



| 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    | LEAD FREE           |
| 6    | P    | ADD A-8624-1246     |
| 5    | P    | ECN #UCP2004-0823   |
| 4    | P    | DMORGAN 03/10/28    |
| 3    | P    | ADD A-8624-1325     |
| 2    | P    | ECN #UCP2004-0001   |
| 1    | P    | DMORGAN 03/07/17    |
|      |      | ADD 086241275 S.S   |
|      |      | ECN #UCP2003-2236   |
|      |      | DMORGAN 03/07/17    |
|      |      | ADDED TOLERANCES    |
|      |      | ECN #UDT1999-0410   |
|      |      | DMORGAN 98/12/02    |
|      |      | ADD NEW 8 CKT OPT   |
|      |      | ECN #UDT1999-0206   |
|      |      | DMORGAN 98/09/16    |
|      |      | CREATED SHEET 7     |
|      |      | ECR #080308         |
|      |      | MCGRATH 97/07/15    |
|      |      | ADD A-8624-1253     |
|      |      | ECR UT-0642         |
|      |      | MCFARLAN 97/1/3     |
|      |      | REVISED             |
|      |      | PER ECN# U70416     |
|      |      | SCARTH 96/12/04     |
|      |      | REVISED             |
|      |      | PER ECR NO U73000   |
|      |      | BARKER 10/28/96     |
|      |      | REVISED             |
|      |      | PER ECR NO U61415   |
|      |      | 05/10/96 TSE        |
|      |      | REVISED PLATE 588   |
|      |      | PER ECR NO U60307   |
|      |      | 96/02/01 BMS        |
|      |      | CHANGED PACKAGING   |
|      |      | PER ECR NO U60549   |
|      |      | 11-03-95 DB/BJS     |
|      |      | ADDED -1201/-1240   |
|      |      | PER ECR NO U60344   |
|      |      | 09/11/95            |
|      |      | ADDED EDP NO'S      |
|      |      | PER ECR # U60272    |
|      |      | 95/08/25 CAC        |
|      |      | ADDED EDP -8032     |
|      |      | PER ECR #U5132      |
|      |      | 95/06/29 CAC        |
|      |      | CHANGED PIN DIMEN   |
|      |      | PER ECR NO U50305   |
|      |      | 10-04-94 BJS        |
|      |      | ADDED -0681/-0720   |
|      |      | PER ECR NO U50188   |
|      |      | 09-09-94 BJS        |
|      |      | REVISED NOTE #6     |
|      |      | PER ECR #U40840     |
|      |      | 06/16/94 BARKER     |
|      |      | ADDED -09288-0933   |
|      |      | PER ECR #U40853     |
|      |      | 05/27/94            |
|      |      | DELETED/ADDED EDP'S |
|      |      | PER ECR # U40295    |
|      |      | 03/01/94 REED       |
|      |      | ADDED EDP NOS.      |
|      |      | PER ECR # U31521    |
|      |      | 10/15/93 REED       |
|      |      | REVISED             |
|      |      | PER ECR # U30395    |
|      |      | 05/17/93 REED       |
|      |      | RELEASED            |
|      |      | PER ECR # U30114    |
|      |      | 02/03/93 MGB        |

**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

**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.

**MATERIAL:**

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

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

DRG. NO. 6852

FILE NAME: S8624X1

SCALE: 4:1

NO DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

