

13 12 11 10 9 8 7 6 5 4 3 2 1

J I H G F E D C B A

LEGEND:

5569 - N A * * - * - *

BASE NUMBER

CIRCUIT SIZE

ASSEMBLY

MOUNTING OPTION (SEE NOTE 6.)

PLATING (SEE NOTE 2.)

HOUSING MAT'L. (SEE NOTE 1.)

PACKAGING (SEE NOTE 4.)

CIRCUIT SIZE	DIM. "A"	DIM. "B"
6	.54 (13.8)	.33 (8.4)
8	.71 (18.0)	.50 (12.6)
10	.87 (22.2)	.66 (16.8)
12	1.04 (26.4)	.83 (21.0)
14	1.20 (30.6)	.99 (25.2)
16	1.37 (34.8)	1.16 (29.4)
18	1.54 (39.0)	1.32 (33.6)
20	1.70 (43.2)	1.49 (37.8)
22	1.87 (47.4)	1.65 (42.0)
24	2.03 (51.6)	1.82 (46.2)

5569 - *A2* - *

5569 - 04A2* - *

5569 - 02A2* - *

NOTES:

1) MATERIAL:

HOUSING:

225 = UNFILLED NYLON, UL94V-0, IEC 60335-1, 4TH EDITION GLOW WIRE CAPABLE, COLOR - BLACK.

TERMINAL:

BRASS ALLOY

2) FINISH (PLATING):

GS = .000030/(0.00076) MIN. SELECT GOLD OVER .000100/(0.00254) MIN. SELECT MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL

MS = .000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL

3) PRODUCT SPECIFICATION: PS-5556-001

4) PACKAGING:

"BLANK" = BULK PACKED PER PK-5569-002

"T" = TRAY PACKED PER PK-5569-003

5) PART MATES WITH MINI-FIT JR. RECEPTACLE SERIES 5557.

6) MOUNTING OPTIONS:

2 = PEG MOUNT

7) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.

8) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.

9) CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.

10) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

11) FORMING MARKS ON PINS ARE ACCEPTABLE.

5569 - *A2* - *

5569 - 04A2* - *

5569 - 02A2* - *

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

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

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

MINI-FIT JR RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS

molex

SD-5569-NA2*-225

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

12 11 10 9 8 7 6 5 4 3 2 1

13		12		11		10		9		8		7		6		5		4		3		2		1	
TOOLED		PART NO.		ENG. NO.		CKT. SIZE		MOUNTING OPTION		PLATING (SEE NOTE 2)		HOUSING MATERIAL (SEE NOTE 1)		PACKAGING											
J	YES	50-36-2375		5569-02A2MS-225		2		PEGS		TIN/NICKEL		94V-0		BULK PACKAGED PER PK-5569-002											
	YES	50-36-2306		5569-04A2MS-225		4		PEGS		TIN/NICKEL		94V-0													
	YES	50-36-2377		5569-06A2MS-225		6		PEGS		TIN/NICKEL		94V-0													
	NO	NOT ASSIGNED		5569-08A2MS-225		8		PEGS		TIN/NICKEL		94V-0													
I	NO	NOT ASSIGNED		5569-10A2MS-225		10		PEGS		TIN/NICKEL		94V-0													
	NO	NOT ASSIGNED		5569-12A2MS-225		12		PEGS		TIN/NICKEL		94V-0													
	YES	50-36-2298		5569-14A2MS-225		14		PEGS		TIN/NICKEL		94V-0													
	NO	NOT ASSIGNED		5569-16A2MS-225		16		PEGS		TIN/NICKEL		94V-0													
		NOT ASSIGNED		5569-18A2MS-225		18		PEGS		TIN/NICKEL		94V-0													
		NOT ASSIGNED		5569-20A2MS-225		20		PEGS		TIN/NICKEL		94V-0													
NOT ASSIGNED		5569-22A2MS-225		22		PEGS		TIN/NICKEL		94V-0															
NOT ASSIGNED		5569-24A2MS-225		24		PEGS		TIN/NICKEL		94V-0															
H	YES	NOT ASSIGNED		5569-02A2MS-225-T		2		PEGS		TIN/NICKEL		94V-0		TRAY PACKAGED PER PK-5569-003											
	YES	NOT ASSIGNED		5569-04A2MS-225-T		4		PEGS		TIN/NICKEL		94V-0													
	YES	NOT ASSIGNED		5569-06A2MS-225-T		6		PEGS		TIN/NICKEL		94V-0													
	YES	50-36-1744		5569-08A2MS-225-T		8		PEGS		TIN/NICKEL		94V-0													
G	YES	50-36-2294		5569-10A2MS-225-T		10		PEGS		TIN/NICKEL		94V-0													
	YES	50-36-2317		5569-12A2MS-225-T		12		PEGS		TIN/NICKEL		94V-0													
	YES	NOT ASSIGNED		5569-14A2MS-225-T		14		PEGS		TIN/NICKEL		94V-0													
	NO	46999-0032		5569-16A2MS-225-T		16		PEGS		TIN/NICKEL		94V-0													
	NO	46999-0033		5569-18A2MS-225-T		18		PEGS		TIN/NICKEL		94V-0													
	NO	46999-0034		5569-20A2MS-225-T		20		PEGS		TIN/NICKEL		94V-0													
F	NO	46999-0035		5569-22A2MS-225-T		22		PEGS		TIN/NICKEL		94V-0													
	NO	46999-0036		5569-24A2MS-225-T		24		PEGS		TIN/NICKEL		94V-0													
	YES	46999-0114		5569-02A2GS-225-T		2		PEGS		GOLD/NICKEL		94V-0													
	YES	46999-0115		5569-04A2GS-225-T		4		PEGS		GOLD/NICKEL		94V-0													
	YES	46999-0116		5569-06A2GS-225-T		6		PEGS		GOLD/NICKEL		94V-0													
	YES	46999-0117		5569-08A2GS-225-T		8		PEGS		GOLD/NICKEL		94V-0													
E	NO	46999-0118		5569-10A2GS-225-T		10		PEGS		GOLD/NICKEL		94V-0													
	YES	46999-0119		5569-12A2GS-225-T		12		PEGS		GOLD/NICKEL		94V-0													
	YES	46999-0120		5569-14A2GS-225-T		14		PEGS		GOLD/NICKEL		94V-0													
	NO	46999-0121		5569-16A2GS-225-T		16		PEGS		GOLD/NICKEL		94V-0													
	NO	46999-0122		5569-18A2GS-225-T		18		PEGS		GOLD/NICKEL		94V-0													
	NO	46999-0123		5569-20A2GS-225-T		20		PEGS		GOLD/NICKEL		94V-0													
D	NO	46999-0124		5569-22A2GS-225-T		22		PEGS		GOLD/NICKEL		94V-0													
	NO	46999-0125		5569-24A2GS-225-T		24		PEGS		GOLD/NICKEL		94V-0													