LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A4	RELEASED (ECR-15-015517)	22OCT15	A.Z	WK

DIM C +0.15 −0.10

5.50

3.60±0.1

2.00

DIM D +0.15 −0.1

DIM A

DIM B±0.2

RECOMMENDED PCB LAYOUT

2.35

3.50

1.00

2.00

3.40

5.50

1.50

9.00

7.60

0.10

LOGO

1.00

0.10 ALL SOLDERTAILS

2.40

3.53
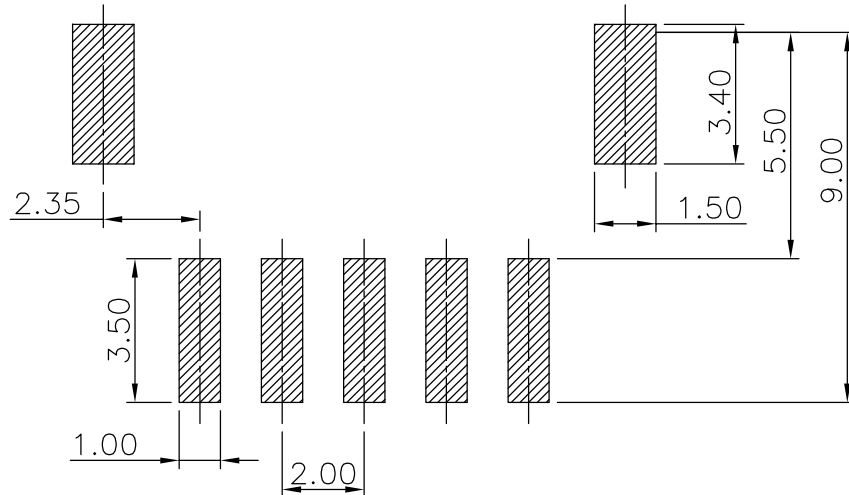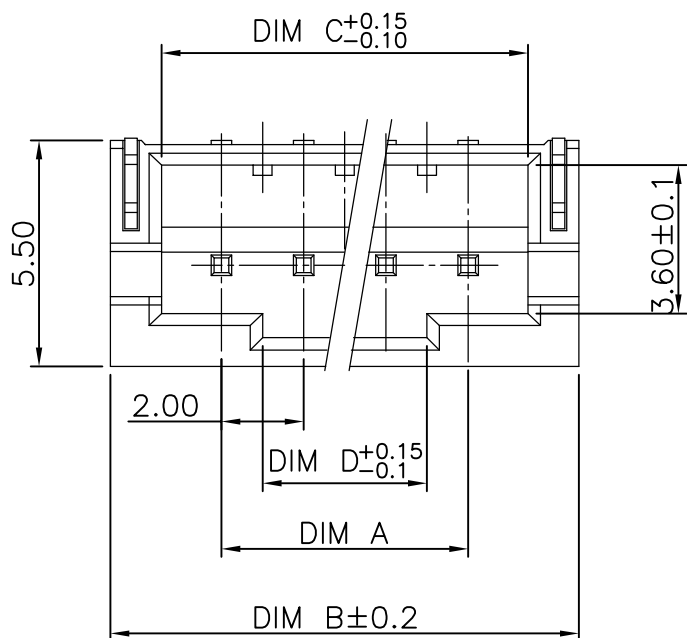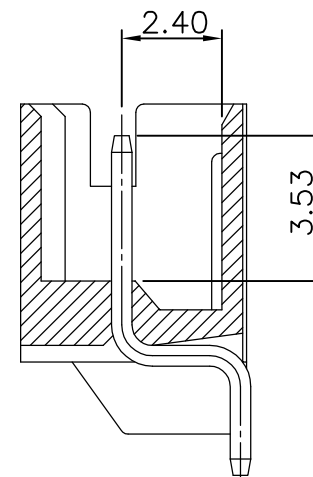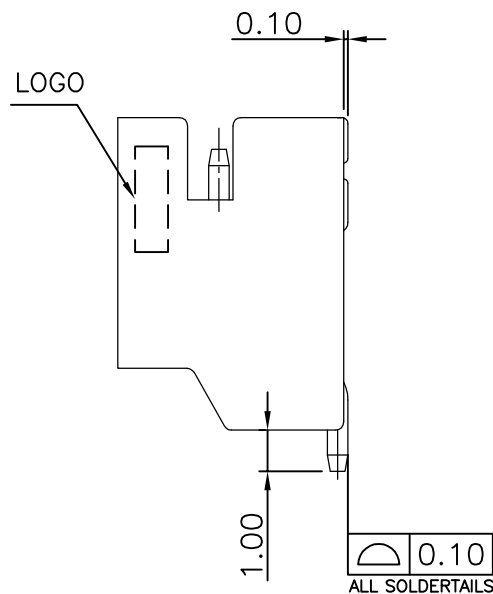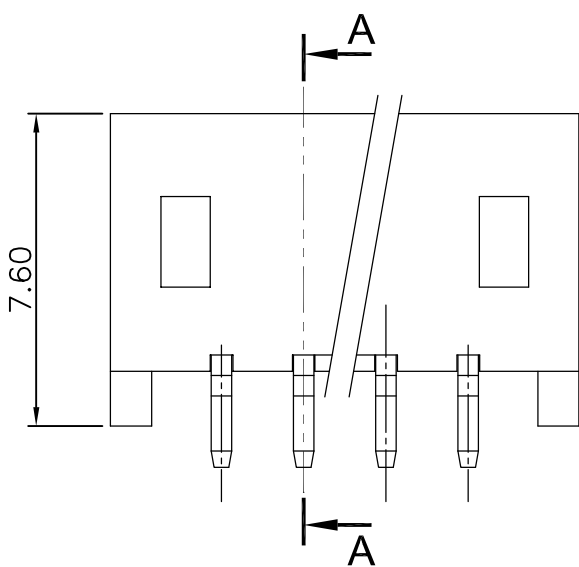
SECTION **A-A**

THICKNESS	DIM D	DIM C	DIM B	DIM A	POS	PART NUMBER
	28.00	32.90	35.40	30.00	16P	3-1775469-6
	26.00	30.90	33.40	28.00	15P	3-1775469-5
	24.00	28.90	31.40	26.00	14P	3-1775469-4
	22.00	26.90	29.40	24.00	13P	3-1775469-3
	20.00	24.90	27.40	22.00	12P	3-1775469-2
	18.00	22.90	25.40	20.00	11P	3-1775469-1
	16.00	20.90	23.40	18.00	10P	3-1775469-0
Ⓑ	14.00	18.90	21.40	16.00	9P	2-1775469-9
	12.00	16.90	19.40	14.00	8P	2-1775469-8
	10.00	14.90	17.40	12.00	7P	2-1775469-7
	8.00	12.90	15.40	10.00	6P	2-1775469-6
	6.00	10.90	13.40	8.00	5P	2-1775469-5
	4.00	8.90	11.40	6.00	4P	2-1775469-4
	2.00	6.90	9.40	4.00	3P	2-1775469-3
	0.60	4.90	7.40	2.00	2P	2-1775469-2
	28.00	32.90	35.40	30.00	16P	1-1775469-6
	26.00	30.90	33.40	28.00	15P	1-1775469-5
	24.00	28.90	31.40	26.00	14P	1-1775469-4
	22.00	26.90	29.40	24.00	12P	1-1775469-3
	20.00	24.90	27.40	22.00	12P	1-1775469-2
	18.00	22.90	25.40	20.00	11P	1-1775469-1
ⒶA	16.00	20.90	23.40	18.00	10P	1-1775469-0
	14.00	18.90	21.40	16.00	9P	1775469-9
	12.00	16.90	19.40	14.00	8P	1775469-8
	10.00	14.90	17.40	12.00	7P	1775469-7
	8.00	12.90	15.40	10.00	6P	1775469-6
	6.00	10.90	13.40	8.00	5P	1775469-5
	4.00	8.90	11.40	6.00	4P	1775469-4
	2.00	6.90	9.40	4.00	3P	1775469-3
	0.60	4.90	7.40	2.00	2P	1775469-2

NOTE:
1. MATERIAL :
   HOUSING : PA9T, UL 94V-0, COLOR: NATURAL.
   CONTACT : BRASS, THICKNESS=0.50mm.
2. FINISH:
   CONTACT : ⒶA 2um [80u"] MIN. MATTE TIN PLATED OVER
   1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
   ⒷB GOLD FLASH OVER 1.27um [50u"] MIN. NICKEL UNDERPLATED
   ALL OVER.
3. REFLOW SOLDER CAPABLE TO 260°C PER TE CONNECTIVITY SPEC 109-201,
   CONDITION B.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
MM	0 PLC ± −
	1 PLC ± 0.25
	2 PLC ± 0.15
	3 PLC ± 0.05
	4 PLC ± −
	ANGLES ± 3°

MATERIAL	FINISH
SEE NOTE	SEE NOTE

DWN O. HU	01NOV2006
CHK S. HOU	01NOV2006
APVD W.J. KE	01NOV2006

PRODUCT SPEC
108-57100

QUALIFICATION TEST REPORT
501-57058

WEIGHT —−

TE Connectivity

NAME
HPI CONN., 2.0MM PITCH,
R/A, SMT TYPE

SIZE A3	CAGE CODE 00779	DRAWING NO C-1775469	RESTRICTED TO —

CUSTOMER DRAWING

| SCALE — | SHEET 1 OF 2 | REV A4 |

AMP 1470-19 REV 31MAR2000

4 3 2 1

LOC DIST
DW —

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

D

46

330

WIDE COVER TAPE AROUND
OUT PERIPHERY 1 TURN

165° ~ 180°
PEELING ANGLE

WITHOUT CHARGE
240mm

WITH PRODUCT CHARGE
600PCS/REEL

WITHOUT CHARGE
240mm

C

4.00 ⌀1.50

DIM E

16.00 6.45

DIM E	PCS/CARTON	PCS/REEL	POS	PART NUMBER
56.00	1,800	600	16P	3-1775469-6
	1,800	600	15P	3-1775469-5
	1,800	600	14P	3-1775469-4
	1,800	600	13P	3-1775469-3
44.00	2,400	600	12P	3-1775469-2
	2,400	600	11P	3-1775469-1
	2,400	600	10P	3-1775469-0
	2,400	600	9P	2-1775469-9
	2,400	600	8P	2-1775469-8
	2,400	600	7P	2-1775469-7
32.00	3,000	600	6P	2-1775469-6
	3,000	600	5P	2-1775469-5
	3,000	600	4P	2-1775469-4
	3,000	600	3P	2-1775469-3
	3,000	600	2P	2-1775469-2
56.00	1,500	600	16P	1-1775469-6
	1,800	600	15P	1-1775469-5
	1,800	600	14P	1-1775469-4
	1,800	600	13P	1-1775469-3
44.00	2,400	600	12P	1-1775469-2
	2,400	600	11P	1-1775469-1
	2,400	600	10P	1-1775469-0
	2,400	600	9P	1775469-9
	2,400	600	8P	1775469-8
	2,400	600	7P	1775469-7
32.00	3,000	600	6P	1775469-6
	3,000	600	5P	1775469-5
	3,000	600	4P	1775469-4
	3,000	600	3P	1775469-3
	3,000	600	2P	1775469-2

341mm(L)*341mm(W)*221mm(H)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN O. HU 01NOV2006
CHK S. HOU 01NOV2006
APVD W.J. KE 01NOV2006

DIMENSIONS: MM
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

PRODUCT SPEC —
APPLICATION SPEC —
MATERIAL —
FINISH —
WEIGHT —

TE Connectivity

NAME
HPI CONN., 2.0MM PITCH, R/A, SMT TYPE

SIZE A3
CAGE CODE
DRAWING NO C-1775469
RESTRICTED TO —

CUSTOMER DRAWING
SCALE —
SHEET 2 OF 2
REV A4

AMP 1470-19 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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  [1775469-7](#)