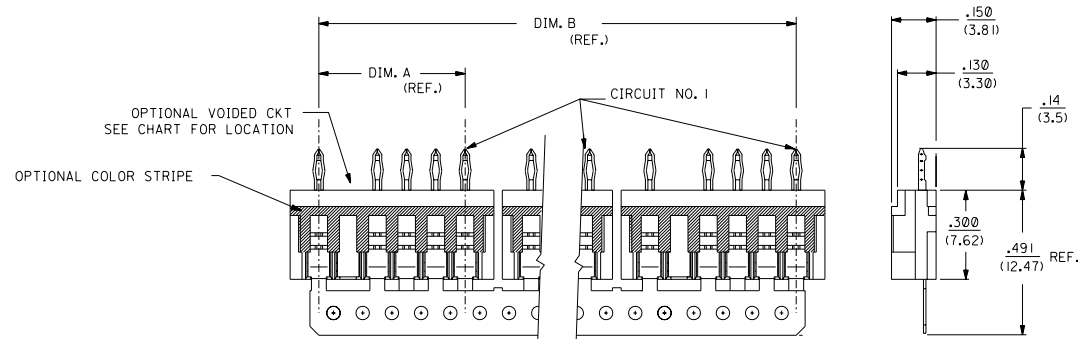
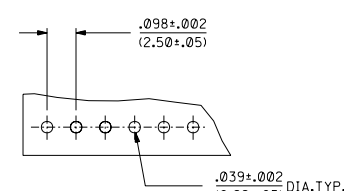


| DISCRETE CONN. CKT SIZE | NO OF CONN. IN CHAIN | DIM. A | DIM. B |
|-------------------------|----------------------|------------------|------------------|
| 2 | 10 | .098 (2.50) | 2.756 (70.00) |
| 3 | 8 | .197 (5.00) | 2.953 (75.00) |
| 4 | 6 | .295 (7.50) | 2.756 (70.00) |
| 5 | 5 | .394 (10.00) | 2.756 (70.00) |
| 6 | 4 | .492 (12.50) | 2.556 (65.00) |
| 7 | 4 | .591 (15.00) | 2.952 (75.00) |
| 8 | 3 | .689 (17.50) | 2.461 (62.50) |
| 9 | 3 | .787 (20.00) | 2.756 (70.00) |
| 10 | 2 | .886 (22.50) | 1.969 (50.00) |
| 11 | 2 | .984 (25.00) | 2.165 (55.00) |
| 12 | 2 | 1.082 (27.50) | 2.362 (60.00) |
| 13 | 2 | 1.181 (30.00) | 2.559 (65.00) |
| 14 | 2 | 1.279 (32.50) | 2.756 (70.00) |
| 15 | 2 | 1.378 (35.00) | 2.952 (75.00) |



A-42254-N-***
 NO OF CKTS | VOID LOC.
 HOUSING | COLOR STRIPE (HSNG. 42254-N ONLY)
 A= NATURAL | BLANK=NONE
 B= BLACK | R=RED
 C= BLUE
 D= RED



RECOMMENDED P.C. BOARD LAYOUT

- NOTES:
1. MATERIAL: HOUSING: POLYESTER, 7.5% GLASS FILLED, 94V-0
 2. FOR PRODUCT SPEC'S SEE P.S.42219
 3. PARTS WITH VOIDED TERMINALS MUST BE TERMINATED USING MASS TERMINATION MACHINES.
 4. PACKAGING: AMMO PACK PER PK-70873-0140
 5. FINISH: (P909) OVERALL HOT TIN DIP: .00254 MICROMETERS MIN. THE PRIMARY SHIPPING CARTON WILL BE LABELED *COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC*. CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN/LEAD PLATINGS

| | |
|---|------------------|
| J | CHG TO LEAD FREE |
| H | REV STATUS |
| G | REV. LTR. |
| F | REV. LTR. |
| E | REV. LTR. |
| D | REV. LTR. |
| C | REV. LTR. |
| B | REV. LTR. |
| A | REV. LTR. |

| | | | |
|--|--|---|--|
| DIMENSIONS SHOWN (METRIC) INCH | | REVISIONS | |
| TOLERANCES UNLESS SPECIFIED | | REVISE ONLY ON CAD SYSTEM | |
| TOLERANCES ANGULAR ± 0.2° | | TITLE | |
| D PLACE ±.010 | | 2.5MM BOARD-IN CONNECTOR ASSEMBLY | |
| F PLACE ±.014 ±0.25 | | MOLEX INCORPORATED SHEET NO. DATE | |
| H PLACE ±.036 ±0.36 | | 68532 U.S.A. 1 OF 3 02/10/89 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | PART NO. DRWG. NO. | |
| ORIG. AG DWG. BY RE | | SEE CHART SDA-42254-* | |
| APP'D. WRL SCALE 4:1 | | FILE NAME S42254X1 | |
| | | NOT DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | |

| A-42254-NA | | | | | | | | | | | | | A-42254-NA-R | | | A-42254-NB | | | A-42254-NC | | |
|-------------|----------------|----------|---------------|----------|----------|-------------|----------|----------|-------------|----------|----------|--|--------------|--|--|------------|--|--|------------|--|--|
| PART NO. | ENG. NO. | VOID CKT | PART NO. | ENG. NO. | VOID CKT | PART NO. | ENG. NO. | VOID CKT | PART NO. | ENG. NO. | VOID CKT | | | | | | | | | | |
| 22-43-2020 | A-42254-2A | | A-42254-2A-R | | | A-42254-2B | | | A-42254-2C | | | | | | | | | | | | |
| 22-43-2030 | A-42254-3A | | A-42254-3A-R | | | A-42254-3B | | | A-42254-3C | | | | | | | | | | | | |
| 22-43-2040 | A-42254-4A | | A-42254-4A-R | | | A-42254-4B | | | A-42254-4C | | | | | | | | | | | | |
| 22-43-2050 | A-42254-5A | | A-42254-5A-R | | | A-42254-5B | | | A-42254-5C | | | | | | | | | | | | |
| 22-43-2060 | A-42254-6A | | A-42254-6A-R | | | A-42254-6B | | | A-42254-6C | | | | | | | | | | | | |
| 22-43-2070 | A-42254-7A | | A-42254-7A-R | | | A-42254-7B | | | A-42254-7C | | | | | | | | | | | | |
| 22-43-2080 | A-42254-8A | | A-42254-8A-R | | | A-42254-8B | | | A-42254-8C | | | | | | | | | | | | |
| 22-43-2090 | A-42254-9A | | A-42254-9A-R | | | A-42254-9B | | | A-42254-9C | | | | | | | | | | | | |
| 22-43-2100 | A-42254-10A | | A-42254-10A-R | | | A-42254-10B | | | A-42254-10C | | | | | | | | | | | | |
| 22-43-2110 | A-42254-11A | | A-42254-11A-R | | | A-42254-11B | | | A-42254-11C | | | | | | | | | | | | |
| 22-43-2120 | A-42254-12A | | A-42254-12A-R | | | A-42254-12B | | | A-42254-12C | | | | | | | | | | | | |
| 22-43-2130 | A-42254-13A | | A-42254-13A-R | | | A-42254-13B | | | A-42254-13C | | | | | | | | | | | | |
| 22-43-2140 | A-42254-14A | | A-42254-14A-R | | | A-42254-14B | | | A-42254-14C | | | | | | | | | | | | |
| 22-43-2150 | A-42254-15A | | A-42254-15A-R | | | A-42254-15B | | | A-42254-15C | | | | | | | | | | | | |
| 22-43-2041 | A-42254-4A-2 | 2 | | | | | | | | | | | | | | | | | | | |
| 22-43-2042 | A-42254-4A-3 | 3 | | | | | | | | | | | | | | | | | | | |
| 22-43-2061 | A-42254-6A-2 | 2 | | | | | | | | | | | | | | | | | | | |
| 22-43-2062 | A-42254-6A-5 | 5 | | | | | | | | | | | | | | | | | | | |
| 22-43-2051 | A-42254-5A-4 | 4 | | | | | | | | | | | | | | | | | | | |
| | A-42254-8A-51 | 2,5,6 | | | | | | | | | | | | | | | | | | | |
| | A-42254-7A-51 | 2,5,6 | | | | | | | | | | | | | | | | | | | |
| 022-43-2071 | A-42254-07A-3 | 3 | | | | | | | | | | | | | | | | | | | |
| 022-43-2072 | A-42254-07A-52 | 3,6 | | | | | | | | | | | | | | | | | | | |
| 022-43-2073 | A-42254-07A-2 | 2 | | | | | | | | | | | | | | | | | | | |
| 022-43-2074 | A-42254-07A-6 | 6 | | | | | | | | | | | | | | | | | | | |
| 022-43-2075 | A-42254-07A-5 | 5 | | | | | | | | | | | | | | | | | | | |

42254

| | | | |
|----------------|-----------------|-----------------------|-----------------------|
| COLUMN NO. 1 | COLUMN NO. 2 | COLUMN NO. 3 | COLUMN NO. 4 |
| SEE SHEET I G7 | SEE SHEET I G6 | SEE SHEET I G5 | SEE SHEET I G4 |
| SEE SHEET I G5 | SEE SHEET I G4 | SEE SHEET I G3 | SEE SHEET I G2 |
| SEE SHEET I G4 | SEE SHEET I G3 | SEE SHEET I G2 | SEE SHEET I G1 |
| SEE SHEET I G3 | SEE SHEET I G2 | SEE SHEET I G1 | SEE SHEET I G |
| SEE SHEET I G2 | SEE SHEET I G1 | SEE SHEET I G | SEE SHEET I LTR |
| SEE SHEET I G1 | SEE SHEET I G | SEE SHEET I LTR | SEE SHEET I REVISIONS |
| SEE SHEET I G | SEE SHEET I LTR | SEE SHEET I REVISIONS | SEE SHEET I REVISIONS |

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS FOLLOWS:

| | | |
|----------|--------|------------|
| FINISH | INCH | MILLIMETER |
| F.P. MAX | ± .005 | ± .15 |
| F.P. MAX | ± .002 | ± .05 |
| F.P. MAX | ± .001 | ± .02 |

DATE: 06/11/90
DRAWN: JJS
CHECKED: JEDGLEY
SCALE: 1:1

REVISE ONLY ON CAD SYSTEM

2.5 MM BOARD-IN CONNECTOR ASSEMBLY

MOLEX INCORPORATED
PART NO. SDA-42254-
REV. 2
DATE 6/11/90

SEE CHART

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

| | | | | | | | | | | | | | | |
|---|--------------|-------------|--------------|----------|--------------|----|--------------|----------|-------|----------|----------|---|---|---|
| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 42254 | 4 | 3 | 2 | 1 | |
| | A-42254-ND | | | | | | | | | | | | | |
| J | PART NO. | ENG. NO. | | PART NO. | ENG. NO. | | PART NO. | ENG. NO. | | PART NO. | ENG. NO. | | | J |
| | | A-42254-2D | | | | | | | | | | | | |
| | | A-42254-3D | | | | | | | | | | | | |
| | | A-42254-4D | | | | | | | | | | | | |
| | | A-42254-5D | | | | | | | | | | | | |
| | | A-42254-6D | | | | | | | | | | | | |
| | | A-42254-7D | | | | | | | | | | | | |
| I | | A-42254-8D | | | | | | | | | | | | I |
| | | A-42254-9D | | | | | | | | | | | | |
| | | A-42254-10D | | | | | | | | | | | | |
| | | A-42254-11D | | | | | | | | | | | | |
| | | A-42254-12D | | | | | | | | | | | | |
| | | A-42254-13D | | | | | | | | | | | | |
| H | | A-42254-14D | | | | | | | | | | | | H |
| | | A-42254-15D | | | | | | | | | | | | |
| G | | | | | | | | | | | | | | G |
| F | | | | | | | | | | | | | | F |
| E | | | | | | | | | | | | | | E |
| D | | | | | | | | | | | | | | D |
| C | | | | | | | | | | | | | | C |
| B | COLUMN NO. 1 | -- | COLUMN NO. 2 | -- | COLUMN NO. 3 | -- | COLUMN NO. 4 | -- | | | | | | B |
| A | | | | | | | | | | | | | | A |

42254

| | | |
|--|------------------------|---|
| DIMENSIONS SHOWN UNLESS NOTED OTHERWISE UNLESS OTHERWISE SPECIFIED TOLERANCES IN MILLIMETERS | | REVISE ONLY ON CAD SYSTEM |
| P. PAGE 1 P. PAGE 2 P. PAGE 3 | LINE METRIC INCH | TITLE 2.5MM BOARD-IN CONNECTOR ASSEMBLY |
| MOLEX INCORPORATED 3675 6/8/90 | PART NO. SDA-42254 | DATE 6/8/90 |
| DRAWN BY: JMS CHECKED BY: EDGLEY SCALE: 1:1 | FILE NAME S42254X3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |