



NOTES:

- 1- 20 CIRCUIT SIZE SHOWN FOR ILLUSTRATION PURPOSES.
- 2- PIN PUSHOUT FORCE: (17.79 N) ¼ LBS.
- 3- PINS MUST MEET SOLDERABILITY SPEC. MIL-STD-202 METHOD 208B.
- 4- WINDOW NOT AVAILABLE ON 6 AND 8 CIRCUIT SIZE.
- 5- FOR CHARTED DIMENSIONS AND ASSEMBLY NO.S NOT SHOWN ON THIS SHEET - SEE SHEET 2.
- 6- ROW TO ROW PIN HEIGHT VARIATION MUST NOT EXCEED (0.13) / .005 IN.
- 7- PRODUCT CONFORMS TO PS-8723.

MATERIAL:

SHROUDED WAFER: GLASS FILLED POLYESTER, 94V-0; COLOR: BLACK.
PINS: PHOSPHOR BRONZE,
SEE SHEET 2 FOR FINISHES.

ASSEMBLY STYLE "A" AND "B"

C.R.T.	DIM. "A"		DIM. "B"		DIM. "C"		DIM. "D"		DIM. "E"											
	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"															
06	(1.68) .066	(8.43) .332	(5.08) .200	(1.68) .066																
08	(1.68) .066	(10.97) .432	(7.62) .300	(1.68) .066																
10	(1.68) .066	(13.51) .532	(10.16) .400	(4.22) .166																
12	(1.68) .066	(16.05) .632	(12.70) .500	(4.22) .166																
14	(1.68) .066	(18.59) .732	(15.24) .600	(16.76) .266																
16	(1.68) .066	(21.13) .832	(17.78) .700	(16.76) .266																
18	(1.68) .066	(23.67) .932	(20.32) .800	(9.30) .366																
20	(1.68) .066	(26.21) 1.032	(22.86) .900	(1.68) .066	(19.46) .766															
22	(1.68) .066	(28.75) 1.132	(25.40) 1.000	(1.68) .066	(22.00) .866															
24	(1.68) .066	(31.29) 1.232	(27.94) 1.100	(1.68) .066	(24.54) .966															
26	(1.68) .066	(33.83) 1.332	(30.48) 1.200	(1.68) .066	(27.08) 1.066															
28	(1.68) .066	(36.37) 1.432	(33.02) 1.300	(1.68) .066	(29.62) 1.166															
30	(1.68) .066	(38.91) 1.532	(35.56) 1.400	(1.68) .066	(32.16) 1.266															
32	(1.68) .066	(41.45) 1.632	(38.10) 1.500	(1.68) .066	(34.70) 1.366															
34	(1.68) .066	(43.99) 1.732	(40.64) 1.600	(1.68) .066	(37.24) 1.466															
36	(1.68) .066	(46.53) 1.832	(43.18) 1.700	(1.68) .066	(39.78) 1.566															
38	(1.68) .066	(49.07) 1.932	(45.72) 1.800	(1.68) .066	(42.32) 1.666															
40	(1.68) .066	(51.61) 2.032	(48.26) 1.900	(1.68) .066	(44.86) 1.766															
42	(1.68) .066	(54.15) 2.132	(50.80) 2.000	(1.68) .066	(47.40) 1.866															
44	(1.68) .066	(56.69) 2.232	(53.34) 2.100	(1.68) .066	(49.94) 1.966															
46	(1.68) .066	(59.23) 2.332	(55.88) 2.200	(1.68) .066	(52.48) 2.066															
48	(1.68) .066	(61.77) 2.432	(58.42) 2.300	(1.68) .066	(55.02) 2.166															
50	(1.68) .066	(64.31) 2.532	(60.96) 2.400	(1.68) .066	(57.56) 2.266															
52	(1.68) .066	(66.85) 2.632	(63.50) 2.500	(1.68) .066	(60.10) 2.366															
54	(1.68) .066	(69.39) 2.732	(66.04) 2.600	(1.68) .066	(62.64) 2.466															
56	(1.68) .066	(71.93) 2.832	(68.58) 2.700	(1.68) .066	(65.18) 2.566															
58	(1.68) .066	(74.47) 2.932	(71.12) 2.800	(1.68) .066	(67.72) 2.666															
60	(1.68) .066	(77.01) 3.032	(73.66) 2.900	(1.68) .066	(70.26) 2.766															
62	(1.68) .066	(79.55) 3.132	(76.20) 3.000	(1.68) .066	(72.80) 2.866															
64	(1.68) .066	(82.09) 3.232	(78.74) 3.100	(1.68) .066	(75.34) 2.966															
66	(1.68) .066	(84.63) 3.332	(81.28) 3.200	(1.68) .066	(77.88) 3.066															
68	(1.68) .066	(87.17) 3.432	(83.82) 3.300	(1.68) .066	(80.42) 3.166															
70	(1.68) .066	(89.71) 3.532	(86.36) 3.400	(1.68) .066	(82.96) 3.266															
72	(1.68) .066	(92.25) 3.632	(88.90) 3.500	(1.68) .066	(85.50) 3.366															

- U ADD -3803 OPT DCP2004-2260 DMORGAN 04/05/20
- T LEAD FREE US2004-1790 R/WHITE 04/04/26
- S ADD -3802 OPTION ECR #107 0939-0145 DMORGAN 04/01/2
- R2 TAB DIF DIM 6 CIR ECR #107 0939-0145 DMORGAN 06/09/01
- R1 ADD WDG LATCH NOTE ECR #107 0938-0399 DMORGAN 06/06/23
- R ADDED SHEET 7 PER ECR NO US1008 03-23-96
- O REMOVE FDP NO.S PER ECR NO US0225 05-19-94
- P CHGD WINDOW NOTES PER ECR NO US30316 05-04-93
- S R2 O CHANGED MATERIAL PER ECR NO US0146 01-22-93
- R2 R REVISED & REDRAWN PER ECR NO US2073 05-29-92
- L NTR REVISIONS

DIMENSIONS SHOWN METRIC INCH

SCALE: 4 : 1

DATE: 92/07/17

SEE CHART SDA-8723-*****

MOLEX INCORPORATED

SALES ASSEMBLY

WAFER - STRAIGHT MT. FULLY SHROUDED

.1000 GRID - FOR USE W/ .0025 SQ. PINS

WITH .066 END WALLS

REVISIONS

Table with columns: 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 8723, 9, 8, 7, 6, 8723, 4, 3, 2, 1. Rows include: ENGINEERING PART NUMBER A-8723, RELEASE FOR MANUFACTURE, P REF., PLATING TYPE, CONNECTOR END PLATING (TYPE, J LENGTH, K MEAS.), P.C. BOARD END PLATING (TYPE, L LENGTH, M MEAS.), PACKAGING INFORMATION, and PLATING TITN specifications.

Table with columns: NO. OF CKTS, TIN, TIN, 15 GOLD, 15 GOLD, 30 GOLD, 30 GOLD, 50 GOLD, 50 GOLD. Rows contain EDP NUMBER and ENG NUMBER for various part numbers.

PLATING:
TIN .000150 MINIMUM TIN OVER
.000050 MINIMUM NICKEL PLATE.
15 GOLD .000015 MINIMUM GOLD PLATE IN SELECTED AREA
AND .000075 MINIMUM TIN IN SELECTED
AREA OVER .000050 MINIMUM NICKEL OVER-ALL.
30 GOLD .000030 MINIMUM GOLD PLATE IN SELECTED AREA
AND .000075 MINIMUM TIN IN SELECTED
AREA OVER .000050 MINIMUM NICKEL OVER-ALL.
50 GOLD .000050 MINIMUM GOLD PLATE IN SELECTED AREA
AND .000075 MINIMUM TIN IN SELECTED
AREA OVER .000050 MINIMUM NICKEL OVER-ALL.

Technical specifications and title block:
DIMENSIONS SHOWN METRIC INCH
UNLESS OTHERWISE SPECIFIED
TOLERANCES UNLESS NOTED:
P. PLACE 1
O. PLACE 2
N. PLACE 3
TITLE: SALES ASSEMBLY
WAFAER-STRAIGHT MT. FULLY SHROUDED
.100 GRID-FOR USE N/.025 SQ. PINS
WITH .066 END WALLS
MOLEX INCORPORATED SHEET NO. 6852 DATE 9/2/87/17
PART NO. SDA-8723-1
SCALE: 1:1
DATE: 9/2/87