

4

3

2

1

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LOC
ES

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL	13NOV2013	R.W	W.H

① *4.80±0.10

② *5.00±0.10

③ 2.20

Ø2.00REF
PICK & PLACE
AREA

YWWDS

1.60±0.02
PITCH

3.20±0.02

5.20±0.02

3.30±0.02

0.60±0.02

RECOMMEND PWB LAYOUT

1.60±0.02
PITCH

3.20±0.02

5.64±0.02

2.06±0.02

1.42±0.02

RECOMMEND MATING LAYOUT

⑥ 1.60±0.10
PITCH

⑦ 0.50±0.05
6 PLC

⑬ 0.95±0.03

⑧ 0.40±0.05
6 PLC

⑤ 1.60±0.10
PITCH

NORMAL FORCE CURVE

F (N)

0.70

0.52

0.29

0.3 0.5 0.7

D (mm)

4.4 REF
AT MIN. WORKING HEIGHT

4.2 REF
AT NOR. WORKING HEIGHT

4.0 REF
AT MAX. WORKING HEIGHT

1.60
WORKING MAX.

1.40
WORKING NORMAL

1.20
WORKING MIN.

⑩ 3.60±0.15

⑭ *1.90⁰_{-0.10}

⑨ *1.20±0.05

⑦ 0.05REF

⑮ 3.00±0.10

⑫ *4.00±0.15

⑬ *4.80±0.15

⑯ 0.10±0.02

⑪ 0.02^{+0.05}_{-0.02}

NOTES:

△ MATERIAL
TERMINAL : PHOSPHOR BRONZE C5210HF, THICKNESS 0.10mm.
HOUSING : HIGH TEMPERATURE THERMO PLASTIC
UL94V-0 BLACK

△ FINISH
TERMINAL : 0.1-0.2 μm GOLD PLATING ON CONTACT AREA,
1.27 MIN. NICKLE UNDER PLATING,
0.025-0.075 μm GOLD PLATING ON SOLDERING AREA.

3 COPLANARITY : BEFORE REFLOW 0.08 MAX, AFTER REFLOW 0.1MAX

△ PACKAGING : TAPE & REEL.
DATE CODE : "YWWDS"
YWW = PRODUCTION DATE (YEAR, WEEK, DAY).
S = SHIFT (D=DYA, N=NIGHT)

6 CONTACT CAN NOT TOUCH PCB & TAIL WHEN PRESS TO HOUSING SURFACE.

△ CONTACT CAN NOT EXCEED HOUSING EDGE WHEN PRESS TO HOUSING SURFACE
* MEANS KEY DIMENSIONS FOR CUSTOMER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.15
	0 PLC ±
	1 PLC ±
	2 PLC ±
	3 PLC ±
	4 PLC ±
	ANGLES ±3°
MATERIAL	FINISH
△	△

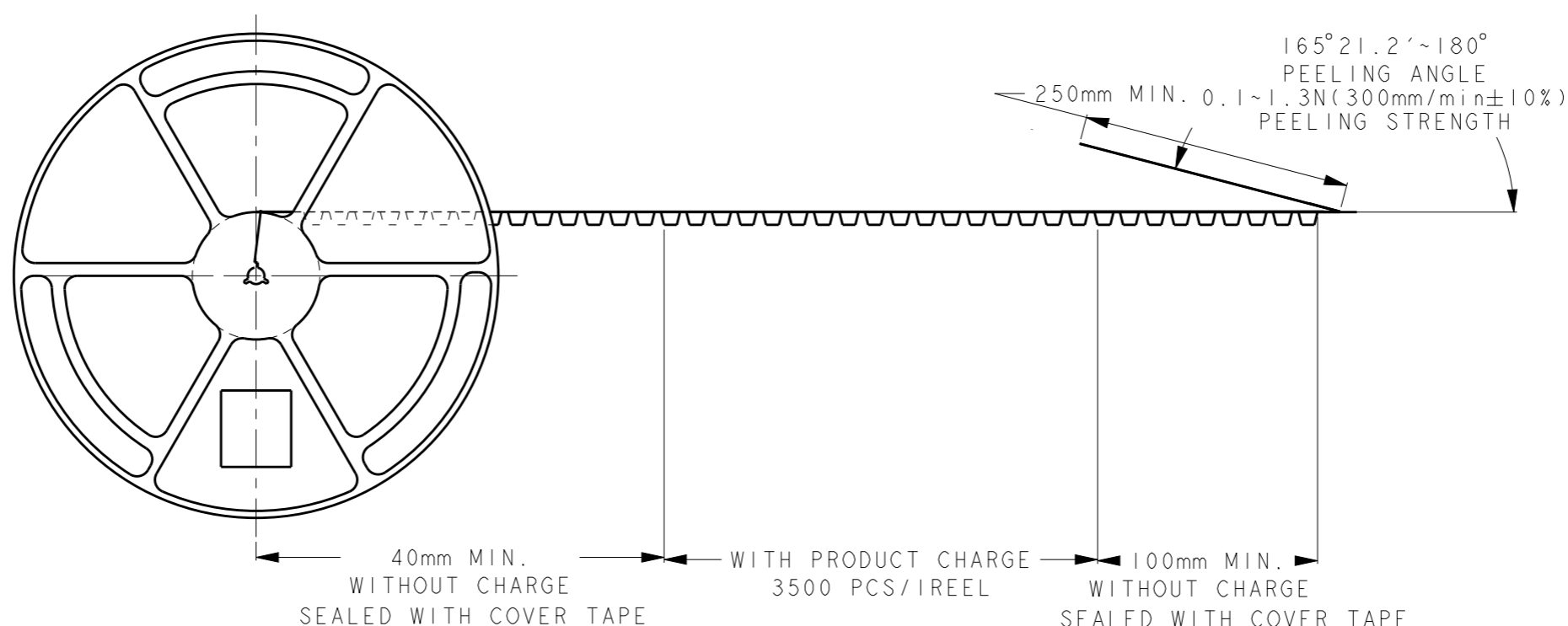
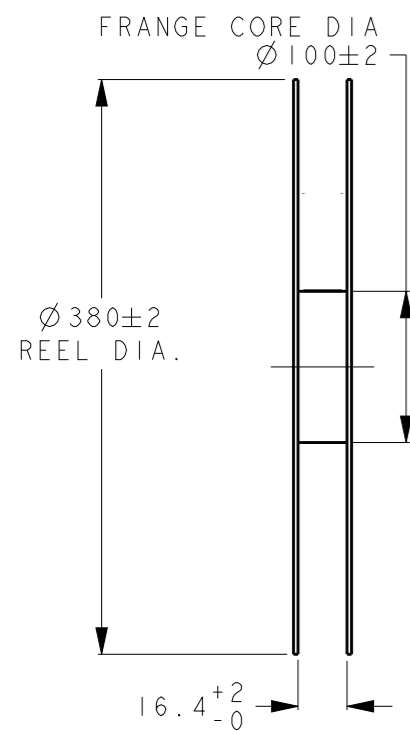
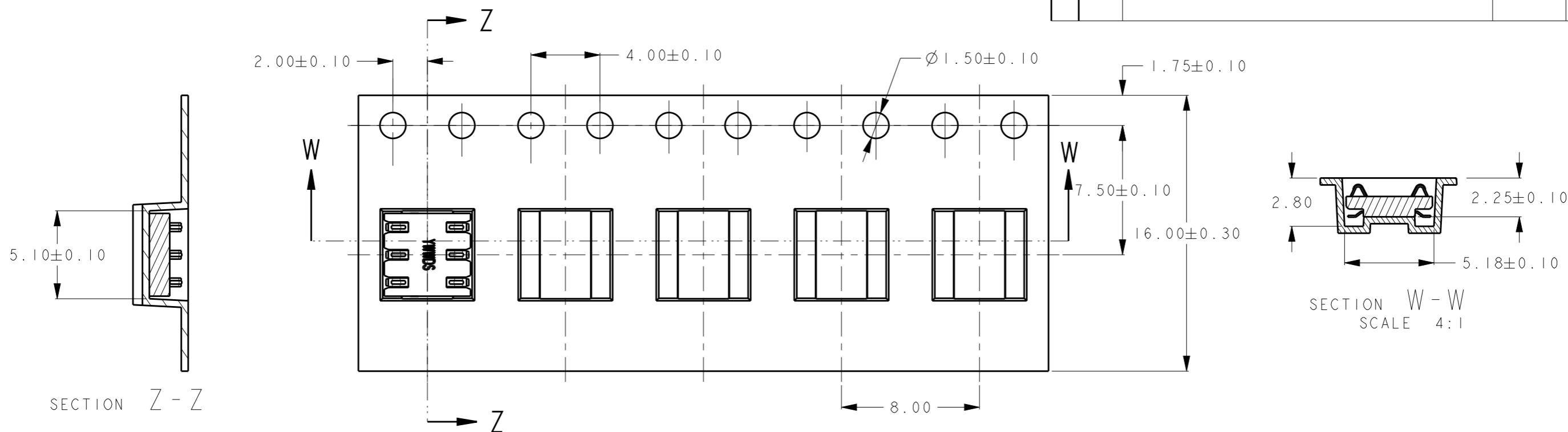
DWN	13NOV2013
CHK	RAY WANG
APVD	13NOV2013
PRODUCT SPEC	WENKE HE
APPLICATION SPEC	WENKE HE
WEIGHT	-
CUSTOMER DRAWING	

TE Connectivity


NAME
ONE PIECE BtoB CONNECTOR
6 PINS, 1.6MM PITCH, HI. 4, TWO ROWS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A300779	G-2199170		
SCALE	SHEET	OF	REV
20:1	1	2	A

1470-19 (3/11)



NOTES:
 1. MATERIAL: P.S CLEAR, 0.4MM THICKNESS.
 2. QUANTITY PER REEL: 3500 PIECES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	13NOV2013	 TE Connectivity	NAME ONE PIECE BtoB CONNECTOR 6 PINS, 1.6MM PITCH, HI.4 TWO ROWS
DIMENSIONS: mm		CHK	13NOV2013		
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.20		APVD	13NOV2013		
0-PLC ± 1-PLC ± 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±5°		PRODUCT SPEC	-		
MATERIAL		FINISH	-	APPLICATION SPEC	-
		WEIGHT	-	SIZE	A300779
		CUSTOMER DRAWING		CAGE CODE	C-2199170
				DRAWING NO	
				RESTRICTED TO	
				SCALE	20:1
				SHEET	2 OF 2
				REV	A