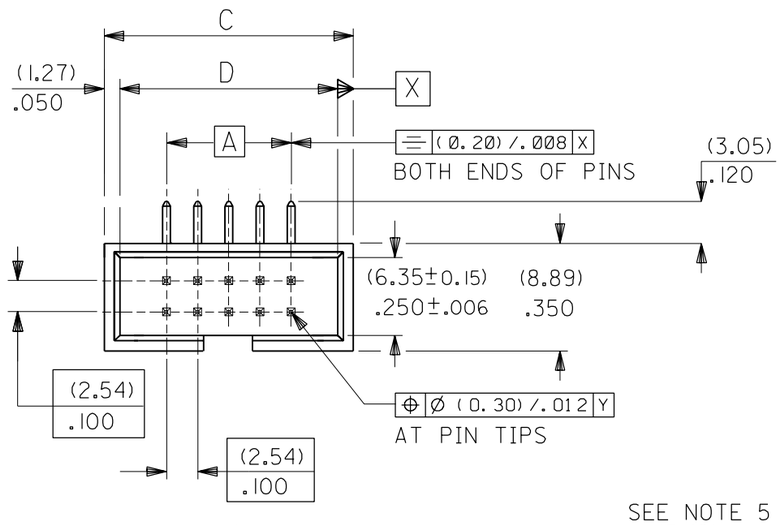
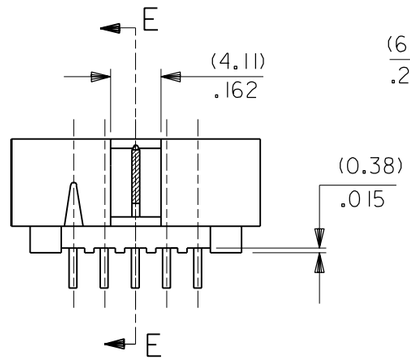
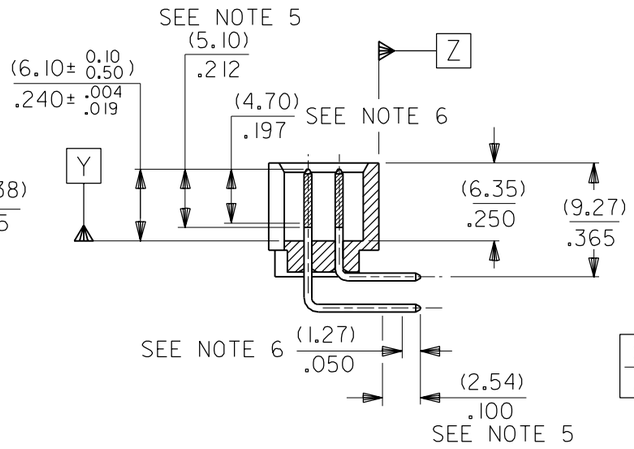
PART NO. SEE CHART
DWG. NO. SDA-90709

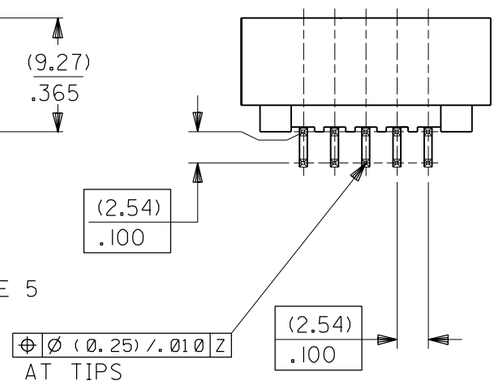
PART NUMBER	CIRCUIT SIZE	DIM A	DIM B	DIM C	DIM D
90709-100*	10	(10.16) 0.400	(17.27) 0.680	(20.32) 0.800	(17.78) 0.700
90709-140*	14	(15.24) 0.600	(22.35) 0.880	(25.40) 1.000	(22.86) 0.900
90709-160*	16	(17.78) 0.700	(24.89) 0.980	(27.94) 1.100	(25.40) 1.000
90709-200*	20	(22.86) 0.900	(29.97) 1.180	(33.02) 1.300	(30.48) 1.200
90709-260*	26	(30.48) 1.200	(37.59) 1.480	(40.64) 1.600	(38.10) 1.500
90709-300*	30	(35.56) 1.400	(42.67) 1.680	(45.72) 1.800	(43.18) 1.700
90709-340*	34	(40.64) 1.600	(47.75) 1.880	(50.80) 2.000	(48.26) 1.900
90709-400*	40	(48.26) 1.900	(55.37) 2.180	(58.42) 2.300	(55.88) 2.200
90709-500*	50	(60.96) 2.400	(68.07) 2.680	(71.12) 2.800	(68.58) 2.700
90709-600*	60	(73.66) 2.900	(80.77) 3.180	(83.82) 3.300	(81.28) 3.200
90709-640*	64	(78.74) 3.100	(85.85) 3.380	(88.90) 3.500	(86.36) 3.400







SECTION E-E



NOTES:

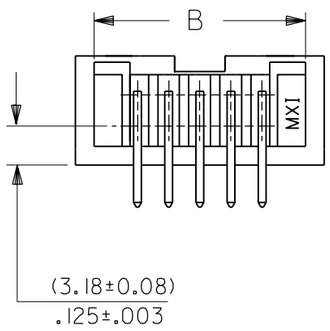
1. MATERIALS: WAFER; 15% GLASS FILLED PBT, 94V-0,
   PINS; (0.635)/.025 SQ BRASS WIRE.
2. PIN SOLDERABILITY PER MOLEX SPEC. ES-152
3. PIN PUSHOUT FORCE (.9072KG)/2LBS MIN.
4. WAFER TO BE FLAT WITHIN (0.03MM/CM)/.003IN/IN
5. THESE DIMENSIONS DEFINE THE MINIMUM COVERAGE FOR PLATING.
6. THESE DIMENSIONS DEFINE THE MEASURING POINT FOR PLATING THICKNESS.
7. FINISH (PER ES-88):

90709-***1: (TYPE 587) GOLD PLATE (0.38um)/15uin MIN. IN SELECTED AREA.
TIN PLATE (1.9um)/75uin MIN. IN SELECTED AREA.
OVER (1.3um)/50uin MIN. NICKEL OVERALL.

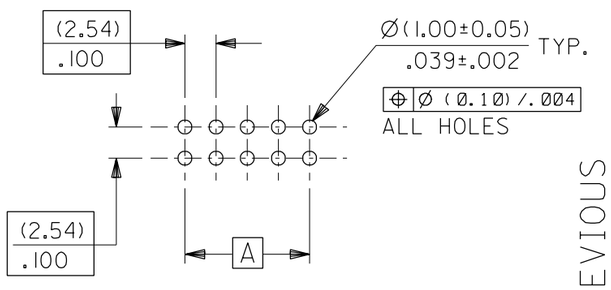
90709-***2: (TYPE 599) GOLD PLATE (0.76um)/30uin MIN. IN SELECTED AREA.
TIN PLATE (1.9um)/75uin MIN. IN SELECTED AREA.
OVER (1.3um)/50uin MIN. NICKEL OVERALL.

90709-***3: (TYPE 608) GOLD PLATE (0.10um)/5uin MIN. IN SELECTED AREA.
TIN PLATE (1.9um)/75uin MIN. IN SELECTED AREA.
OVER (1.3um)/50uin MIN. NICKEL OVERALL.

PRE-RELEASE REFERENCE USE ONLY



RECOMMENDED P.C. BOARD HOLE LAYOUT



FOR PREVIOUS DRAWING ISSUES SEE MRI.

H — LEAD FREE CONVERSION EC No. E2004-0792 DRWN: PSHEAHAN 04/02/17 CH'K: / / APPR: / /

REVISIONS

LTR	

THIRD ANGLE PROJECTION

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±2°

	INCH	(METRIC)
3 PLACE	± .010	
2 PLACE	± .	± 0.25
1 PLACE		±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☒ (MM) ☐ IN.

EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☒ IN.

DRWG BY: POB

CHK'D BY:

APP'D BY:

SCALE: 2 : 1

REVISE ONLY ON CAD SYSTEM | SH. | REV.

CADCAM FILENAME SA90709X1 DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE

(2.54)/.100 R/A DUAL ROW LOW PROFILE SHROUDED HEADER ASSEMBLY

molex MOLEX EUROPE

SHEET NO. 1OF1

DATE 91/10/01

PART NO. SEE CHART

DWG NO. SDA-90709

SIZE B

7132-1283