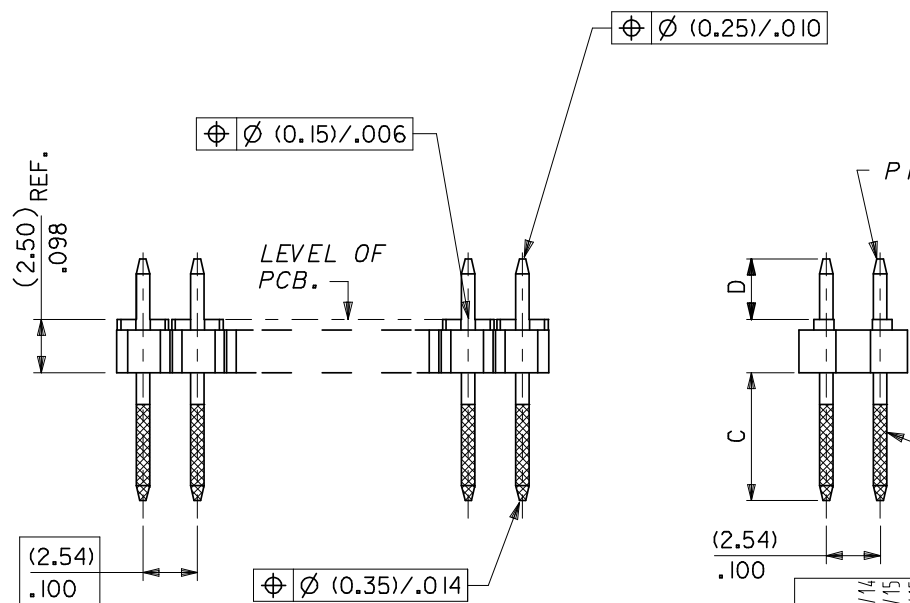


WAFER: 15% GLASS FILLED POLYESTER  
TO UL 94V-0.  
COLOUR: BLACK.



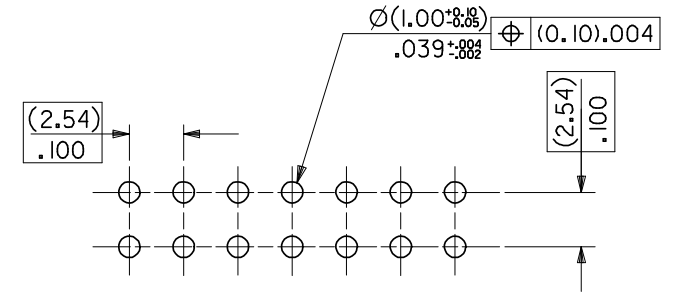
PINS: (0.635)/.025 SQ.  
BRASS WIRE.  
PLATED AS PER  
SHEETS 2 TO 6.

EXTENT OF  
GOLD PLATE

CKT SIZE	DIM." A"		DIM." B" $(+0.20)$ $-0.008$		CKT SIZE	DIM." A"		DIM." B" $(+0.20)$ $-0.008$	
2X 1			(2.54)	.100	2X21	(50.80)	2.000	(53.34)	2.100
2X 2	(2.54)	.100	(5.08)	.200	2X22	(53.34)	2.100	(55.88)	2.200
2X 3	(5.08)	.200	(7.62)	.300	2X23	(55.88)	2.200	(58.42)	2.300
2X 4	(7.62)	.300	(10.16)	.400	2X24	(58.42)	2.300	(60.96)	2.400
2X 5	(10.16)	.400	(12.70)	.500	2X25	(60.96)	2.400	(63.50)	2.500
2X 6	(12.70)	.500	(15.24)	.600	2X26	(63.50)	2.500	(66.04)	2.600
2X 7	(15.24)	.600	(17.78)	.700	2X27	(66.04)	2.600	(68.58)	2.700
2X 8	(17.78)	.700	(20.32)	.800	2X28	(68.58)	2.700	(71.12)	2.800
2X 9	(20.32)	.800	(22.86)	.900	2X29	(71.12)	2.800	(73.66)	2.900
2X10	(22.86)	.900	(25.40)	1.000	2X30	(73.66)	2.900	(76.20)	3.000
2X11	(25.40)	1.000	(27.94)	1.100	2X31	(76.20)	3.000	(78.74)	3.100
2X12	(27.94)	1.100	(30.48)	1.200	2X32	(78.74)	3.100	(81.28)	3.200
2X13	(30.48)	1.200	(33.02)	1.300	2X33	(81.28)	3.200	(83.82)	3.300
2X14	(33.02)	1.300	(35.56)	1.400	2X34	(83.82)	3.300	(86.36)	3.400
2X15	(35.56)	1.400	(38.10)	1.500	2X35	(86.36)	3.400	(88.90)	3.500
2X16	(38.10)	1.500	(40.64)	1.600	2X36	(88.90)	3.500	(91.44)	3.600
2X17	(40.64)	1.600	(43.18)	1.700	2X37	(91.44)	3.600	(93.98)	3.700
2X18	(43.18)	1.700	(45.72)	1.800	2X38	(93.98)	3.700	(96.52)	3.800
2X19	(45.72)	1.800	(48.26)	1.900	2X39	(96.52)	3.800	(99.06)	3.900
2X20	(48.26)	1.900	(50.80)	2.000	2X40	(99.06)	3.900	(101.60)	4.000

NOTES

1. FOR ASSY NUMBERS WITH FINISH OPTIONS  
AND DIM'S C & D SEE SHEETS 2 TO 7.



RECOMMENDED P.C. BOARD HOLE PATTERN

7	C
6	H
5	H
4	H
3	H
2	H
1	M

NOTES  
2. RECOMMENDED PCB THICKNESS 1.6MM  
3. PRODUCT SPECIFICATION: PS-99020-0001

ADDED NOTES
EC NO: E2008-0337
DRWN: KIERAN
CHKD:
APPR: BMAGUIRE
REV

QUALITY SYMBOLS
▲ =
▽ =
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES	±---
3 PLACES	±---
2 PLACES	±---
1 PLACE	±---
ANGULAR	±---°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
DRAWN BY	DB
DATE	16/7/87
CHECKED BY	
DATE	
APPROVED BY	
DATE	
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SDA-90131
SHEET NO.	1 OF 7

**C GRID III DUAL ROW STRAIGHT PIN HEADER**

**MOLEX INCORPORATED**

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

PART NO. SEE CHART  
 DWG. NO. SDA-90131

DIM C  
 (+0.20 / -0.008)  
 (6.75)  
 .266

DIM D  
 (+0.20 / -0.30 / +0.006 / -0.012)  
 (2.90)  
 .114

CIRCUIT SIZE	PLATING TYPE A	PLATING TYPE E	PLATING TYPE F
	PART NO.	PART NO.	PART NO.
2 X 1	90131-0121	90131-0761	90131-0921
2 X 2	▲ -0122	▲ -0762	▲ -0922
2 X 3	-0123	-0763	-0923
2 X 4	-0124	-0764	-0924
2 X 5	-0125	-0765	-0925
2 X 6	-0126	-0766	-0926
2 X 7	-0127	-0767	-0927
2 X 8	-0128	-0768	-0928
2 X 9	-0129	-0769	-0929
2 X 10	-0130	-0770	-0930
2 X 11	-0131	-0771	-0931
2 X 12	-0132	-0772	-0932
2 X 13	-0133	-0773	-0933
2 X 14	-0134	-0774	-0934
2 X 15	-0135	-0775	-0935
2 X 16	-0136	-0776	-0936
2 X 17	-0137	-0777	-0937
2 X 18	-0138	-0778	-0938
2 X 19	-0139	-0779	-0939
2 X 20	-0140	-0780	-0940
2 X 21	-0141	-0781	-0941
2 X 22	-0142	-0782	-0942
2 X 23	-0143	-0783	-0943
2 X 24	-0144	-0784	-0944
2 X 25	-0145	-0785	-0945
2 X 26	-0146	-0786	-0946
2 X 27	-0147	-0787	-0947
2 X 28	-0148	-0788	-0948
2 X 29	-0149	-0789	-0949
2 X 30	-0150	-0790	-0950
2 X 31	-0151	-0791	-0951
2 X 32	-0152	-0792	-0952
2 X 33	-0153	-0793	-0953
2 X 34	-0154	-0794	-0954
2 X 35	-0155	-0795	-0955
2 X 36	-0156	-0796	-0956
2 X 37	-0157	-0797	-0957
2 X 38	-0158	-0798	-0958
2 X 39	▼ -0159	▼ -0799	▼ -0959
2 X 40	90131-0160	90131-0800	90131-0960

NOTES:  
 FOR PLATING VARIATIONS SEE  
 ENG.STD. SDES-99000-0003.

**STANDARD PRODUCTS**

FOR PREVIOUS DRAWING ISSUES SEE MRI.  
 H SEE SHEET I.

LTR	REVISIONS	DIMENSIONS SHOWN ( METRIC ) INCH <small>UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°</small>	DRWG BY <b>DB</b>
		INCH ( METRIC )	CHK'D BY
		3 PLACE ± . --- 2 PLACE ± . --- ± --- 1 PLACE ± --- ± ---	APP'D BY
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE
	DESIGN DIMENSION (PRIMARY) <input checked="" type="checkbox"/> IN. <input type="checkbox"/> MM		
	EQUIVALENT DIMENSION (SECONDARY) <input type="checkbox"/> IN. <input checked="" type="checkbox"/> MM		

REVISE ONLY ON CAD SYSTEM		SHL	REV.
CAD/CAM FILENAME SA90131X2 DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
TITLE <b>C-GRID III DUAL ROW STRAIGHT PIN HEADER</b>			
MOLLEX MOLEX EUROPE		SHEET NO. 20F	DATE 16/ 7/87
PART NO. SEE CHART	DWG NO. SDA-90131	SIZE B	