER NICKEL

SEE SHEET 1 EC NO: UCP2014-3776 DRAWN BY: 2014/03/14 CHKD: 2014/03/31 APPROV: SMITH REV: M6	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE VERTICAL HEADER ASSY WITH PEGS MINI-FIT JR SINGLE ROW molex MATERIAL NO. SEE CHART SDA-5566-NL* DOCUMENT NO. SDA-5566-NL* SHEET NO. 2 OF 2		
	 =0	mm INCH		DRAWN BY KSS DATE 1989/02/19		CHECKED BY JTR DATE 1989/02/19					
	 =0	3 PLACES ±.005 ±.0004		APPROVED BY F SMITH DATE 2012/05/04		ANGULAR ±1/2°					
	 =0	2 PLACES ±.015 ±.0012		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
		1 PLACE ±.030 ±.0024									
		0 PLACE ±.050 ±.0040									
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				