



**NOTES:**

- PIN PUSHOUT FORCE: 4 LBS. MINIMUM (IN EITHER DIRECTION)
- FOR ILLUSTRATION PURPOSES, 20 (DUAL 10) CIRCUIT SIZE IS SHOWN.
- PINS MUST MEET MOLEX SOLDERABILITY SPECIFICATION ES-152, EXCEPT VOIDS ARE PERMISSIBLE AT BANDOLIER PIN FAYING SURFACE (APPROX. .025 LONG X .006 WIDE REF.- 2 LOCATIONS).
- MEASURE POINT FOR PLATING THICKNESS.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-8624.
- PACKAGING INFORMATION: (UNLESS OTHERWISE NOTED IN TABLES) PER PACKAGING DRAWING NO. PK-70873-0353 BULK PACKAGED IN BAGS

**MATERIAL:**

WAFER - GLASS FILLED POLYESTER; UL94V-0; COLOR: BLACK  
 PIN - PHOSPHOR BRONZE

**PLATING:**

- TIN - .000150 MINIMUM TIN PLATE OVER .000050 MINIMUM NICKEL PLATE.
- 15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- D30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREAS OVER .000050 MINIMUM NICKEL PLATE OVERALL.
- 5 GOLD - .000005 MINIMUM GOLD FLASH IN SELECT AREA, .000075 MINIMUM TIN PLATE IN SELECT AREA, OVER .000050 MINIMUM NICKEL PLATE OVERALL.

\*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 LEAD.

8624

| CKT. SIZE | DIMENSION A |       | DIMENSION B |       |
|-----------|-------------|-------|-------------|-------|
|           | (MM)        | INCH  | (MM)        | INCH  |
| 4         | (2.54)      | .100  | (4.83)      | .190  |
| 6         | (5.08)      | .200  | (7.37)      | .290  |
| 8         | (7.62)      | .300  | (9.91)      | .390  |
| 10        | (10.16)     | .400  | (12.45)     | .490  |
| 12        | (12.70)     | .500  | (14.99)     | .590  |
| 14        | (15.24)     | .600  | (17.53)     | .690  |
| 16        | (17.78)     | .700  | (20.07)     | .790  |
| 18        | (20.32)     | .800  | (22.61)     | .890  |
| 20        | (22.86)     | .900  | (25.15)     | .990  |
| 22        | (25.40)     | 1.000 | (27.69)     | 1.090 |
| 24        | (27.94)     | 1.100 | (30.23)     | 1.190 |
| 26        | (30.48)     | 1.200 | (32.77)     | 1.290 |
| 28        | (33.02)     | 1.300 | (35.31)     | 1.390 |
| 30        | (35.56)     | 1.400 | (37.85)     | 1.490 |
| 32        | (38.10)     | 1.500 | (40.39)     | 1.590 |
| 34        | (40.64)     | 1.600 | (42.93)     | 1.690 |
| 36        | (43.18)     | 1.700 | (45.47)     | 1.790 |
| 38        | (45.72)     | 1.800 | (48.01)     | 1.890 |
| 40        | (48.26)     | 1.900 | (50.55)     | 1.990 |
| 42        | (50.80)     | 2.000 | (53.09)     | 2.090 |
| 44        | (53.34)     | 2.100 | (55.63)     | 2.190 |
| 46        | (55.88)     | 2.200 | (58.17)     | 2.290 |
| 48        | (58.42)     | 2.300 | (60.71)     | 2.390 |
| 50        | (60.96)     | 2.400 | (63.25)     | 2.490 |
| 52        | (63.50)     | 2.500 | (65.79)     | 2.590 |
| 54        | (66.04)     | 2.600 | (68.33)     | 2.690 |
| 56        | (68.58)     | 2.700 | (70.87)     | 2.790 |
| 58        | (71.12)     | 2.800 | (73.41)     | 2.890 |
| 60        | (73.66)     | 2.900 | (75.95)     | 2.990 |
| 62        | (76.20)     | 3.000 | (78.49)     | 3.090 |
| 64        | (78.74)     | 3.100 | (81.03)     | 3.190 |
| 66        | (81.28)     | 3.200 | (83.57)     | 3.290 |
| 68        | (83.82)     | 3.300 | (86.11)     | 3.390 |
| 70        | (86.36)     | 3.400 | (88.65)     | 3.490 |
| 72        | (88.90)     | 3.500 | (91.19)     | 3.590 |
| 74        | (91.44)     | 3.600 | (93.73)     | 3.690 |
| 76        | (93.98)     | 3.700 | (96.27)     | 3.790 |
| 78        | (96.52)     | 3.800 | (98.81)     | 3.890 |
| 80        | (99.06)     | 3.900 | (101.35)    | 3.990 |

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| 7    | P    |             |
| 6    | P    |             |
| 5    | P    |             |
| 4    | P    |             |
| 3    | P    |             |
| 2    | P    |             |
| 1    | P    |             |

SALES ASSY-DUAL ROW WAFER W/BREAK-OFF OPTION  
 .025 SQ. PINS/.100 GRID

MOLEX INCORPORATED

SEE CHARTS SDA-8624-0001-5000

DATE: 11/30/88

FILE NAME: 58624X1

DRWG. NO.: 1 OF 7

