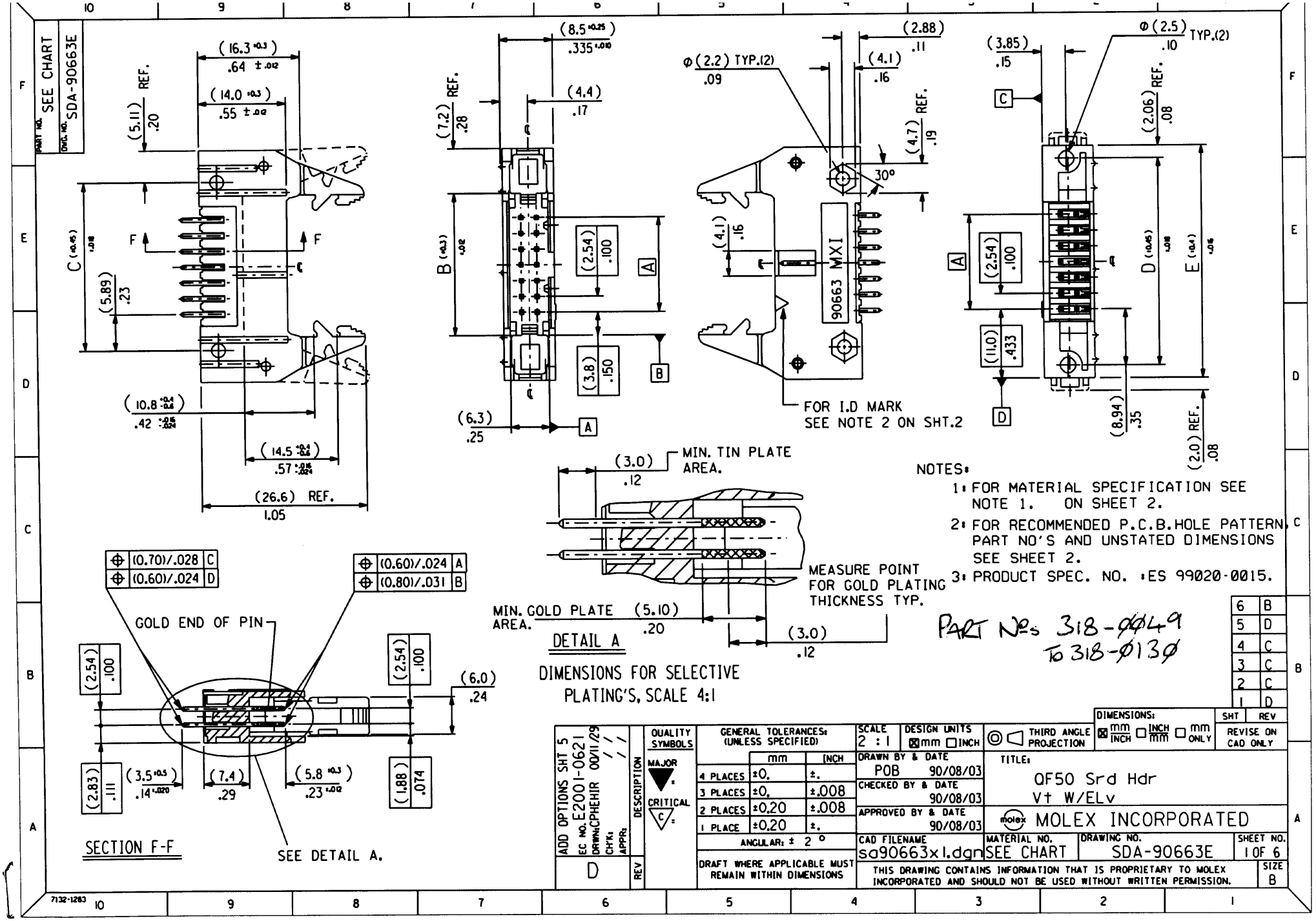

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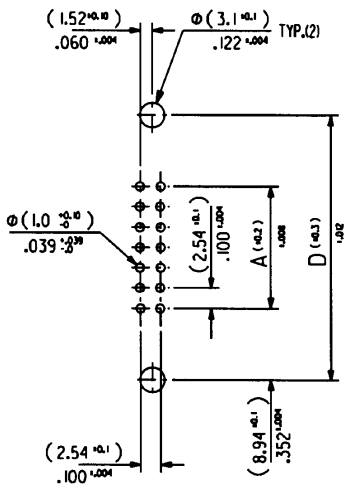
PART NO. SEE CHART
DWG. NO. SDA-90663E

A	B	C	D	E	ENG. NO. GS1 PLATING	ENG. NO. GS2 PLATING	ENG. NO. GS3 PLATING	ENG. NO. PRE TIN	NO.OF CKTS.
(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	-1601	-1602	-1603		60
(60.96)/2.400	(68.56)/2.700	(72.74)/2.864	(78.84)/3.104	(82.96)/3.266	-1501	-1502	-1503	90663-1509	50
(48.26)/1.900	(55.86)/2.200	(60.04)/2.364	(66.14)/2.604	(70.26)/2.766	-1401	-1402	-1403	-1409	40
(40.64)/1.600	(48.24)/1.900	(52.42)/2.064	(58.52)/1.304	(62.64)/2.466	-1341	-1342	-1343	-1349	34
(35.56)/1.400	(43.16)/1.700	(47.34)/1.864	(53.44)/2.104	(57.56)/2.266	-1301	-1302	-1303	-1309	30
(30.48)/1.200	(38.08)/1.500	(42.26)/1.664	(48.36)/1.904	(52.48)/2.066	-1261	-1262	-1263	-1269	26
(22.86)/.900	(30.46)/1.200	(34.64)/1.364	(40.74)/1.604	(44.86)/1.766	-1201	-1202	-1203	-1209	20
(17.78)/.700	(25.38)/1.000	(29.56)/1.164	(35.66)/1.404	(39.78)/1.566	-1161	-1162	-1163	-1169	16
(15.24)/.600	(22.84)/.900	(27.02)/1.064	(33.12)/1.304	(37.24)/1.466	-1141	-1142	-1143	-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



RECOMMENDED P.C.B.HOLE PATTERN.

NOTES

1.MATERIAL
HEADER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK.
PINS : BRASS SIZE □ (0.635)/.025 .
LEVER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK.

2.COLOUR IDENTIFICATION MARK FOR PLATING OPTIONS.
90663-1••1, GS1 PLATING (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA (0.1um)/.004uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN. TIN. COLOUR MARK: YELLOW.
90663-1••2, GS2 PLATING (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA (0.76um)/.030uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN. TIN. COLOUR MARK: BROWN.
90663-1••3, GS3 PLATING (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA (0.25um)/.010uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN. TIN. COLOUR MARK: BLUE.
90663-1••9, PRE-TIN (0.5-1um)/.020-.040uin NICKEL UNDER (1.0-3.0um)/.039-.118uin TIN. COLOUR MARK: BLACK, (NO MARK).

SEE SHEET 1
EC NO. E2001-0353
DRAWN: CPHEIR 000929
CHK'D: / /
APPR'D: / /
DESCRIPTION
REV C

QUALITY SYMBOLS
MAJOR
CRITICAL

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.008
2 PLACES	±0.20	±.008
1 PLACE	±0.20	±.
ANGULAR: ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 2 : 1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☒ mm/INCH ☐ INCH/mm ☐ mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE POB 90/11/07
CHECKED BY & DATE 90/11/07
APPROVED BY & DATE 90/11/07

TITLE: QF50 Srd Hdr Vt W/ELv

MOLEX INCORPORATED

CAD FILENAME sa90663x2.dgn
MATERIAL NO. SEE CHART
DRAWING NO. SDA-90663E
SHEET NO. 2 OF
SIZE B

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