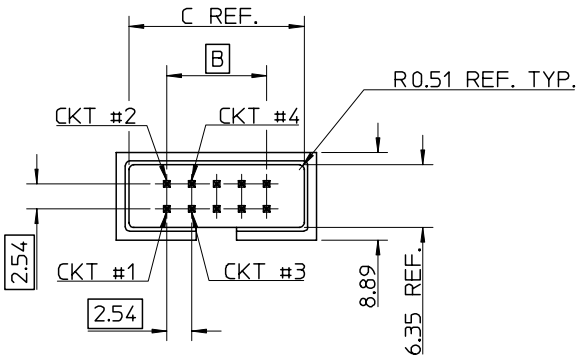
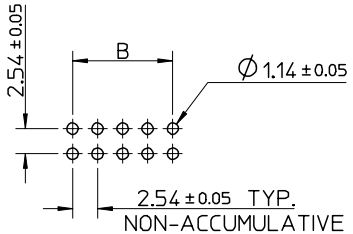
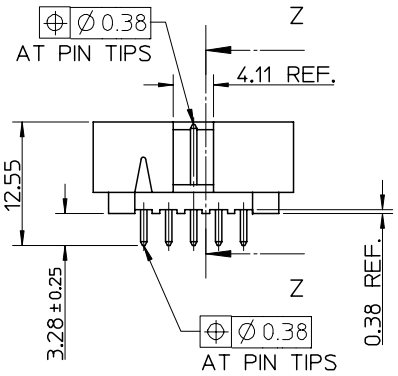
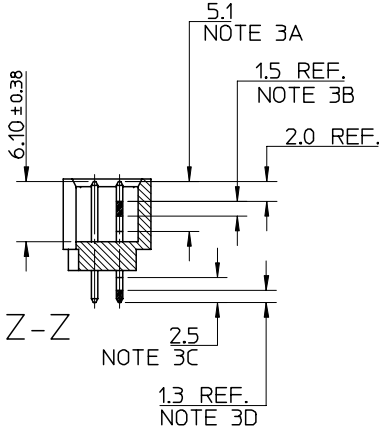


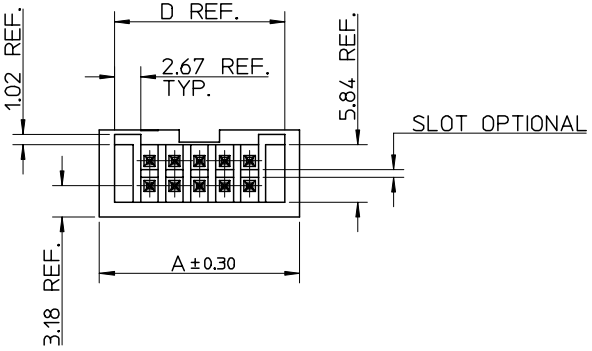


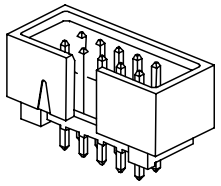
RECOMMENDED PCB HOLE LAYOUT

PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D
91816-0008	8	17.78	7.62	15.24	14.73
91816-0010	10	20.32	10.16	17.78	17.27
91816-0012	12	22.86	12.70	20.32	19.81
91816-0014	14	25.40	15.24	22.86	22.35
91816-0016	16	27.94	17.78	25.40	24.89
91816-0020	20	33.02	22.86	30.48	29.97
91816-0024	24	38.10	27.94	35.56	35.05
91816-0026	26	40.64	30.48	38.10	37.59
91816-0030	30	45.72	35.56	43.18	42.67
91816-0034	34	50.80	40.64	48.26	47.75
91816-0040	40	58.42	48.26	55.88	55.37









NOTES:

1. MATERIALS:
   HOUSING: PCT, 30% GLASS FILLED, UL94 V-0, COLOUR BLACK.
   PIN: BRASS, 0.64mm SQUARE REF.
2. PLATING:
   CONTACT AREA: 0.38um GOLD MIN. OVER 1.27um NICKEL MIN.
   SOLDER AREA: 1.9um TIN MIN. OVER 1.27um NICKEL MIN.
3. DIMENSIONS FOR PLATING LOCATIONS:
   3A: MINIMUM COVERAGE OF GOLD PLATING (CONTACT AREA).
   3B: THICKNESS AND POROSITY MEASURING ZONE FOR GOLD.
   3C: MINIMUM COVERAGE OF TIN PLATING (SOLDER AREA).
   3D: THICKNESS MEASURING ZONE FOR TIN.
4. CONFORMS TO PRODUCT SPECIFICATION PS-91816-001.
5. SEE PK-91816-001 FOR PACKAGING DETAILS.
6. COLOUR VARIATION MAY BE VISIBLE ON HOUSING SURFACES.

ORIGINAL RELEASE
EC NO: E2007-0616 2007/02/14
DRWN: JDENNEHY 2007/02/14
CHKD: DWASZKIEWICZ 2007/02/15
APPR: JDENNEHY 2007/02/15
DESCRIPTION
REV A

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JDENNEHY DATE: 2007/01/22
CHECKED BY: DWASZKIEWICZ DATE: 2007/01/23
APPROVED BY: JDENNEHY DATE: 2007/01/23

TITLE: C-GRID SHROUDED HEADER SLOTTED W/O STANDOFFS ROHS COMPATIBLE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-91816-001
SHEET NO.: 1 OF 1
SIZE: A3

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