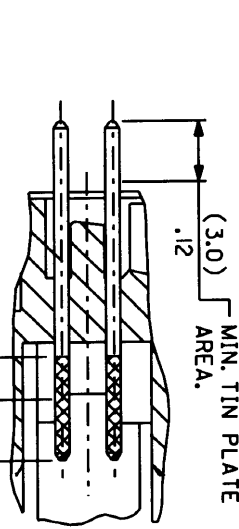
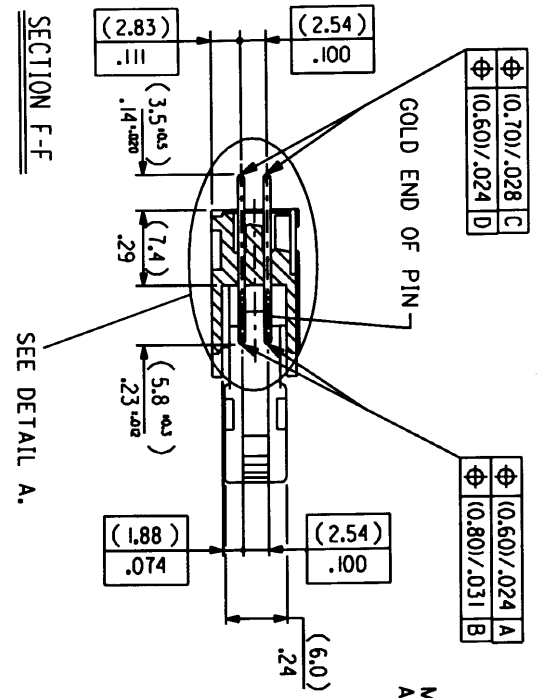
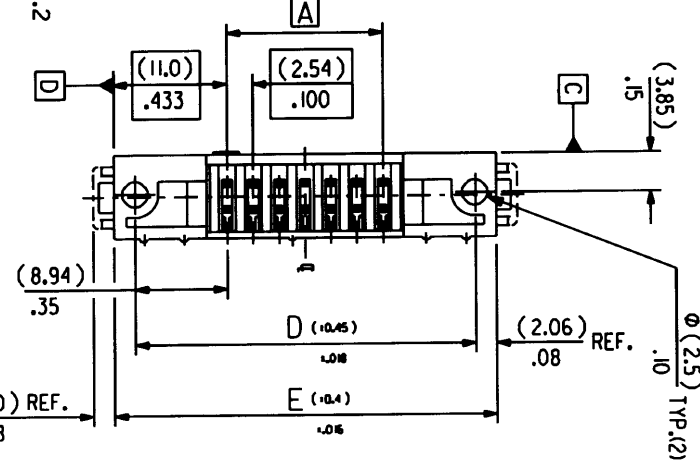
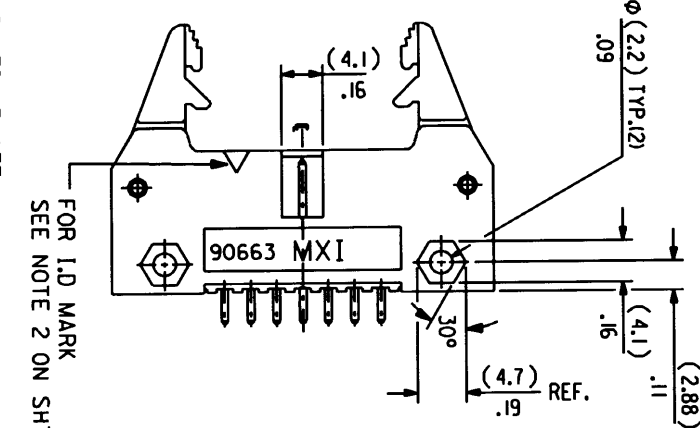
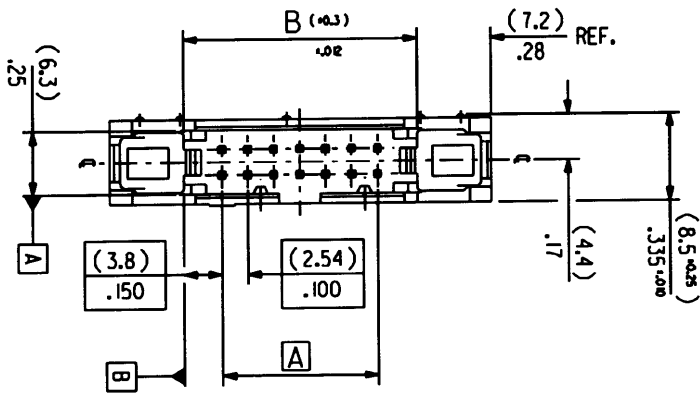
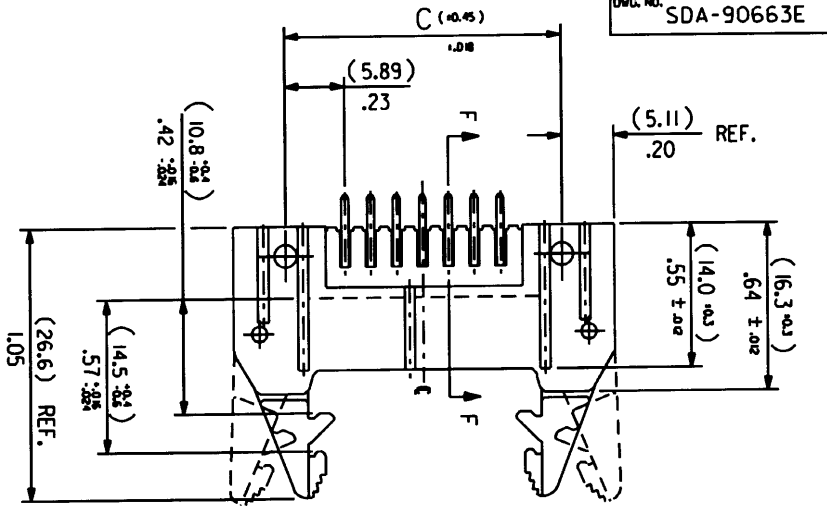


PART NO. SEE CHART
Dwg. NO. SDA-90663E



DIMENSIONS FOR SELECTIVE PLATING'S, SCALE 4:1

NOTES:
1. FOR MATERIAL SPECIFICATION SEE NOTE 1. ON SHEET 2.
2. FOR RECOMMENDED P.C.B. HOLE PATTERN, PART NO.'S AND UNSTATED DIMENSIONS SEE SHEET 2.
3. PRODUCT SPEC. NO. ES 99020-0015.

Part No 318-0049
to 318-0130

ADD OPTIONS SHT 5		EC NO. E2001-0621		DRAWN CPHEHIR 00/11/29		CHK'd		APPR'd	
D									
REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DIMENSIONS	SHT	REV
		MAJOR	MITT	2:1	mm		MITT	1	D
		CRITICAL	INCH	2:1	mm		INCH	2	C
				2:1	mm		mm	3	C
				2:1	mm		mm	4	C
				2:1	mm		mm	5	C
				2:1	mm		mm	6	B
				2:1	mm		mm	7	C
				2:1	mm		mm	8	C
				2:1	mm		mm	9	C
				2:1	mm		mm	10	C
				2:1	mm		mm	11	C
				2:1	mm		mm	12	C
				2:1	mm		mm	13	C
				2:1	mm		mm	14	C
				2:1	mm		mm	15	C
				2:1	mm		mm	16	C
				2:1	mm		mm	17	C
				2:1	mm		mm	18	C
				2:1	mm		mm	19	C
				2:1	mm		mm	20	C
				2:1	mm		mm	21	C
				2:1	mm		mm	22	C
				2:1	mm		mm	23	C
				2:1	mm		mm	24	C
				2:1	mm		mm	25	C
				2:1	mm		mm	26	C
				2:1	mm		mm	27	C
				2:1	mm		mm	28	C
				2:1	mm		mm	29	C
				2:1	mm		mm	30	C
				2:1	mm		mm	31	C
				2:1	mm		mm	32	C
				2:1	mm		mm	33	C
				2:1	mm		mm	34	C
				2:1	mm		mm	35	C
				2:1	mm		mm	36	C
				2:1	mm		mm	37	C
				2:1	mm		mm	38	C
				2:1	mm		mm	39	C
				2:1	mm		mm	40	C
				2:1	mm		mm	41	C
				2:1	mm		mm	42	C
				2:1	mm		mm	43	C
				2:1	mm		mm	44	C
				2:1	mm		mm	45	C
				2:1	mm		mm	46	C
				2:1	mm		mm	47	C
				2:1	mm		mm	48	C
				2:1	mm		mm	49	C
				2:1	mm		mm	50	C
				2:1	mm		mm	51	C
				2:1	mm		mm	52	C
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				2:1	mm		mm	58	C
				2:1	mm		mm	59	C
				2:1	mm		mm	60	C
				2:1	mm		mm	61	C
				2:1	mm		mm	62	C
				2:1	mm		mm	63	C
				2:1	mm		mm	64	C
				2:1	mm		mm	65	C
				2:1	mm		mm	66	C
				2:1	mm		mm	67	C
				2:1	mm		mm	68	C
				2:1	mm		mm	69	C
				2:1	mm		mm	70	C
				2:1	mm		mm	71	C
				2:1	mm		mm	72	C
				2:1	mm		mm	73	C
				2:1	mm		mm	74	C
				2:1	mm		mm	75	C
				2:1	mm		mm	76	C
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				2:1	mm		mm	78	C
				2:1	mm		mm	79	C
				2:1	mm		mm	80	C
				2:1	mm		mm	81	C
				2:1	mm		mm	82	C
				2:1	mm		mm	83	C
				2:1	mm		mm	84	C
				2:1	mm		mm	85	C
				2:1	mm		mm	86	C
				2:1	mm		mm	87	C
				2:1	mm		mm	88	C
				2:1	mm		mm	89	C
				2:1	mm		mm	90	C
				2:1	mm		mm	91	C
				2:1	mm		mm	92	C
				2:1	mm		mm	93	C
				2:1	mm		mm	94	C
				2:1	mm		mm	95	C
				2:1	mm		mm	96	C
				2:1	mm		mm	97	C
				2:1	mm		mm	98	C
				2:1	mm		mm	99	C
				2:1	mm		mm	100	C

SECTION F-F
SEE DETAIL A.

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
CAD FILENAME: SQ90663x1.dgn
MATERIAL NO.: MOLEX INCORPORATED
DRAWING NO.: SDA-90663E
SHEET NO.: 1 OF 6
SIZE: B

	A	B	C	D	E	ENG. NO. GSI PLATING	ENG. NO. GS2 PLATING	ENG. NO. GS3 PLATING	ENG. NO. PRE TIN	MOJ CRYS.
(78.74)/3.100	(86.34)/3.400	(90.52)/3.564	(96.62)/3.804	(100.74)/3.966	90663-1641	90663-1642	90663-1643			64
(73.66)/2.900	(81.26)/3.200	(85.44)/3.364	(91.54)/3.604	(95.66)/3.766	90663-1601	90663-1602	90663-1603			60
(60.96)/2.400	(68.56)/2.700	(72.74)/2.864	(78.84)/3.104	(82.96)/3.266	90663-1501	90663-1502	90663-1503	90663-1509		50
(48.26)/1.900	(55.86)/2.200	(60.04)/2.364	(66.14)/2.604	(70.26)/2.766	90663-1401	90663-1402	90663-1403	90663-1409		40
(40.64)/1.600	(48.24)/1.900	(52.42)/2.064	(58.52)/1.304	(62.64)/2.466	90663-1341	90663-1342	90663-1343	90663-1349		34
(35.56)/1.400	(43.16)/1.700	(47.34)/1.864	(53.44)/2.104	(57.56)/2.266	90663-1301	90663-1302	90663-1303	90663-1309		30
(30.48)/1.200	(38.08)/1.500	(42.26)/1.664	(48.36)/1.904	(52.48)/2.066	90663-1261	90663-1262	90663-1263	90663-1269		26
(22.86)/.900	(30.46)/1.200	(34.64)/1.364	(40.74)/1.604	(44.86)/1.766	90663-1201	90663-1202	90663-1203	90663-1209		20
(17.78)/.700	(25.38)/1.000	(29.56)/1.164	(35.66)/1.404	(39.78)/1.566	90663-1161	90663-1162	90663-1163	90663-1169		16
(15.24)/.600	(22.84)/.900	(27.02)/1.064	(33.12)/1.304	(37.24)/1.466	90663-1141	90663-1142	90663-1143	90663-1149		14
(10.16)/.400	(17.76)/.700	(21.94)/.864	(28.04)/1.104	(32.16)/1.266	90663-1101	90663-1102	90663-1103	90663-1109		10

1. MATERIAL

HEADER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK

LEVER • GLASS FILLED POLYESTER (111) (94V0) COLORED - BLACK
FINISH : BLACK SIZE 2 (U.S. 225) / .023 .

LEVER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK

2.COLOUR IDENTIFICATION MARK FOR PLATING OPTIONS

90663-1001, (lum)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA

631 FLA 1 ING 10.00MM/.0040 IN MIN. GOLD. SOLDER AREA 13.00MM/.180 IN MIN.
TIN CAN AND MARK: YELLOW

90663-1002.
(400)/.0394in MIN. NICKEL UNDERPLATE. CONTACT AREA

GS2 PLATING (0.76um)/.030uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN.

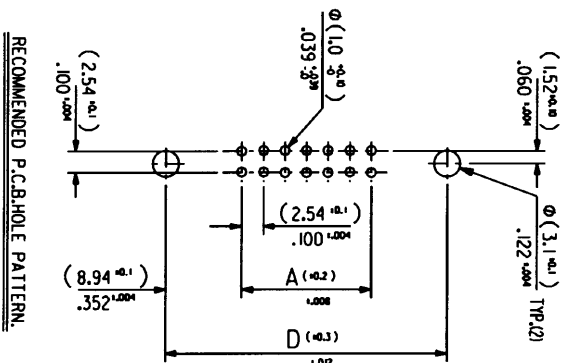
1 IN. COLOUR MARK; BROWN.

50000 1-3, MIN. NICKEL UNDER-LAYE. CUMULATIVE AREA
CS3 PLATING (0.25 mil) MIN. GOLD SOLDER AREA (3 mil) MIN.

TIN. COLOUR MARK: BLUE.

90663-1-09, (0.5-1um)/.020-.040in NICKEL UNDER (1.0-3.0um)/.039-.118in TIN

PRE-IIN COLOUR MARK: BLACK, (NU MARK)



RECOMMENDED P.C.B.HOLE PATTERN

SEE SHEET 1									
E2001-0353									
CPHEHR 00/09/29									
EC NO. CHKI APPR.									
REV DESCRIPTION									
QUALITY SYMBOLS									
MAJOR CRITICAL MINOR									
GENERAL TOLERANCES* (UNLESS SPECIFIED)									
DIM INCH									
1 PLACES ±0.000									
2 PLACES ±0.005									
3 PLACES ±0.010									
4 PLACES ±0.015									
5 PLACES ±0.020									
6 PLACES ±0.030									
7 PLACES ±0.040									
8 PLACES ±0.050									
9 PLACES ±0.060									
10 PLACES ±0.070									
11 PLACES ±0.080									
12 PLACES ±0.090									
13 PLACES ±0.100									
14 PLACES ±0.120									
15 PLACES ±0.150									
16 PLACES ±0.180									
17 PLACES ±0.200									
18 PLACES ±0.250									
19 PLACES ±0.300									
20 PLACES ±0.375									
21 PLACES ±0.450									
22 PLACES ±0.560									
23 PLACES ±0.690									
24 PLACES ±0.850									
25 PLACES ±1.000									
26 PLACES ±1.250									
27 PLACES ±1.500									
28 PLACES ±1.750									
29 PLACES ±2.000									
30 PLACES ±2.500									
31 PLACES ±3.000									
32 PLACES ±3.750									
33 PLACES ±4.500									
34 PLACES ±5.600									
35 PLACES ±6.900									
36 PLACES ±8.500									
37 PLACES ±10.000									
38 PLACES ±12.500									
39 PLACES ±15.000									
40 PLACES ±17.500									
41 PLACES ±20.000									
42 PLACES ±25.000									
43 PLACES ±30.000									
44 PLACES ±37.500									
45 PLACES ±45.000									
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