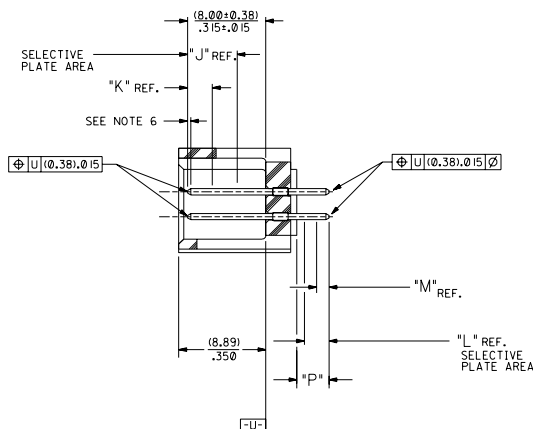


RECOMMENDED P.C. BOARD HOLE LAYOUT



SECTION J-J

NOTES:

- 1- 20 CIRCUIT SIZE SHOWN FOR ILLUSTRATION PURPOSES.
- 2- PIN PUSHOUT FORCE: (17.79 N)/4 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 (0.131)/.005 IN.
- 7- PRODUCT CONFORMS TO PS-8723.

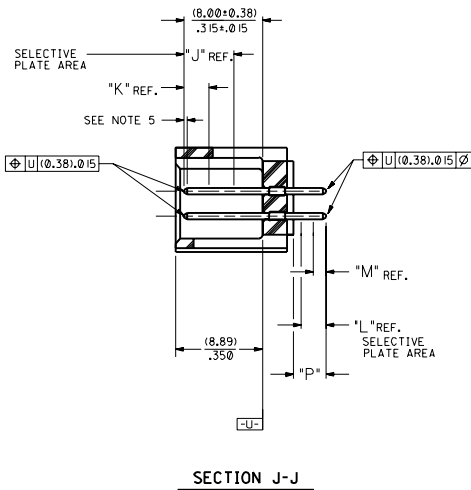
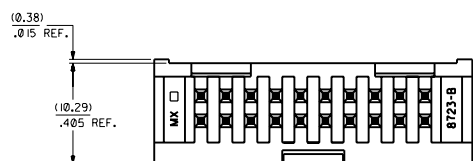
CKT.	DIM. "A"	DIM. "B"	8723		DIM. "E"					
			DIM. "C"	DIM. "D"						
06	(1.68) .066	(8.43) .332	(5.08) .200	(1.68) .066						
08	(1.68) .066	(10.97) .432	(7.62) .300	(1.68) .066						
10	(1.68) .066	(13.51) .532	(10.16) .400	(4.22) .166						
12	(1.68) .066	(16.05) .632	(12.70) .500	(4.22) .166						
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					
U									ADD - 9803 OPT UCP2004-2280 DMORGAN 04/05/20	
T									LEAD FREE UCP2004-1770 RL WHITE 04/08/26	
S									ADD - 9802 OPT/EN UCP2004-0252 DMORGAN 04/07/20	
									LEAD-FREE PPM 6.1/10	

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		MFG. QTY. REV. I.T.R.		REVISIONS	
3/4" DIA. HOLES 1/2" DIA. HOLES 1/4" DIA. HOLES 1/8" DIA. HOLES 1/16" DIA. HOLES 1/32" DIA. HOLES 1/64" DIA. HOLES 1/128" DIA. HOLES 1/256" DIA. HOLES 1/512" DIA. HOLES 1/1024" DIA. HOLES 1/2048" DIA. HOLES 1/4096" DIA. HOLES 1/8192" DIA. HOLES 1/16384" DIA. HOLES 1/32768" DIA. HOLES 1/65536" DIA. HOLES 1/131072" DIA. HOLES 1/262144" DIA. HOLES 1/524288" DIA. HOLES 1/1048576" DIA. HOLES 1/2097152" DIA. HOLES 1/4194304" DIA. HOLES 1/8388608" DIA. HOLES 1/16777216" DIA. HOLES 1/33554432" DIA. HOLES 1/67108864" DIA. HOLES 1/134217728" DIA. HOLES 1/268435456" DIA. HOLES 1/536870912" DIA. HOLES 1/1073741824" DIA. HOLES 1/2147483648" DIA. HOLES 1/4294967296" DIA. HOLES 1/8589934592" DIA. HOLES 1/17179869184" DIA. HOLES 1/34359738368" DIA. HOLES 1/68719476736" DIA. HOLES 1/137438953472" DIA. HOLES 1/274877906944" DIA. HOLES 1/549755813888" DIA. HOLES 1/1099511627776" DIA. HOLES 1/2199023255552" DIA. HOLES 1/4398046511104" DIA. HOLES 1/8796093022208" DIA. HOLES 1/17592186044416" DIA. HOLES 1/35184372088832" DIA. HOLES 1/70368744177664" DIA. HOLES 1/140737488355328" DIA. HOLES 1/281474976710656" DIA. HOLES 1/562949953421312" DIA. HOLES 1/1125899906842624" DIA. HOLES 1/2251799813685248" DIA. HOLES 1/4503599627370496" DIA. HOLES 1/9007199254740992" DIA. HOLES 1/18014398509481984" DIA. HOLES 1/36028797018963968" DIA. HOLES 1/72057594037927936" DIA. HOLES 1/144115188075855872" DIA. HOLES 1/288230376151711744" DIA. HOLES 1/576460752303423488" DIA. HOLES 1/1152921504606846976" DIA. HOLES 1/2305843009213693952" DIA. HOLES 1/4611686018427387904" DIA. HOLES 1/9223372036854775808" DIA. HOLES 1/18446744073709551616" DIA. HOLES 1/36893488147419103232" DIA. HOLES 1/73786976294838206464" DIA. HOLES 1/147573952589676412928" DIA. HOLES 1/295147905179352825856" DIA. HOLES 1/590295810358705651712" DIA. HOLES 1/1180591620717411303424" DIA. HOLES 1/2361183241434822606848" DIA. HOLES 1/4722366482869645213696" DIA. HOLES 1/9444732965739290427392" DIA. HOLES 1/18889465931478580854784" DIA. HOLES 1/37778931862957161709568" DIA. HOLES 1/75557863725914323419136" DIA. HOLES 1/151115727451828646838272" DIA. HOLES 1/302231454903657293676544" DIA. HOLES 1/604462909807314587353088" DIA. HOLES 1/1208925819614629174706176" DIA. HOLES 1/2417851639229258349412352" DIA. HOLES 1/4835703278458516698824704" DIA. HOLES 1/9671406556917033397649408" DIA. HOLES 1/19342813113834066795298816" DIA. HOLES 1/38685626227668133590597632" DIA. HOLES 1/77371252455336267181195264" DIA. HOLES 1/154742504910672534362390528" DIA. HOLES 1/309485009821345068724781056" DIA. HOLES 1/618970019642690137449562112" DIA. HOLES 1/1237940039285380274899124224" DIA. HOLES 1/2475880078570760549798248448" DIA. HOLES 1/4951760157141521099596496896" DIA. HOLES 1/9903520314283042199192993792" DIA. HOLES 1/19807040628566084398385987584" DIA. HOLES 1/39614081257132168796771975168" DIA. HOLES 1/79228162514264337593543950336" DIA. HOLES 1/158456325028528675187087900672" DIA. HOLES 1/316912650057057350374175801344" DIA. HOLES 1/633825300114114700748351602688" DIA. HOLES 1/1267650600228229401496703205376" DIA. HOLES 1/2535301200456458802993406410752" DIA. HOLES 1/5070602400912917605986812821504" DIA. HOLES 1/10141204801825835211973625643008" DIA. HOLES 1/20282409603651670423947251286016" DIA. HOLES 1/40564819207303340847894502572032" DIA. HOLES 1/81129638414606681695789005144064" DIA. HOLES 1/162259276829213363291578010288128" DIA. HOLES 1/324518553658426726583156020576256" DIA. HOLES 1/649037107316853453166312041152512" DIA. HOLES 1/1298074214633706906332640822305024" DIA. HOLES 1/2596148429267413812665281644610048" DIA. HOLES 1/5192296858534827625330563289220096" DIA. HOLES 1/10384593717069655250661126578440192" DIA. HOLES 1/20769187434139310501322253156880384" DIA. HOLES 1/41538374868278621002644506313760768" DIA. HOLES 1/83076749736557242005289012627521536" DIA. HOLES 1/166153499473114484010578025255042672" DIA. HOLES 1/332306998946228968021156050510085344" DIA. HOLES 1/66461399789245793604231210102116668672" DIA. HOLES 1/132922799578491587208462420204233336" DIA. HOLES 1/265845599156983174416924840408466672" DIA. HOLES 1/531691198313966348833849680816933344" DIA. HOLES 1/1063382396627932697677699361633866688" DIA. HOLES 1/2126764793255865395355398723267733376" DIA. HOLES 1/4253529586511730790710797446535466752" DIA. HOLES 1/8507059173023461581421594893070933504" DIA. HOLES 1/17014118346046923162843189786		TITLE SALES ASSEMBLY WAFER - STRAIGHT MT. FULLY 100 GRID-FOG W/ 400 SD. PINS WITH .066 END WALLS		SHEET NO. 1 OF 7 DATE 92/07/17	
DRAWING MUST BE AVAILABLE FOR CRAFT BEFORE ANY PARTS CONNECTIONS		PART NO. 09532		CROSS REF. SDA-8723	
RB		SCALE 4:1		FILE NAME 58723A.NC	
APPROVED BY		DATE		THIS DRAWING CANNOT BE REPRODUCED WITHOUT THE PERMISSION OF THE MOLIX INC. AND SHOULD NOT BE USED WITHOUT METERING INFORMATION.	
D		D		D	



NOTES:

- MATERIAL:

ASSEMBLY STYLES "C" AND "D"

CKT.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"				
06	(3,8,1) .150	(12,70) .500	(5,08) .200	(3,8,1) .150	—				
08	(3,8,1) .150	(15,24) .600	(7,62) .300	(3,8,1) .150	—				
10	(3,8,1) .150	(17,18) .700	(10,16) .400	(6,35) .250	—				
12	(3,8,1) .150	(20,32) .800	(12,70) .500	(6,35) .250	—				
14	(3,8,1) .150	(22,86) .900	(15,24) .600	(8,89) .350	—				
16	(3,8,1) .150	(25,40) 1,000	(17,78) .700	(8,89) .350	—				
18	(3,8,1) .150	(27,94) 1,100	(20,32) .800	(11,43) .450	—				
20	(3,8,1) .150	(30,48) 1,200	(22,86) .900	(3,8,1) .150	(21,59) .850				
22	(3,8,1) .150	(33,02) 1,300	(25,40) 1,000	(3,8,1) .150	(24,13) .950				
24	(3,8,1) .150	(35,56) 1,400	(27,94) 1,100	(3,8,1) .150	(26,67) 1,050				
26	(3,8,1) .150	(38,10) 1,500	(30,48) 1,200	(3,8,1) .150	(29,21) 1,150				
28	(3,8,1) .150	(40,64) 1,600	(33,02) 1,300	(3,8,1) .150	(31,75) 1,250				
30	(3,8,1) .150	(43,18) 1,700	(35,56) 1,400	(3,8,1) .150	(34,29) 1,350				
32	(3,8,1) .150	(45,72) 1,800	(38,10) 1,500	(3,8,1) .150	(36,83) 1,450				
34	(3,8,1) .150	(48,26) 1,900	(40,64) 1,600	(3,8,1) .150	(39,37) 1,550				
36	(3,8,1) .150	(50,80) 2,000	(43,18) 1,700	(3,8,1) .150	(41,91) 1,650				
38	(3,8,1) .150	(53,34) 2,100	(45,72) 1,800	(3,8,1) .150	(44,45) 1,750				
40	(3,8,1) .150	(55,88) 2,200	(48,26) 1,900	(3,8,1) .150	(46,99) 1,850				
42	(3,8,1) .150	(58,42) 2,300	(50,80) 2,000	(3,8,1) .150	(49,53) 1,950				
44	(3,8,1) .150	(60,96) 2,400	(53,34) 2,100	(3,8,1) .150	(52,07) 2,050				
46	(3,8,1) .150	(63,50) 2,500	(55,88) 2,200	(3,8,1) .150	(54,61) 2,150				
48	(3,8,1) .150	(66,04) 2,600	(58,42) 2,300	(3,8,1) .150	(57,15) 2,250				
50	(3,8,1) .150	(68,58) 2,700	(60,96) 2,400	(3,8,1) .150	(59,69) 2,350				
52	(3,8,1) .150	(71,12) 2,800	(63,50) 2,500	(3,8,1) .150	(62,23) 2,450				
54	(3,8,1) .150	(73,66) 2,900	(66,04) 2,600	(3,8,1) .150	(64,77) 2,550				
56	(3,8,1) .150	(76,20) 3,000	(68,58) 2,700	(3,8,1) .150	(67,31) 2,650				
58	(3,8,1) .150	(78,74) 3,100	(71,12) 2,800	(3,8,1) .150	(69,85) 2,750				
60	(3,8,1) .150	(81,28) 3,200	(73,66) 2,900	(3,8,1) .150	(72,39) 2,850				
62	(3,8,1) .150	(83,82) 3,300	(76,20) 3,000	(3,8,1) .150	(74,93) 2,950				
64	(3,8,1) .150	(86,36) 3,400	(78,74) 3,100	(3,8,1) .150	(77,47) 3,050				
66	(3,8,1) .150	(88,90) 3,500	(81,28) 3,200	(3,8,1) .150	(80,01) 3,150				
68	(3,8,1) .150	(91,44) 3,600	(83,82) 3,300	(3,8,1) .150	(82,55) 3,250				
70	(3,8,1) .150	(93,98) 3,700	(86,36) 3,400	(3,8,1) .150	(85,09) 3,350				
72	(3,8,1) .150	(96,52) 3,800	(88,90) 3,500	(3,8,1) .150	(87,63) 3,450				

R2	SEE SHEET I
R	SEE SHEET I
P	SEE SHEET I
O	SEE SHEET I
N	SEE SHEET I

DIMENSIONS SHOWN ARE IN FEET INCH		MFG. SHA. REV. LTR. REVISIONS	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND DECIMALS THEREOF		REV. 01 ON CAD SYSTEM	
INCH METRIC		TITLE	
1/8" = .005		SALES ASSEMBLY	
1/16" = .0031		WAFFER-STRAIGHT M.T. FULLY SHROUDED	
1/32" = .0016		.100 GRID-FOUR USE W. #25, SQ. PINS	
1/64" = .0008		1/8" = .005	
1/128" = .0004		1/16" = .0031	
1/256" = .0002		1/32" = .0016	
1/512" = .0001		1/64" = .0008	
1/1024" = .00005		1/128" = .0004	
1/2048" = .000025		1/256" = .0002	
1/4096" = .0000125		1/512" = .0001	
1/8192" = .00000625		1/1024" = .00005	
1/16384" = .000003125		1/2048" = .000025	
1/32768" = .0000015625		1/4096" = .0000125	
1/65536" = .00000078125		1/8192" = .00000625	
1/131072" = .000000390625		1/16384" = .000003125	
1/262144" = .0000001953125		1/32768" = .0000015625	
1/524288" = .00000009765625		1/65536" = .00000078125	
1/1048576" = .000000048828125		1/131072" = .000000390625	
1/2097152" = .0000000244140625		1/262144" = .0000001953125	
1/4194304" = .00000001220703125		1/524288" = .00000009765625	
1/8388608" = .000000006103515625		1/1048576" = .000000048828125	
1/16777216" = .0000000030517578125		1/2097152" = .0000000244140625	
1/33554432" = .00000000152587890625		1/4194304" = .00000001220703125	
1/67108864" = .000000000762939453125		1/8388608" = .000000006103515625	
1/134217728" = .0000000003814697265625		1/16777216" = .0000000030517578125	
1/268435456" = .00000000019073486328125		1/33554432" = .00000000152587890625	
1/536870912" = .000000000095367431640625		1/67108864" = .000000000762939453125	
1/1073741824" = .0000000000476837158203125		1/134217728" = .0000000003814697265625	
1/2147483648" = .00000000002384185791015625		1/268435456" = .00000000019073486328125	
1/4294967296" = .000000000011920928955078125		1/536870912" = .000000000095367431640625	
1/8589934592" = .0000000000059604644775390625		1/1073741824" = .0000000000476837158203125	
1/17179869184" = .00000000000298023223876953125		1/2147483648" = .00000000002384185791015625	
1/34359738368" = .000000000001490116119384765625		1/4294967296" = .000000000011920928955078125	
1/68719476736" = .0000000000007450580596923828125		1/8589934592" = .0000000000059604644775390625	
1/137438953472" = .00000000000037252902984619140625		1/17179869184" = .00000000000298023223876953125	
1/274877906944" = .000000000000186264514923095703125		1/34359738368" = .000000000001490116119384765625	
1/549755813888" = .000000000000093132257461547875		1/68719476736" = .0000000000007450580596923828125	
1/1099511627776" = .0000000000000465661287307739375		1/137438953472" = .00000000000037252902984619140625	
1/2199023255552" = .00000000000002328306436538696875		1/274877906944" = .000000000000186264514923095703125	
1/4398046511104" = .000000000000011641532182693484375		1/549755813888" = .000000000000093132257461547875	
1/8796093022208" = .0000000000000058207660913467421875		1/1099511627776" = .0000000000000465661287307739375	
1/17592186044416" = .00000000000000291038304567312109375		1/2199023255552" = .00000000000002328306436538696875	
1/35184372088832" = .000000000000001455191522836560546875		1/4398046511104" = .000000000000011641532182693484375	
1/70368744177664" = .0000000000000007275957614182802734375		1/8796093022208" = .0000000000000058207660913467421875	
1/140737488355328" = .00000000000000036379788070914013671875		1/17592186044416" = .00000000000000291038304567312109375	
1/281474976710			

