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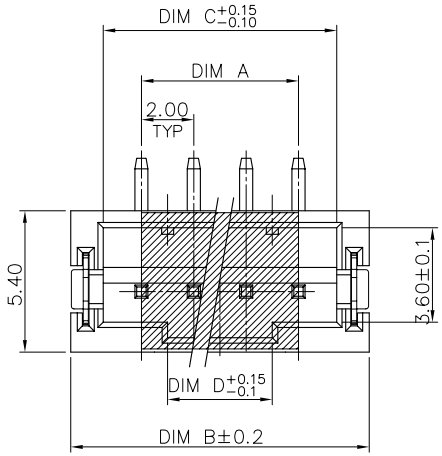
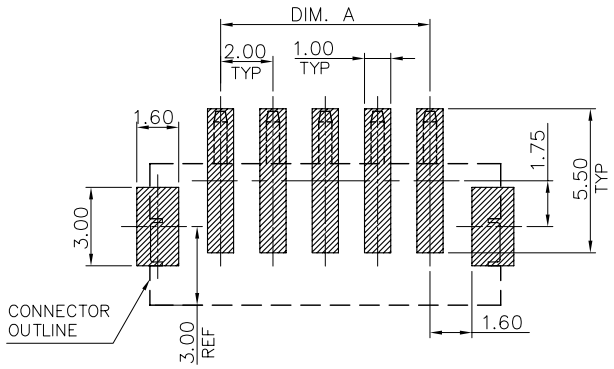
LOC	DIST
DW	–

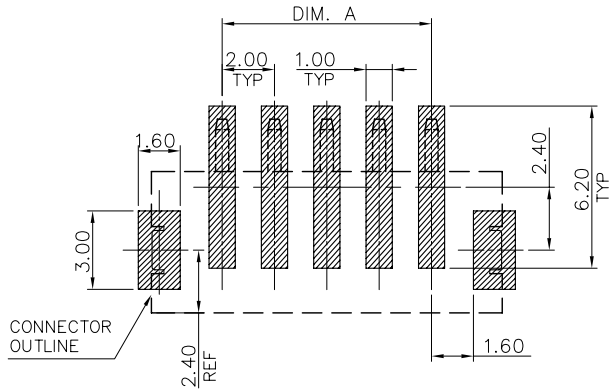
REVISIONS

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

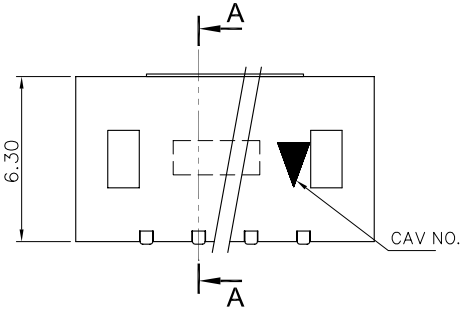


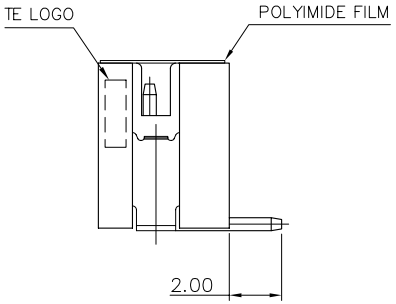


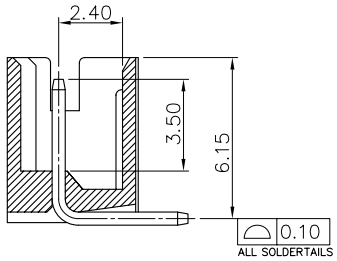
RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05







SECTION A-A

	THICKNESS	DIM D	DIM C	DIM B	DIM A	POS	PART NUMBER
B		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
A		28.00	32.90	35.40	30.00	16P	1-1775470-6
		26.00	30.90	33.40	28.00	15P	1-1775470-5
		24.00	28.90	31.40	26.00	14P	1-1775470-4
		22.00	26.90	29.40	24.00	13P	1-1775470-3
		20.00	24.90	27.40	22.00	12P	1-1775470-2
		18.00	22.90	25.40	20.00	11P	1-1775470-1
		16.00	20.90	23.40	18.00	10P	1-1775470-0
		14.00	18.90	21.40	16.00	9P	1775470-9
		12.00	16.90	19.40	14.00	8P	1775470-8
		10.00	14.90	17.40	12.00	7P	1775470-7
		8.00	12.90	15.40	10.00	6P	1775470-6
		6.00	10.90	13.40	8.00	5P	1775470-5
		4.00	8.90	11.40	6.00	4P	1775470-4
		2.00	6.90	9.40	4.00	3P	1775470-3
		0.60	4.90	7.40	2.00	2P	1775470-2

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

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DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL: SEE NOTE
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

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1775470	–

CUSTOMER DRAWING | SCALE – | SHEET 1 OF 4 | REV B

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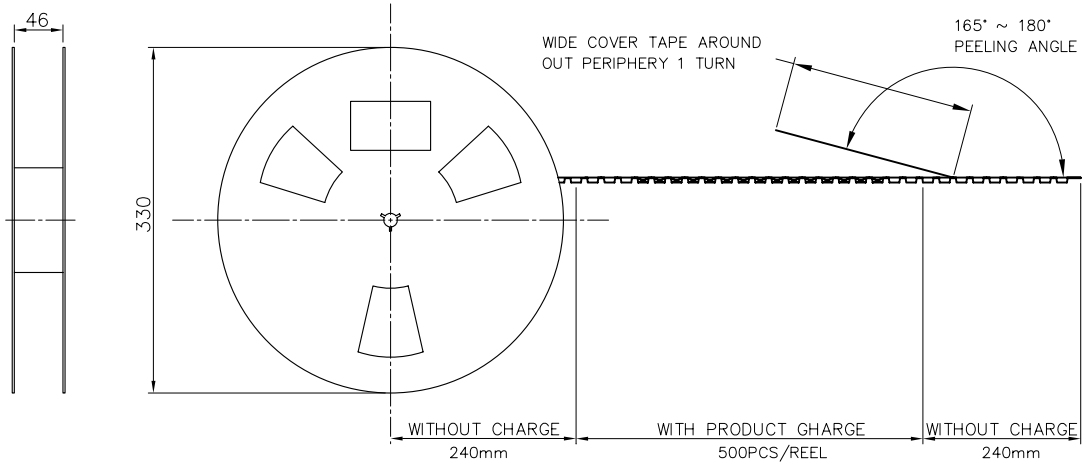
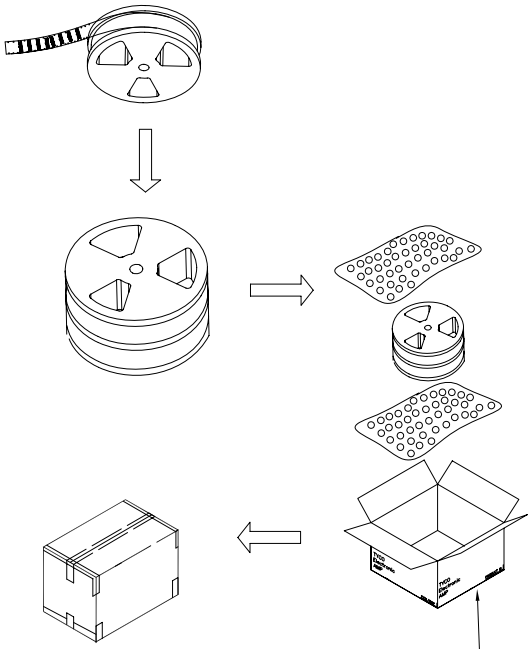
LOC	DIST
DW	–

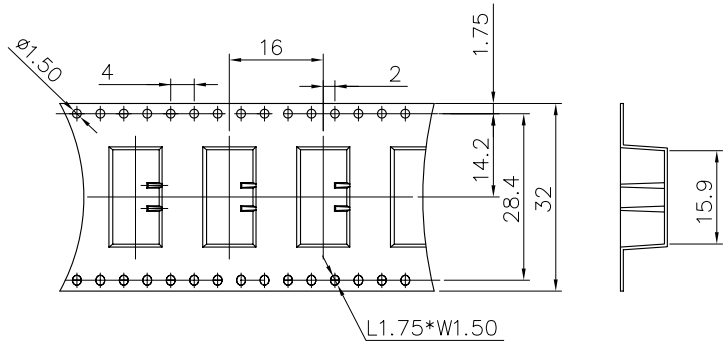
REVISIONS

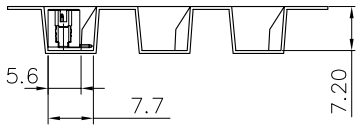
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



FOR 2~6PIN







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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN
CHK
APVD
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1775470	–

CUSTOMER DRAWING | SCALE – | SHEET 2 OF 4 | REV B

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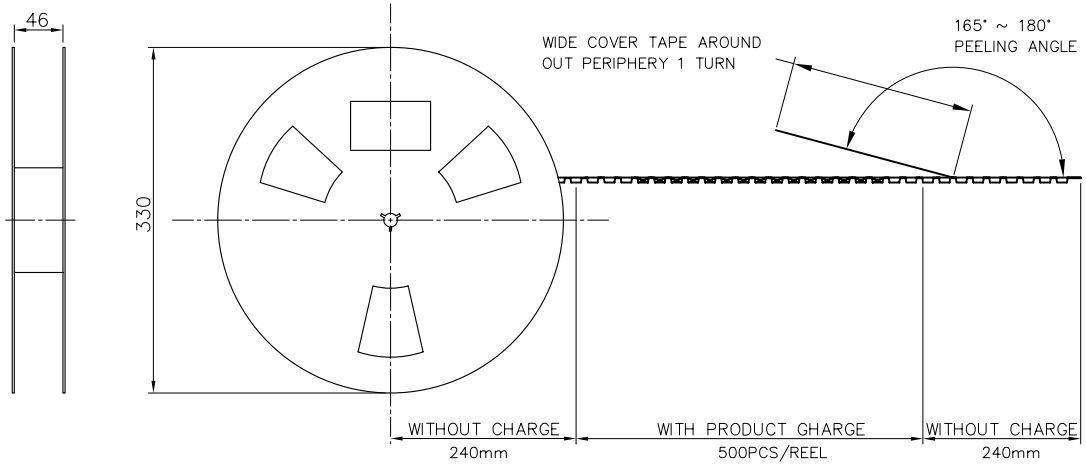
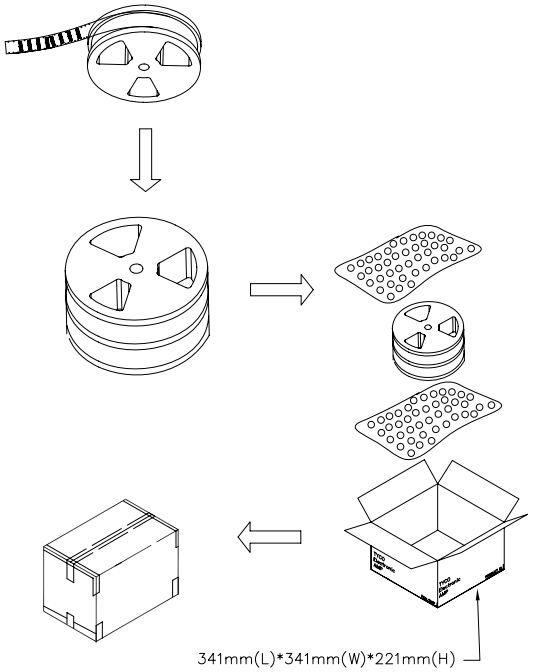
LOC	DIST
DW	—

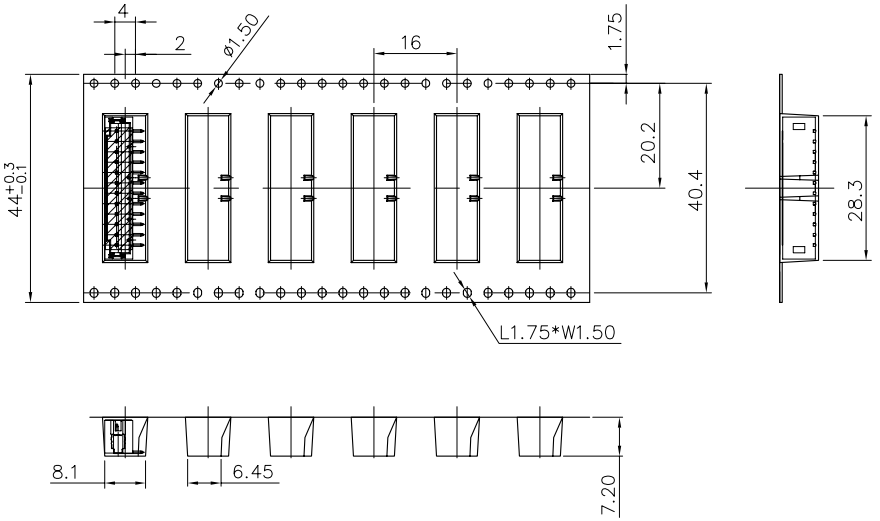
REVISIONS

P	LTR	DESCRIPTION	DATE	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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1775470	—

CUSTOMER DRAWING | SCALE — | SHEET 3 OF 4 | REV B

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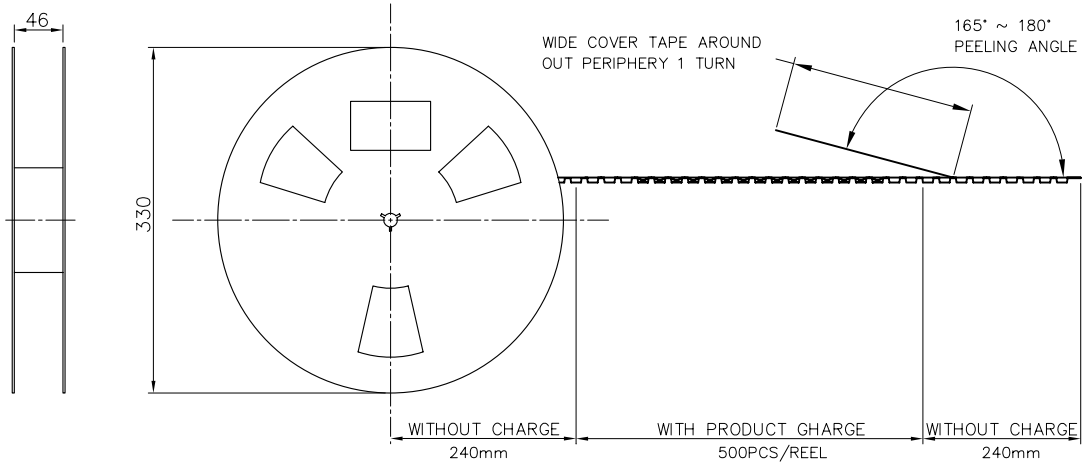
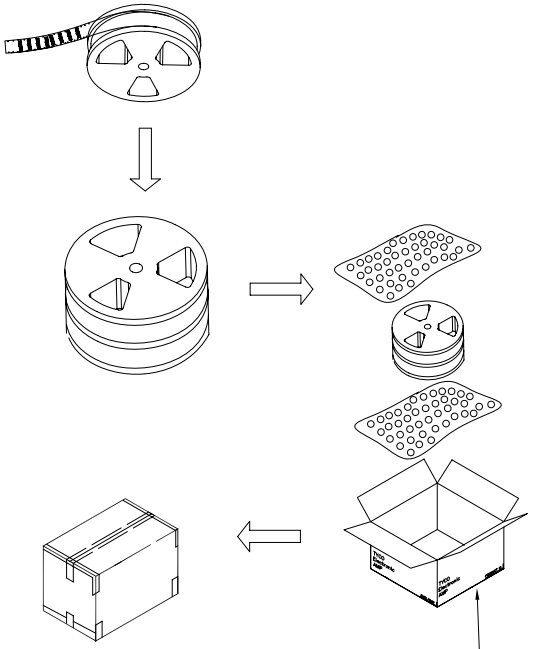
LOC	DIST
DW	—

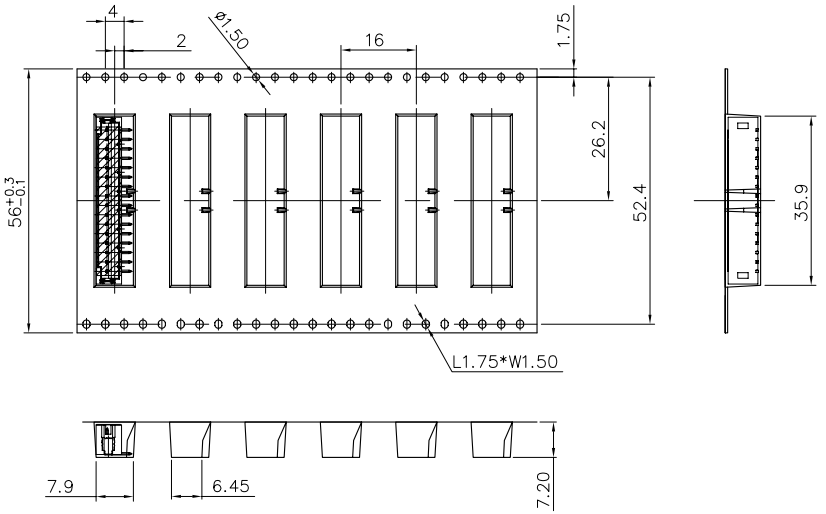
REVISIONS

P	LTR	DESCRIPTION	DATE	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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1775470	—

CUSTOMER DRAWING | SCALE — | SHEET 4 OF 4 | REV B