

4

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2

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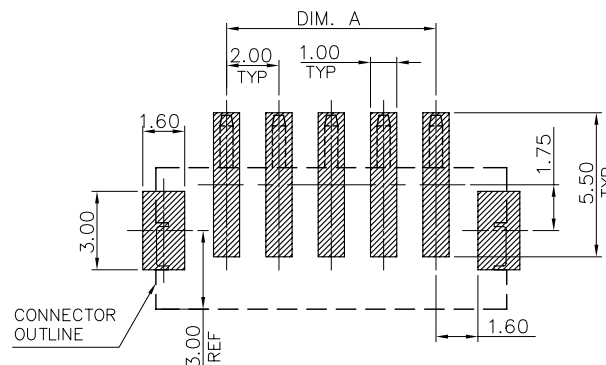
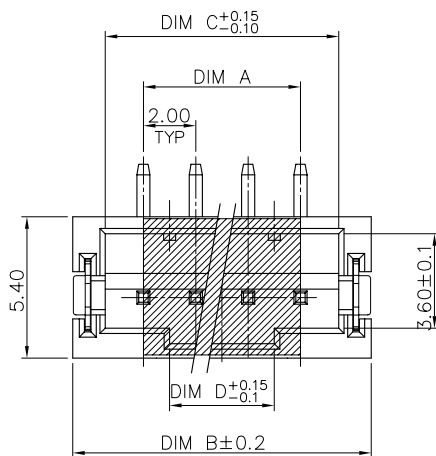
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DIST

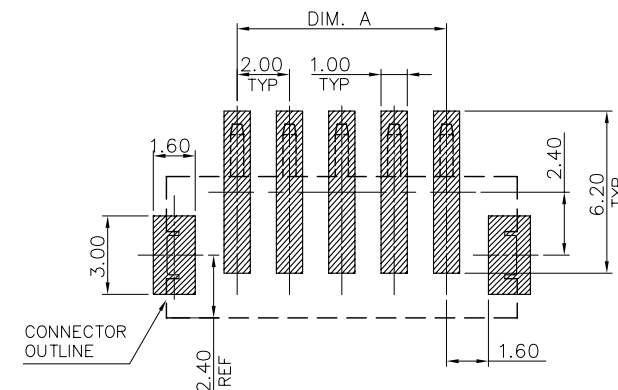
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REVISED (ECR-11-011782)	08JUN11	JL	WK



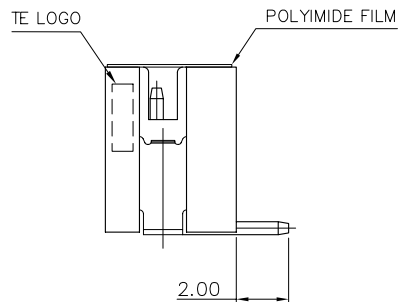
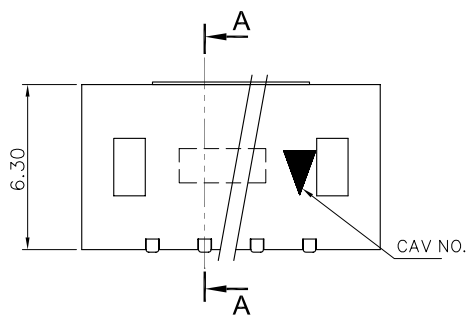
RECOMMENDED PCB LAYOUT

TOLERANCE: ±0.05



RECOMMENDED PCB LAYOUT

TOLERANCE: ±0.05



SECTION A-A

0.10
ALL SOLDER TAILS

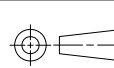
NOTE:

- MATERIAL :
HOUSING : PA9T, UL 94V-0, COLOR: NATURAL.
CONTACT : BRASS, THICKNESS=0.50mm.
SOLDER PEG : BRASS
- FINISH:
CONTACT : $\Delta 2\mu\text{m}$ [80 μ] MIN. MATTE TIN PLATED OVER
1.27 μm [50 μ] MIN. NICKEL UNDERPLATED ALL OVER.
 Δ GOLD FLASH OVER 1.27 μm [50 μ] MIN. NICKEL UNDERPLATED ALL OVER.
PEG : 2 μm [80 μ] MATTE TIN, 1.27 μm [50 μ] NICEL.
- REFLOW SOLDER CAPABLE TO 260°C PER TE CONNECTIVITY SPEC 109-201, CONDITION B.

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DIMENSIONS:

MM



MATERIAL

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	± 0.25
2 PLC	± 0.15
3 PLC	± 0.05
4 PLC	±
ANGLES	± 3°

FINISH

SEE NOTE

DWN S. CHIEN 06JAN2009

CHK S. CHIEN 06JAN2009

APVD W. KODAMA 06JAN2009

PRODUCT SPEC

108-57100

QUALIFICATION TEST REPORT

501-57058

WEIGHT - GRAMS

CUSTOMER DRAWING

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

SHEET

1 OF 4

REV B



TE Connectivity

HPI CONN., 2.0MM PITCH,
V/T, SMT TYPE

THICKNESS DIM D DIM C DIM B DIM A POS PART NUMBER

28.00 32.90 35.40 30.00 16P 3-1775470-6

26.00 30.90 33.40 28.00 15P 3-1775470-5

24.00 28.90 31.40 26.00 14P 3-1775470-4

22.00 26.90 29.40 24.00 13P 3-1775470-3

20.00 24.90 27.40 22.00 12P 3-1775470-2

18.00 22.90 25.40 20.00 11P 3-1775470-1

16.00 20.90 23.40 18.00 10P 3-1775470-0

14.00 18.90 21.40 16.00 9P 2-1775470-9

12.00 16.90 19.40 14.00 8P 2-1775470-8

10.00 14.90 17.40 12.00 7P 2-1775470-7

8.00 12.90 15.40 10.00 6P 2-1775470-6

6.00 10.90 13.40 8.00 5P 2-1775470-5

4.00 8.90 11.40 6.00 4P 2-1775470-4

2.00 6.90 9.40 4.00 3P 2-1775470-3

0.60 4.90 7.40 2.00 2P 2-1775470-2

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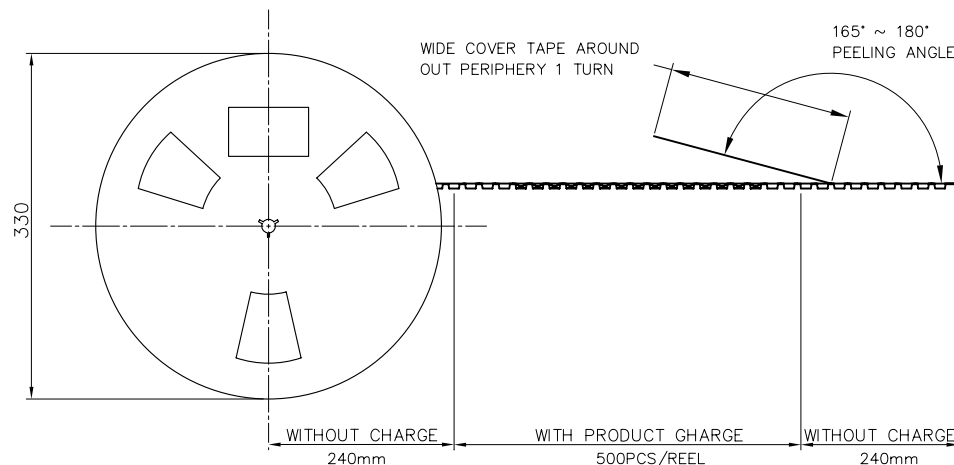
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DATE

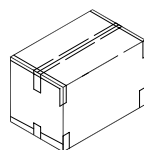
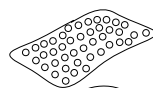
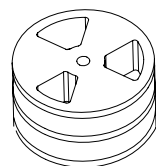
DWN

APVD

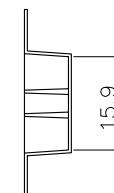
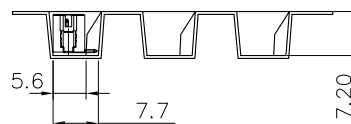
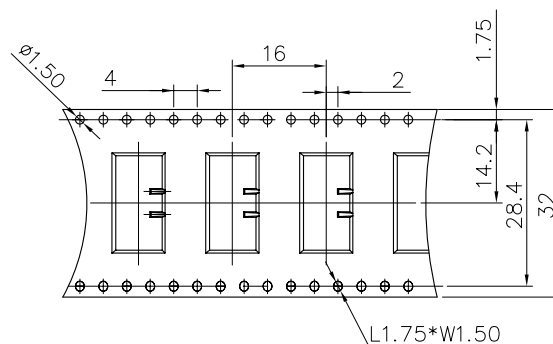
SEE SHEET 1.



FOR 2~6PIN



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



2,500	500	6P	2-1775470-6
2,500	500	5P	2-1775470-5
2,500	500	4P	2-1775470-4
2,500	500	3P	2-1775470-3
2,500	500	2P	2-1775470-2
2,500	500	6P	1775470-6
2,500	500	5P	1775470-5
2,500	500	4P	1775470-4
2,500	500	3P	1775470-3
2,500	500	2P	1775470-2
PCS/CARTON	PCS/REEL	POS	PART NUMBER

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DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

HPI CONN., 2.0MM PITCH,
V/T, SMT TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=1775470

SCALE

SHEET

2 OF 4

REV

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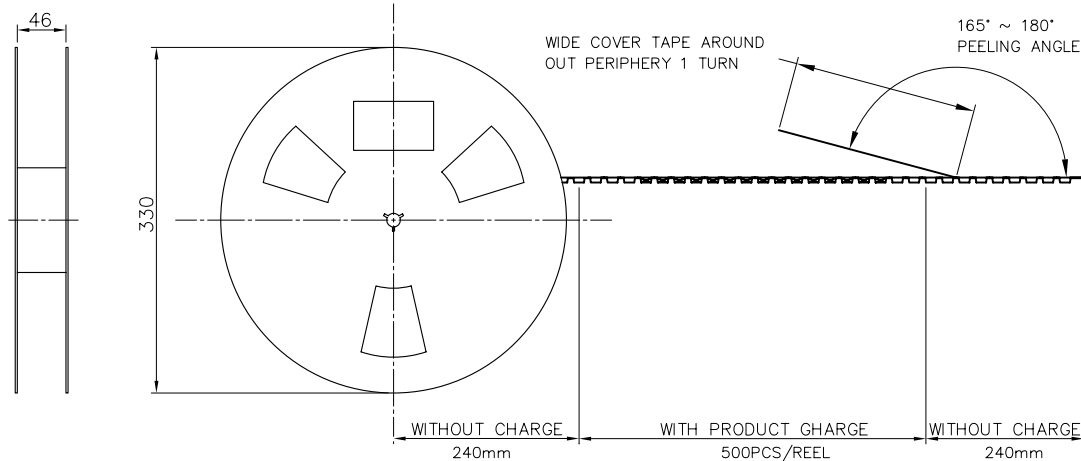
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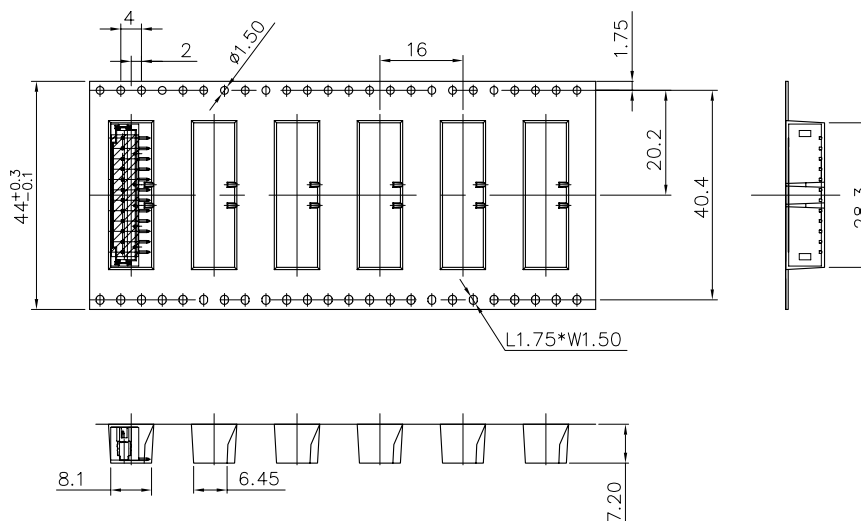
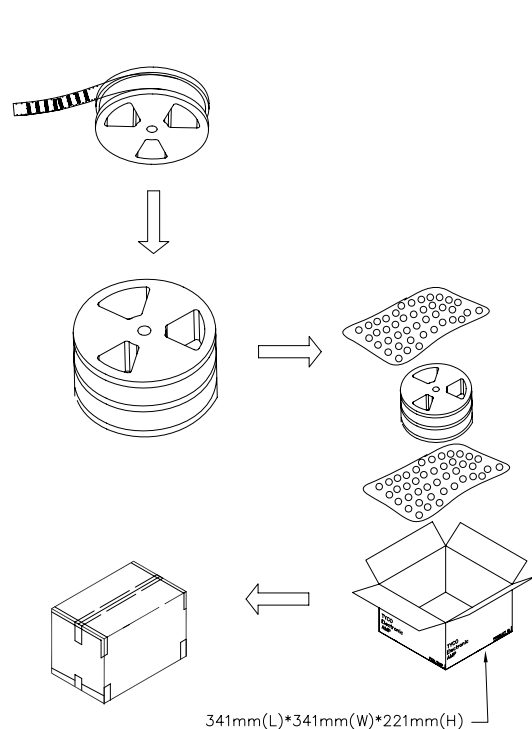
DWN

APVD

SEE SHEET 1.



FOR 7~12PIN



2,000	500	12P	3-1775470-2
2,000	500	11P	3-1775470-1
2,000	500	10P	3-1775470-0
2,000	500	9P	2-1775470-9
2,000	500	8P	2-1775470-8
2,000	500	7P	2-1775470-7
2,000	500	12P	1-1775470-2
2,000	500	11P	1-1775470-1
2,000	500	10P	1-1775470-0
2,000	500	9P	1775470-9
2,000	500	8P	1775470-8
2,000	500	7P	1775470-7
PCS/CARTON	PCS/REEL	POS	PART NUMBER

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DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

MATERIAL

FINISH



TE Connectivity

HPI CONN., 2.0MM PITCH,
V/T, SMT TYPE

NAME

SIZE

CAGE CODE

DRAWING NO

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C=1775470

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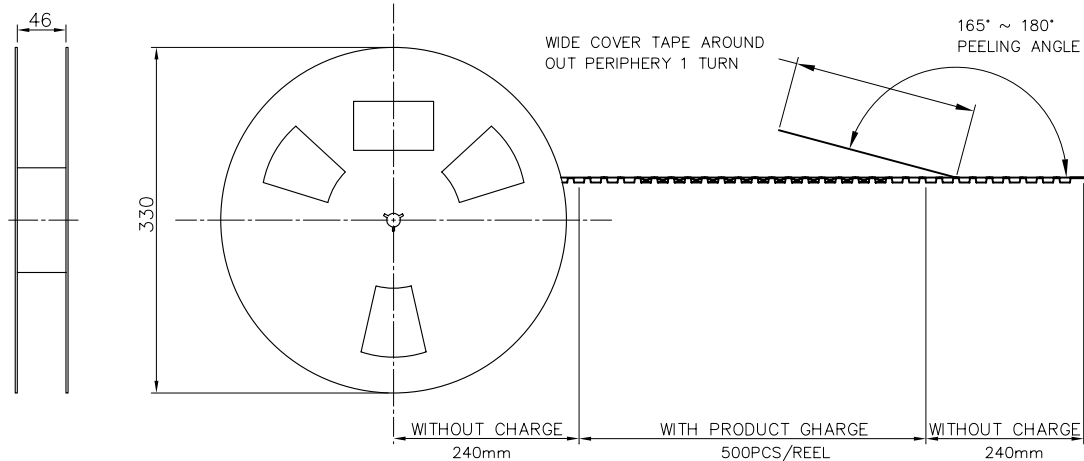
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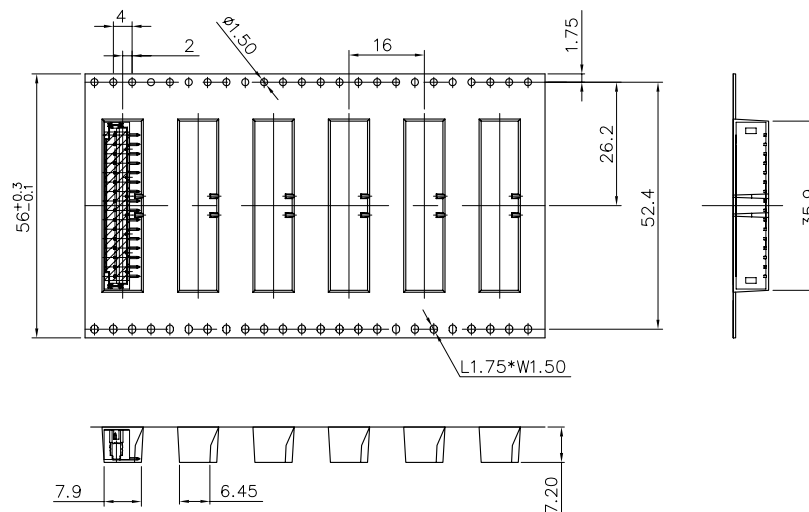
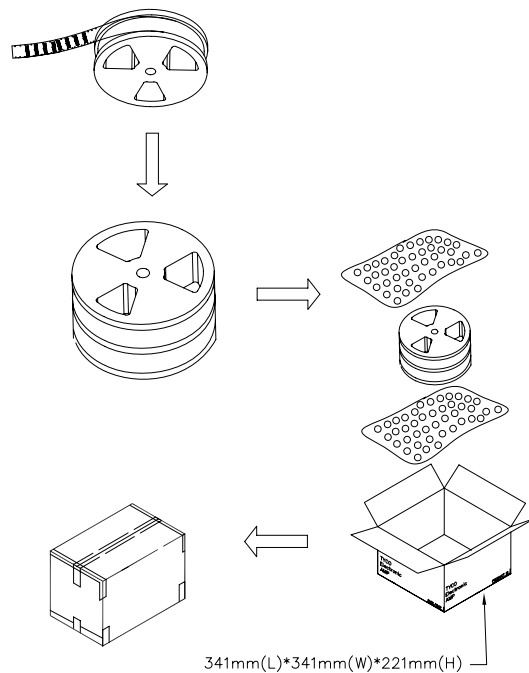
DWN

APVD

SEE SHEET 1.



FOR 13~16PIN



1,500	500	16P	3-1775470-6
1,500	500	15P	3-1775470-5
1,500	500	14P	3-1775470-4
1,500	500	13P	3-1775470-3
1,500	500	16P	1-1775470-6
1,500	500	15P	1-1775470-5
1,500	500	14P	1-1775470-4
1,500	500	13P	1-1775470-3
PCS/CARTON	PCS/REEL	POS	PART NUMBER

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DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	±
1 PLC	±
2 PLC	±
3 PLC	±
4 PLC	±
ANGLES	±

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

HPI CONN., 2.0MM PITCH,
V/T, SMT TYPE

NAME

SIZE

CAGE CODE

DRAWING NO

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SCALE

SHEET

4 OF 4

REV

B