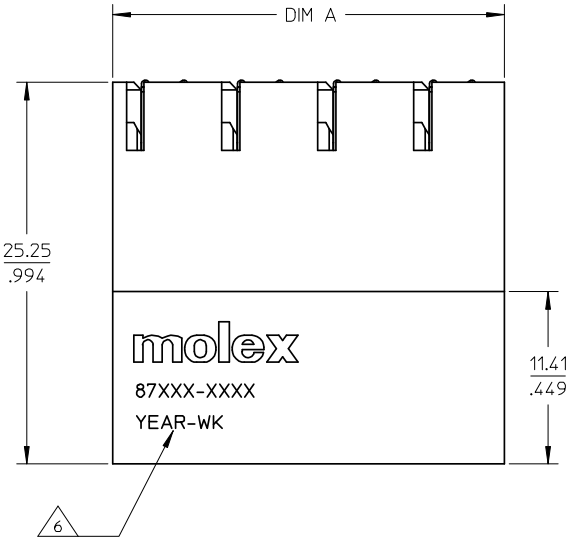
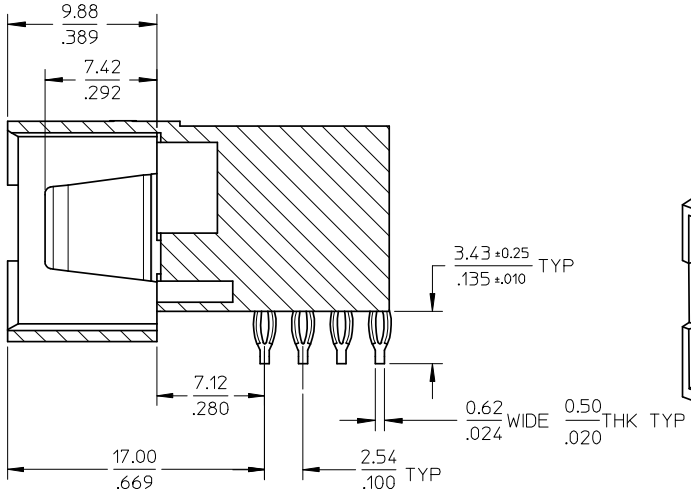
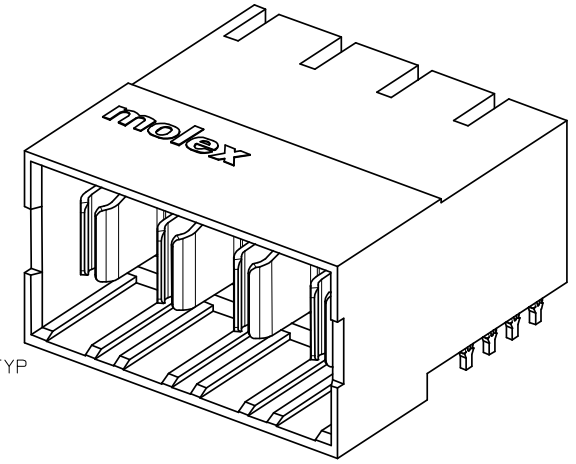
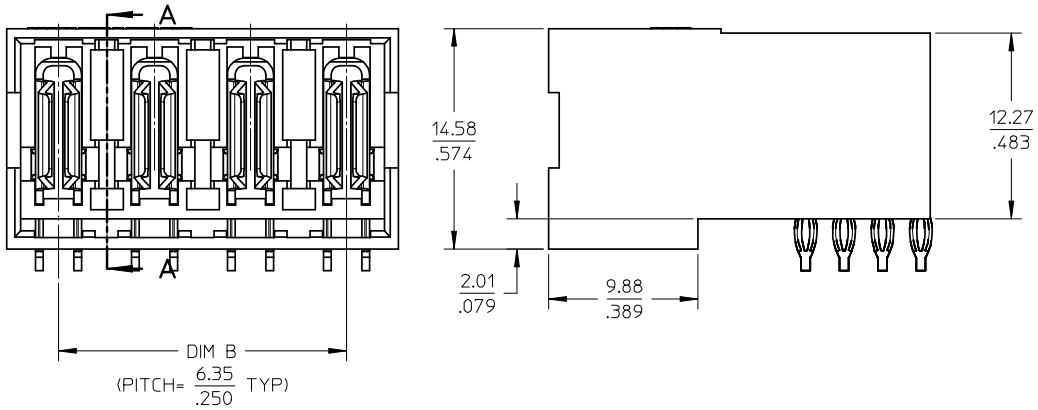




SECTION A-A



ISOMETRIC VIEW

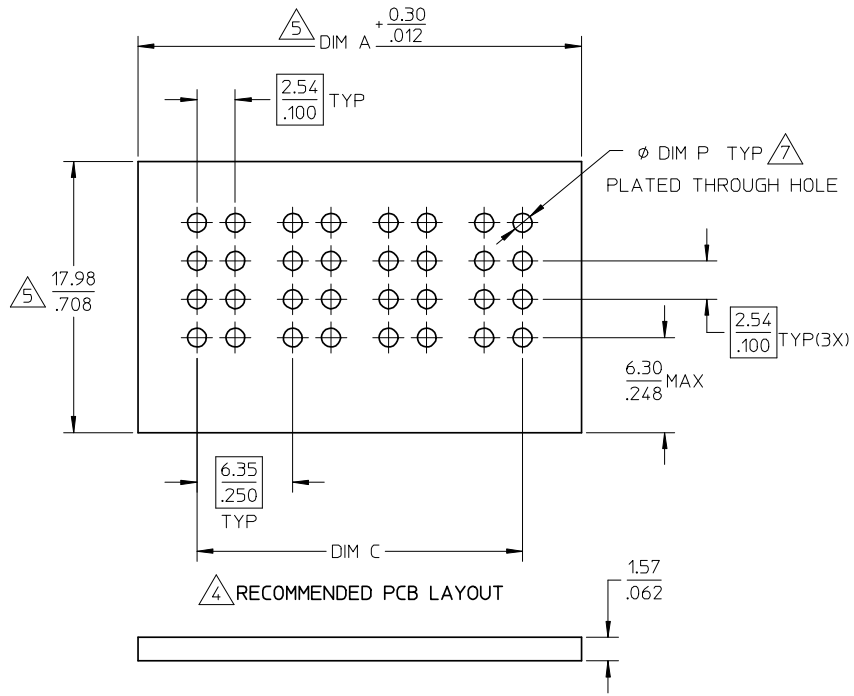


REVISED OSP HOLE SIZE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
EC NO: S2008-0551 2007/12/19	▼=0	mm / INCH
DRWN:SKANG 2007/12/19	▽C=0	4 PLACES ± --- / ± ---
CHKD:ATSEE 2007/12/19		3 PLACES ± --- / ±.010
APPR:MLONG 2007/12/19		2 PLACES ±0.25 / ± ---
DESCRIPTION		1 PLACE ± --- / ± ---
D1		ANGULAR ± 3 °
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN	SCALE: NTS	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: BHLOW DATE: 2002/11/27	TITLE: HEADER, POWER CONN ALL BLADES POWER CONFIG. PRESS-FIT, R/A		
CHECKED BY: PTLIM DATE: 2002/12/03			
APPROVED BY: SKTOH DATE: 2002/12/03	MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-87682-011	SHEET NO.: 1 OF 2	
SIZE: A3			

PART NUMBER	NO OF POWER PINS	DIM A	DIM B	DIM C	PACKAGING	PLATING OPTION (SOLDERTAIL)
87682-0001	2	13.20 / .520	6.35 / .250	8.89 / .350	TRAY	TIN/LEAD
87682-0003	4	25.90 / 1.020	19.05 / .750	21.59 / .850	TRAY	
87682-2001	2	13.20 / .520	6.35 / .250	8.89 / .350	TRAY	TIN
87682-2003	4	25.90 / 1.020	19.05 / .750	21.59 / .850	TRAY	

	7 TYPE OF PCB	
	TIN/LEAD OR TIN	OSP
DRILLED HOLE SIZE	1.40mm/.055in	1.33mm/.052in
PLATING THICKNESS	0.007mm/.0003in MIN OVER 0.03mm/.001in TO 0.08mm/.003in COPPER	0.25μm/.001in MIN COPPER
PLATED HOLE SIZE 7 (DIM P)	1.25 ±0.08 / .049 ±.003	1.25 +0.025/-0.050 / .049 +.001/-.002



NOTES:

1. MATERIALS: HOUSING - HIGH TEMPERATURE, THERMO-PLASTIC
   GLASS FILLED, UL94V-0, COLOUR: BLACK
   POWER BLADES - COPPER ALLOY
2. FINISHES: POWER - SELECTIVE GOLD IN CONTACT AREA
   THICKNESS=0.76 μm /30 μm MINIMUM
   SELECTIVE TIN/LEAD OR TIN IN THE PC TAIL AREA
   THICKNESS= 2.54 μm /100 μin MINIMUM WITH
   1.27μm MINIMUM NICKEL UNDERPLATE OVERALL.
3. PRODUCT SPECIFICATION: PS-87680-006.
   APPLICATION SPECIFICATION: AS-87682-009.

4. SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
5. COMPONENT STAY AWAY ZONE FROM CONNECTOR.
6. MANUFACTURER LOGO, PART NUMBER AND YEAR-WK CODE.
7. REFER TO RECOMMENDED PCB TABLE.

REVISED OSP HOLE SIZE
EC NO: S2008-0551 2007/12/19
DRWN:SKANG 2007/12/19
CH'KD:ATSEE 2007/12/19
APPR:MLONG 2007/12/19
DESCRIPTION
REV
D1

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	BHLOW
DATE	2002/11/27
CHECKED BY	PTLIM
DATE	2002/12/03
APPROVED BY	SKTOH
DATE	2002/12/03

TITLE: HEADER, POWER CONN ALL BLADES POWER CONFIG. PRESS-FIT, R/A

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-87682-011
SHEET NO.: 2 OF 2
SIZE: A3