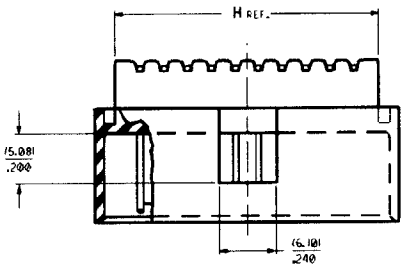
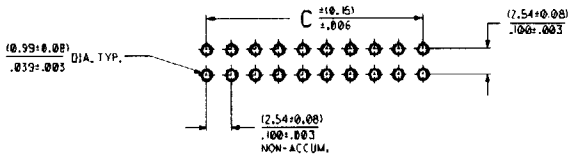
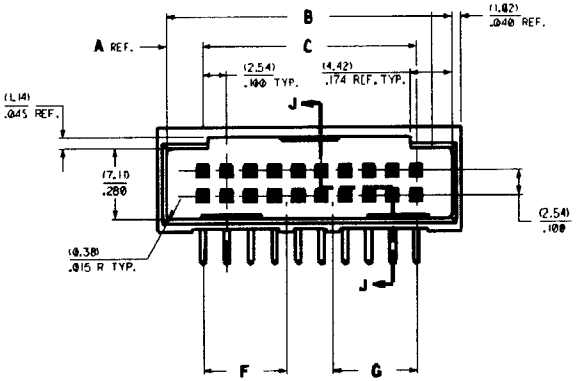
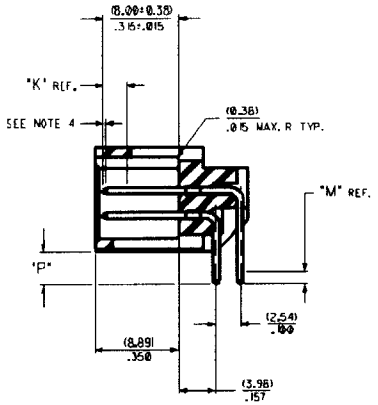
To: 6037912594 From: 10/18/00 11:21 AM Page 15 of 26



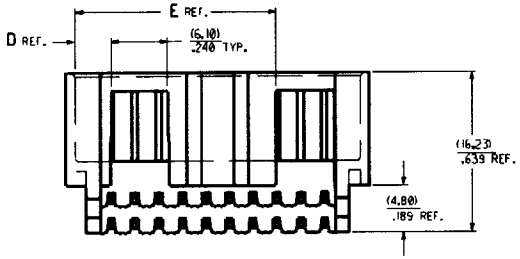


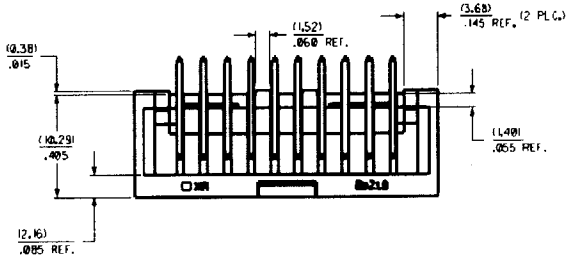
RECOMMENDED P.C. BOARD HOLE LAYOUT





SECTION J-J





CKT.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"	DIM. "G"	DIM. "H"
06	(3.81) .150	(12.70) .500	(5.08) .200	(3.81) .150	———	———	———	(10.46) .412
08	(3.81) .150	(15.24) .600	(7.62) .300	(3.81) .150	———	———	———	(13.00) .512
10	(3.81) .150	(17.78) .700	(10.16) .400	(6.35) .250	———	———	———	(15.54) .612
12	(3.81) .150	(20.32) .800	(12.70) .500	(6.35) .250	———	———	———	(18.08) .712
14	(3.81) .150	(22.86) .900	(15.24) .600	(8.89) .350	———	———	———	(20.62) .812
16	(3.81) .150	(25.40) 1.000	(17.78) .700	(8.89) .350	———	———	———	(23.16) .912
18	(3.81) .150	(27.94) 1.100	(20.32) .800	(11.43) .450	———	———	———	(25.70) 1.012
20	(3.81) .150	(30.48) 1.200	(22.86) .900	(3.81) .150	(21.59) .850	———	———	(28.24) 1.112
22	(3.81) .150	(33.02) 1.300	(25.40) 1.000	(3.81) .150	(24.13) .950	———	———	(30.78) 1.212
24	(3.81) .150	(35.56) 1.400	(27.94) 1.100	(3.81) .150	(26.67) 1.050	(16.64) .655	———	(33.32) 1.312
26	(3.81) .150	(38.10) 1.500	(30.48) 1.200	(3.81) .150	(29.21) 1.150	(16.64) .655	———	(35.86) 1.412
28	(3.81) .150	(40.64) 1.600	(33.02) 1.300	(3.81) .150	(31.75) 1.250	(16.64) .655	———	(38.40) 1.512
30	(3.81) .150	(43.18) 1.700	(35.56) 1.400	(3.81) .150	(34.29) 1.350	(16.64) .655	———	(40.94) 1.612
32	(3.81) .150	(45.72) 1.800	(38.10) 1.500	(3.81) .150	(36.83) 1.450	(16.64) .655	———	(43.48) 1.712
34	(3.81) .150	(48.26) 1.900	(40.64) 1.600	(3.81) .150	(39.37) 1.550	(16.64) .655	(16.76) .660	(46.02) 1.812
36	(3.81) .150	(50.80) 2.000	(43.18) 1.700	(3.81) .150	(41.91) 1.650	(16.64) .655	(16.76) .660	(48.56) 1.912
38	(3.81) .150	(53.34) 2.100	(45.72) 1.800	(3.81) .150	(44.45) 1.750	(16.64) .655	(16.76) .660	(51.10) 2.012
40	(3.81) .150	(55.88) 2.200	(48.26) 1.900	(3.81) .150	(46.99) 1.850	(16.64) .655	(16.76) .660	(53.64) 2.112
42	(3.81) .150	(58.42) 2.300	(50.80) 2.000	(3.81) .150	(49.53) 1.950	(16.64) .655	(16.76) .660	(56.18) 2.212
44	(3.81) .150	(60.96) 2.400	(53.34) 2.100	(3.81) .150	(52.07) 2.050	(19.05) .750	(16.76) .660	(58.72) 2.312
46	(3.81) .150	(63.50) 2.500	(55.88) 2.200	(3.81) .150	(54.61) 2.150	(19.05) .750	(16.76) .660	(61.26) 2.412
48	(3.81) .150	(66.04) 2.600	(58.42) 2.300	(3.81) .150	(57.15) 2.250	(19.05) .750	(16.76) .660	(63.80) 2.512
50	(3.81) .150	(68.58) 2.700	(60.96) 2.400	(3.81) .150	(59.69) 2.350	(19.05) .750	(16.76) .660	(66.34) 2.612
52	(3.81) .150	(71.12) 2.800	(63.50) 2.500	(3.81) .150	(62.23) 2.450	(19.05) .750	(16.76) .660	(68.88) 2.712
54	(3.81) .150	(73.66) 2.900	(66.04) 2.600	(3.81) .150	(64.77) 2.550	(21.59) .850	(21.84) .860	(71.42) 2.812
56	(3.81) .150	(76.20) 3.000	(68.58) 2.700	(3.81) .150	(67.31) 2.650	(21.59) .850	(21.84) .860	(73.96) 2.912
58	(3.81) .150	(78.74) 3.100	(71.12) 2.800	(3.81) .150	(69.85) 2.750	(27.80) 1.095	(26.92) 1.060	(76.50) 3.012
60	(3.81) .150	(81.28) 3.200	(73.66) 2.900	(3.81) .150	(72.39) 2.850	(27.80) 1.095	(26.92) 1.060	(79.04) 3.112
62	(3.81) .150	(83.82) 3.300	(76.20) 3.000	(3.81) .150	(74.93) 2.950	(27.80) 1.095	(26.92) 1.060	(81.58) 3.212
64	(3.81) .150	(86.36) 3.400	(78.74) 3.100	(3.81) .150	(77.47) 3.050	(27.80) 1.095	(26.92) 1.060	(84.12) 3.312
66	(3.81) .150	(88.90) 3.500	(81.28) 3.200	(3.81) .150	(80.01) 3.150	(27.80) 1.095	(26.92) 1.060	(86.66) 3.412
68	(3.81) .150	(91.44) 3.600	(83.82) 3.300	(3.81) .150	(82.55) 3.250	(27.80) 1.095	(26.92) 1.060	(89.20) 3.512
70	(3.81) .150	(93.98) 3.700	(86.36) 3.400	(3.81) .150	(85.09) 3.350	(27.80) 1.095	(26.92) 1.060	(91.74) 3.612
72	(3.81) .150	(96.52) 3.800	(88.90) 3.500	(3.81) .150	(87.63) 3.450	(27.80) 1.095	(26.92) 1.060	(94.28) 3.712

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- ROW TO ROW PIN HEIGHT VARIATION MUST NOT EXCEED (0.13)/.005 IN.
5- FOR CHARTED DIMENSIONS AND ASSEMBLY NO.S NOT SHOWN ON THIS SHEET - SEE SHEET 2.

MATERIAL:

SHROUDED WAFER: 30% G.F. NYLON, COLOR: BLACK, 94V-0.
PINS: PHOS. BRONZE, SEE SHEET 2 FOR FINISHES.

STYLE "B"

REV.	REVISIONS
K	REVISED PINS PER ECR LM0 LM73 SCARTH 97/02/28
J1	ADDED .0859/.1082 PER ECR LM0 LM73 98-08-04 BJS
J	MS4 PLTG WAS G2 PER ECR - US5602 10/97/05 RCD
H	REDRAWN ON CAD PER LM0974 92/06/26 RB

REVISED ONLY ON CAD SYSTEM

SALES ASSEMBLY
WAFER- RIGHT ANGLE FULLY SHROUDED .100 GRID-FOR USE W/.025 SQ./RD. PINS WITH .150 END WALLS

MOLEX INCORPORATED, LISLE, ILLINOIS 60532 U.S.A.

SEE CHART

SDA-70242-xxxx

SHEET NO. 1 OF 4 — DATE 92/06/26

DRN RB — CHK DJB — ENGR DJB — APVD — DWG. NO. DA-D

NO P.S.

MOLES01872

ENGINEERING PART NUMBER A-70242-	RELEASE FOR MANUFACTURE	P REF.		PLATE TYPE	CONNECTOR END PLATING TYPE		K MEAS.	P.C. BOARD END PLATING TYPE		M MEAS.	PACKAGING INFORMATION PK-70073-
-0001/-0034	RFM	(3.43) .135		571	GOLD		(2.54) .100	TIN/LEAD		(2.54) .100	0019
-0069/-0182	RFM	(3.43) .135		574	GOLD		(2.54) .100	TIN/LEAD		(2.54) .100	0019

PLATING:

(164) .000150 MIN. TIN/LEAD PLATE

(571) .000015 MIN. GOLD PLATE IN SELECTED AREA, .000075 MIN. TIN/LEAD PLATE IN SELECTED AREA

(574) .000030 MIN. GOLD PLATE IN SELECTED AREA, .000075 MIN. TIN/LEAD PLATE IN SELECTED AREA

NO. OF CKTS	571 PLATING				574 PLATING													
	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	EDP NUMBER	ENG NUMBER
06	15-47-0706	A-70242-0001			15-47-5069	A-70242-0069												
08	15-47-0708	A-70242-0002			15-47-5089	A-70242-0070												
10	15-47-0710	A-70242-0003			15-47-5109	A-70242-0071												
12	15-47-0712	A-70242-0004			15-47-5129	A-70242-0072												
14	15-47-0714	A-70242-0005			15-47-5149	A-70242-0073												
16	15-47-0716	A-70242-0006			15-47-5169	A-70242-0074												
18	15-47-0718	A-70242-0007			15-47-5189	A-70242-0075												
20	15-47-0720	A-70242-0008			15-47-5209	A-70242-0076												
22	15-47-0722	A-70242-0009			15-47-5229	A-70242-0077												
24	15-47-0724	A-70242-0010			15-47-5249	A-70242-0078												
26	15-47-0726	A-70242-0011			15-47-5269	A-70242-0079												
28	15-47-0728	A-70242-0012			15-47-5289	A-70242-0080												
30	15-47-0730	A-70242-0013			15-47-5309	A-70242-0081												
32	15-47-0732	A-70242-0014			15-47-5329	A-70242-0082												
34	15-47-0734	A-70242-0015			15-47-5349	A-70242-0083												
36	15-47-0736	A-70242-0016			15-47-5369	A-70242-0084												
38	15-47-0738	A-70242-0017			15-47-5389	A-70242-0085												
40	15-47-0740	A-70242-0018			15-47-5409	A-70242-0086												
42	15-47-0742	A-70242-0019			15-47-5429	A-70242-0087												
44	15-47-0744	A-70242-0020			15-47-5449	A-70242-0088												
46	15-47-0746	A-70242-0021			15-47-5469	A-70242-0089												
48	15-47-0748	A-70242-0022			15-47-5489	A-70242-0090												
50	15-47-0750	A-70242-0023			15-47-5509	A-70242-0091												
52	15-47-0752	A-70242-0024			15-47-5529	A-70242-0092												
54	15-47-0754	A-70242-0025			15-47-5549	A-70242-0093												
56	15-47-0756	A-70242-0026			15-47-5569	A-70242-0094												
58	15-47-0758	A-70242-0027			15-47-5589	A-70242-0095												
60	15-47-0760	A-70242-0028			15-47-5609	A-70242-0096												
62	15-47-0762	A-70242-0029			15-47-5629	A-70242-0097												
64	15-47-0764	A-70242-0030			15-47-5649	A-70242-0098												
66	15-47-0766	A-70242-0031			15-47-5669	A-70242-0099												
68	15-47-0768	A-70242-0032			15-47-5689	A-70242-0100												
70	15-47-0770	A-70242-0033			15-47-5709	A-70242-0101												
72	15-47-0772	A-70242-0034			15-47-5729	A-70242-0102												

LTR.	REVISIONS	LTR.	REVISIONS
		K	SEE SHEET 1
		J2	SEE SHEET 1
		J	SEE SHEET 1
		J	SEE SHEET 1

RB — DJB

SALES ASSEMBLY
WAFER-RIGHT ANGLE FULLY SHROUDED .100 GRID-FOR USE W/ .025 SQ./RD. PINS WITH .150 END WALLS

MOLEX INCORPORATED — SHEET NO. 2 — DATE 92/06/26

SEE CHART — SDA-70242-****

DOC NO. ETAT4742 — REV. DA

NO P.S.