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PART NUMBER

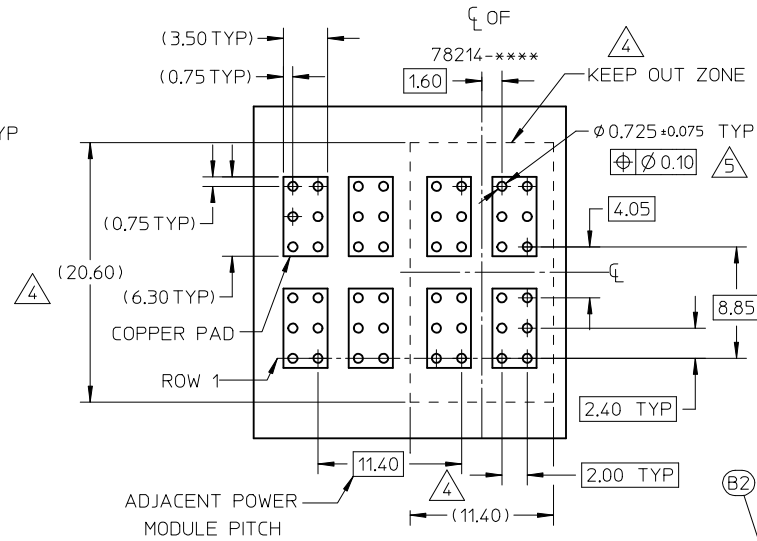
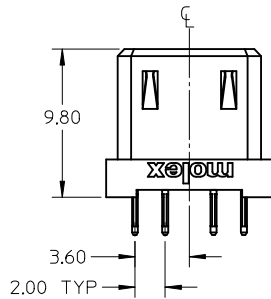
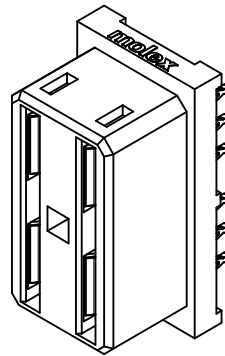
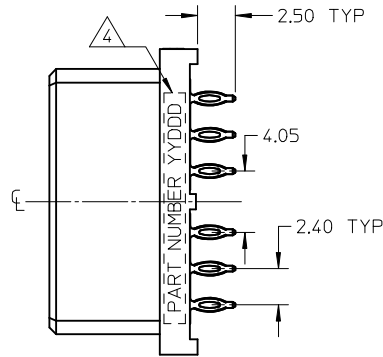
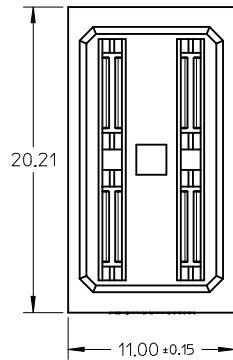
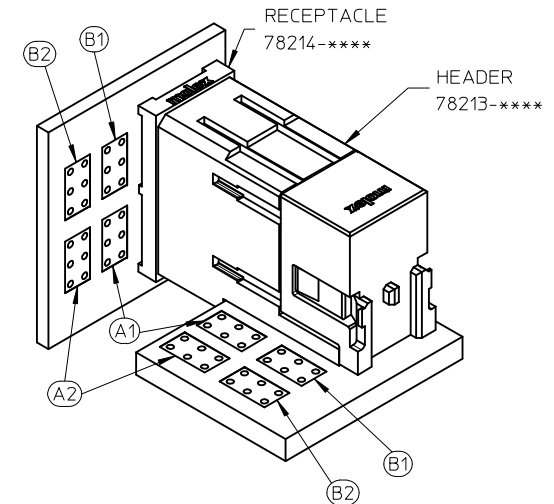
A4 PLATING
OPTION

PACKAGING

78214-1001

TIN PLATING

TRAY

ADJACENT POWER
MODULE PITCHRECOMMENDED PCB LAYOUT
(COMPONENT SIDE SHOWN)
MINIMUM BOARD THICKNESS: 1.60mm

CIRCUIT PATH OF MATED SYSTEM

NOTES:

1. MATERIAL:

HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK
POWER PIN - COPPER ALLOY

A4 2. FINISH OPTION:

TIN - 0.76μm MINIMUM GOLD AT CONTACT AND
2.54μm MINIMUM TIN AT SOLDER TAIL AREA OVER
1.27μm MINIMUM NICKEL UNDERPLATE OVERALL.

3. PRODUCT SPECIFICATION: PS-78213-001.

4. KEEP OUT ZONE FROM OTHER COMPONENTS.

5. PCB NOTE FOR DIAMETER 0.725mm PLATED HOLE.

- DRILLED HOLE SIZE IS 0.838mm
- PLATED WITH 0.007mm MIN. TIN OVER
0.03 TO 0.08mm COPPER UNDERPLATE TO ACHIEVE
0.725±0.075mm HOLE.

6. MATES WITH 78349-****.

7. PART NUMBER AND DATE CODE (YYDDD) APPROXIMATELY SHOWN.

REMOVE TIN/LEAD OPT

EC NO: S2013-0278

DRWN: HCGH

2012/11/07

CHKD: HCGH

2013/06/12

APPR: SHONG

2013/06/13

QUALITY
SYMBOLS

=0

=0

DESCRIPTION

REV

A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONSDIMENSION STYLE
MM ONLY

DRAWN BY	DATE
LNG	2007/11/02
CHECKED BY	DATE
KWLOKE	2008/01/11
APPROVED BY	DATE
SHONG	2010/11/24

MATERIAL NO.

SEE TABLE

SIZE
A3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSIONSCALE
NTSDESIGN UNITS
METRICTHIRD ANGLE
PROJECTIONIMPACT POWER, 4 PAIR
VERTICAL RECEPTACLE
PRESS-FIT

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-78214-003

SHEET NO.

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