



C.R.T.	8723				
	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	(6.76) .266	
16	(1.68) .066	(21.13) .832	(17.78) .700	(6.76) .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

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"

DIMENSIONS SHOWN METRIC INCH		REVISE ONLY ON CAD SYSTEM	
UNLESS OTHERWISE SPECIFIED		SALES ASSEMBLY	
TITLE		WAFER - STRAIGHT MT. FULLY SHROUDED	
MATERIAL		.1000 GRID - FOR USE W/ .0025 SQ. PINS	
FINISH		WITH .066 END WALLS	
MATERIAL		MOLEX INCORPORATED	
DATE		1 OF 7 92/07/17	
PART NO.		SDA-8723	
SEE CHART		SDA-8723	
SCALE		4 : 1	

- U ADD -3803 OPT
DCP2004-2268
DMORGAN 04/05/20
- T LEAD FREE
USP2004-1770
RW WHITE 04/04/26
- S ADD -3802 OPTION
ECN #10P2004-1052
DMORGAN 04/01/2
- R2 TAB DIF DIM 6 CIR
ECN #10T1999-0145
DMORGAN 56/09/01
- R1 ADD WDG LATCH NOTE
ECN #10T1998-0399
DMORGAN 56/06/23
- R ADDED SHEET 7
- O REMOVE FDP NO.S
PER ECR NO US8225
05-04-93
- P CHGD WINDOW NOTES
PER ECR NO US30316
05-04-93
- O CHANGED MATERIAL
PER ECR NO US3046
01-22-93
- R2 REVISED A REDRAWN
PER ECR NO US2073
05-29-92
- LTR REVISIONS

20	19	18	17	16	15	14	13	12	11	8723	9	8	7	6	8723	4	3	2	1
ENGINEERING PART NUMBER A-8723-	RELEASE FOR MANUFACTURE	P REF.	PLATING TYPE	CONNECTOR END PLATING			P.C. BOARD END PLATING			PACKAGING INFORMATION PK-70873-	PLATING: TIN 15 GOLD 30 GOLD 50 GOLD								
				TYPE	J LENGTH	K MEAS.	TYPE	L LENGTH	M MEAS.										
06A164 / 72A164	RFM	(3.30) .130	TIN	TIN	-----	(2.54) .100	TIN	-----	(1.27) .050	0018	.000150 MINIMUM TIN OVER .000050 MINIMUM NICKEL PLATE.								
06B164 / 72B164	RFM	(5.08) .200	TIN	TIN	-----	(2.54) .100	TIN	-----	(1.27) .050	0018	.000015 MINIMUM GOLD PLATE IN SELECTED AREA AND .000075 MINIMUM TIN IN SELECTED AREA OVER .000050 MINIMUM NICKEL OVER-ALL.								
06A571 / 72A571	RFM	(3.30) .130	15 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018	.000030 MINIMUM GOLD PLATE IN SELECTED AREA AND .000075 MINIMUM TIN IN SELECTED AREA OVER .000050 MINIMUM NICKEL OVER-ALL.								
06B571 / 72B571	RFM	(5.08) .200	15 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018	.000050 MINIMUM GOLD PLATE IN SELECTED AREA AND .000075 MINIMUM TIN IN SELECTED AREA OVER .000050 MINIMUM NICKEL OVER-ALL.								
06A574 / 72A574	RFM	(3.30) .130	30 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018									
06B574 / 72B574	RFM	(5.08) .200	30 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018									
06A596 / 72A596	RFM	(3.30) .130	50 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018									
06B596 / 72B596	RFM	(5.08) .200	50 GOLD	GOLD	(5.08) .200	(2.54) .100	TIN	(2.54) .100	(1.27) .050	0018									

NO. OF CKTS	TIN		TIN		15 GOLD		15 GOLD		30 GOLD		30 GOLD		50 GOLD		50 GOLD	
	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER	EDP NUMBER	ENG NUMBER
06	15-42-6006	A-8723-06A164	15-42-6106	A-8723-06B164	15-29-6006	A-8723-06A571	15-29-6106	A-8723-06B571	15-41-7006	A-8723-06A574	15-41-7106	A-8723-06B574	15-42-6056	A-8723-06A596	15-42-6156	A-8723-06B596
08	15-42-6008	A-8723-08A164	15-42-6108	A-8723-08B164	15-29-6008	A-8723-08A571	15-29-6108	A-8723-08B571	15-41-7008	A-8723-08A574	15-41-7108	A-8723-08B574	15-42-6058	A-8723-08A596	15-42-6158	A-8723-08B596
10	15-42-6010	A-8723-10A164	15-42-6110	A-8723-10B164	15-29-6010	A-8723-10A571	15-29-6110	A-8723-10B571	15-41-7010	A-8723-10A574	15-41-7110	A-8723-10B574	15-42-6060	A-8723-10A596	15-42-6160	A-8723-10B596
12	15-42-6012	A-8723-12A164	15-42-6112	A-8723-12B164	15-29-6012	A-8723-12A571	15-29-6112	A-8723-12B571	15-41-7012	A-8723-12A574	15-41-7112	A-8723-12B574	15-42-6062	A-8723-12A596	15-42-6162	A-8723-12B596
14	15-42-6014	A-8723-14A164	15-42-6114	A-8723-14B164	15-29-6014	A-8723-14A571	15-29-6114	A-8723-14B571	15-41-7014	A-8723-14A574	15-41-7114	A-8723-14B574	15-42-6064	A-8723-14A596	15-42-6164	A-8723-14B596
16	15-42-6016	A-8723-16A164	15-42-6116	A-8723-16B164	15-29-6016	A-8723-16A571	15-29-6116	A-8723-16B571	15-41-7016	A-8723-16A574	15-41-7116	A-8723-16B574	15-42-6066	A-8723-16A596	15-42-6166	A-8723-16B596
18	15-42-6018	A-8723-18A164	15-42-6118	A-8723-18B164	15-29-6018	A-8723-18A571	15-29-6118	A-8723-18B571	15-41-7018	A-8723-18A574	15-41-7118	A-8723-18B574	15-42-6068	A-8723-18A596	15-42-6168	A-8723-18B596
20	15-42-6020	A-8723-20A164	15-42-6120	A-8723-20B164	15-29-6020	A-8723-20A571	15-29-6120	A-8723-20B571	15-41-7020	A-8723-20A574	15-41-7120	A-8723-20B574	15-42-6070	A-8723-20A596	15-42-6170	A-8723-20B596
22	15-42-6022	A-8723-22A164	15-42-6122	A-8723-22B164	15-29-6022	A-8723-22A571	15-29-6122	A-8723-22B571	15-41-7022	A-8723-22A574	15-41-7122	A-8723-22B574	15-42-6072	A-8723-22A596	15-42-6172	A-8723-22B596
24	15-42-6024	A-8723-24A164	15-42-6124	A-8723-24B164	15-29-6024	A-8723-24A571	15-29-6124	A-8723-24B571	15-41-7024	A-8723-24A574	15-41-7124	A-8723-24B574	15-42-6074	A-8723-24A596	15-42-6174	A-8723-24B596
26	15-42-6026	A-8723-26A164	15-42-6126	A-8723-26B164	15-29-6026	A-8723-26A571	15-29-6126	A-8723-26B571	15-41-7026	A-8723-26A574	15-41-7126	A-8723-26B574	15-42-6076	A-8723-26A596	15-42-6176	A-8723-26B596
28	15-42-6028	A-8723-28A164	15-42-6128	A-8723-28B164	15-29-6028	A-8723-28A571	15-29-6128	A-8723-28B571	15-41-7028	A-8723-28A574	15-41-7128	A-8723-28B574	15-42-6078	A-8723-28A596	15-42-6178	A-8723-28B596
30	15-42-6030	A-8723-30A164	15-42-6130	A-8723-30B164	15-29-6030	A-8723-30A571	15-29-6130	A-8723-30B571	15-41-7030	A-8723-30A574	15-41-7130	A-8723-30B574	15-42-6080	A-8723-30A596	15-42-6180	A-8723-30B596
32	15-42-6032	A-8723-32A164	15-42-6132	A-8723-32B164	15-29-6032	A-8723-32A571	15-29-6132	A-8723-32B571	15-41-7032	A-8723-32A574	15-41-7132	A-8723-32B574	15-42-6082	A-8723-32A596	15-42-6182	A-8723-32B596
34	15-42-6034	A-8723-34A164	15-42-6134	A-8723-34B164	15-29-6034	A-8723-34A571	15-29-6134	A-8723-34B571	15-41-7034	A-8723-34A574	15-41-7134	A-8723-34B574	15-42-6084	A-8723-34A596	15-42-6184	A-8723-34B596
36	15-42-6036	A-8723-36A164	15-42-6136	A-8723-36B164	15-29-6036	A-8723-36A571	15-29-6136	A-8723-36B571	15-41-7036	A-8723-36A574	15-41-7136	A-8723-36B574	15-42-6086	A-8723-36A596	15-42-6186	A-8723-36B596
38	15-42-6038	A-8723-38A164	15-42-6138	A-8723-38B164	15-29-6038	A-8723-38A571	15-29-6138	A-8723-38B571	15-41-7038	A-8723-38A574	15-41-7138	A-8723-38B574	15-42-6088	A-8723-38A596	15-42-6188	A-8723-38B596
40	15-42-6040	A-8723-40A164	15-42-6140	A-8723-40B164	15-29-6040	A-8723-40A571	15-29-6140	A-8723-40B571	15-41-7040	A-8723-40A574	15-41-7140	A-8723-40B574	15-42-6090	A-8723-40A596	15-42-6190	A-8723-40B596
42	15-42-6042	A-8723-42A164	15-42-6142	A-8723-42B164	15-29-6042	A-8723-42A571	15-29-6142	A-8723-42B571	15-41-7042	A-8723-42A574	15-41-7142	A-8723-42B574	15-42-6092	A-8723-42A596	15-42-6192	A-8723-42B596
44	15-42-6044	A-8723-44A164	15-42-6144	A-8723-44B164	15-29-6044	A-8723-44A571	15-29-6144	A-8723-44B571	15-41-7044	A-8723-44A574	15-41-7144	A-8723-44B574	15-42-6094	A-8723-44A596	15-42-6194	A-8723-44B596
46	15-42-6046	A-8723-46A164	15-42-6146	A-8723-46B164	15-29-6046	A-8723-46A571	15-29-6146	A-8723-46B571	15-41-7046	A-8723-46A574	15-41-7146	A-8723-46B574	15-42-6096	A-8723-46A596	15-42-6196	A-8723-46B596
48	15-42-6048	A-8723-48A164	15-42-6148	A-8723-48B164	15-29-6048	A-8723-48A571	15-29-6148	A-8723-48B571	15-41-7048	A-8723-48A574	15-41-7148	A-8723-48B574	15-42-6098	A-8723-48A596	15-42-6198	A-8723-48B596
50	15-42-6050	A-8723-50A164	15-42-6150	A-8723-50B164	15-29-6050	A-8723-50A571	15-29-6150	A-8723-50B571	15-41-7050	A-8723-50A574	15-41-7150	A-8723-50B574	15-42-6100	A-8723-50A596	15-42-6100	A-8723-50B596
52	15-42-6052	A-8723-52A164	15-42-6152	A-8723-52B164	15-29-6052	A-8723-52A571	15-29-6152	A-8723-52B571	15-41-7052	A-8723-52A574	15-41-7152	A-8723-52B574	15-42-6102	A-8723-52A596	15-42-6102	A-8723-52B596
54	15-42-6054	A-8723-54A164	15-42-6154	A-8723-54B164	15-29-6054	A-8723-54A571	15-29-6154	A-8723-54B571	15-41-7054	A-8723-54A574	15-41-7154	A-8723-54B574	15-42-6104	A-8723-54A596	15-42-6104	A-8723-54B596
56	15-42-6056	A-8723-56A164	15-42-6156	A-8723-56B164	15-29-6056	A-8723-56A571	15-29-6156	A-8723-56B571	15-41-7056	A-8723-56A574	15-41-7156	A-8723-56B574	15-42-6106	A-8723-56A596	15-42-6106	A-8723-56B596
58	15-42-6058	A-8723-58A164	15-42-6158	A-8723-58B164	15-29-6058	A-8723-58A571	15-29-6158	A-8723-58B571	15-41-7058	A-8723-58A574	15-41-7158	A-8723-58B574	15-42-6108	A-8723-58A596	15-42-6108	A-8723-58B596
60	15-42-6060	A-8723-60A164	15-42-6160	A-8723-60B164	15-29-6060	A-8723-60A571	15-29-6160	A-8723-60B571	15-41-7060	A-8723-60A574	15-41-7160	A-8723-60B574	15-42-6110	A-8723-60A596	15-42-6110	A-8723-60B596
62	15-42-6062	A-8723-62A164	15-42-6162	A-8723-62B164	15-29-6062	A-8723-62A571	15-29-6162	A-8723-62B571	15-41-7062	A-8723-62A574	15-41-7162	A-8723-62B574	15-42-6112	A-8723-62A596	15-42-6112	A-8723-62B596
64	15-42-6064	A-8723-64A164	15-42-6164	A-8723-64B164	15-29-6064	A-8723-64A571	15-29-6164	A-8723-64B571	15-41-7064	A-8723-64A574	15-41-7164	A-8723-64B574	15-42-6114	A-8723-64A596	15-42-6114	A-8723-64B596
66	15-42-6066	A-8723-66A164	15-42-6166	A-8723-66B164	15-29-6066	A-8723-66A571	15-29-6166	A-8723-66B571	15-41-7066	A-8723-66A574	15-41-7166	A-8723-66B574	15-42-6116	A-8723-66A596	15-42-6116	A-8723-66B596
68	15-42-6068	A-8723-68A164	15-42-6168	A-8723-68B164	15-29-6068	A-8723-68A571	15-29-6168	A-8723-68B571	15-41-7068	A-8723-68A574	15-41-7168	A-8723-68B574	15-42-6118	A-8723-68A596	15-42-6118	A-8723-68B596
70	15-42-6070	A-8723-70A164	15-42-6170	A-8723-70B164	15-29-6070	A-8723-70A571	15-29-6170	A-8723-70B571	15-41-7070	A-8723-70A574	15-41-7170	A-8723-70B574	15-42-6120	A-8723-70A596	15-42-6120	A-8723-70B596
72	15-42-6072	A-8723-72A164	15-42-6172	A-8723-72B164	15-29-6072	A-8723-72A571	15-29-6172	A-8723-72B571	15-41-7072	A-8723-72A574	15-41-7172	A-8723-72B574	15-42-6122	A-8723-72A596	15-42-6122	A-8723-72B596

DIMENSIONS SHOWN METRIC INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS SHOWN

ANGLE 1 2

ANGLE 2 3

ANGLE 3 4

DATE: 12/07/17

FILE: SDA-8723-1.dwg

SCALE: 1:1

DESIGN: RB

CHECK: RB

APPROVED: RB

REVISED: RB

DATE: 12/07/17