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LOC
ES

DIST

REVISIONS

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	A5	EOL as per ECR-24-209467	31MAY2024	SSM	SPS

PART NUMBER: 2199170-2

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

④ 1.60±0.10 PITCH

⑦ 0.50±0.05 6 PLC

⑥ 1.60±0.10 PITCH

⑧ 0.40±0.05 6 PLC

⑤ 1.60±0.10 PITCH

⑩ 0.95±0.03

⑪ 0.52

⑫ 0.29

F (N)

NORMAL FORCE CURVE

D (mm)

1.05

0.3 0.5 0.7

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

⑮ 3.00±0.10

⑫ *4.00±0.15

⑬ *4.80±0.15

⑯ 0.10±0.02

⑰ 0.05REF

⑱ 0.02^{+0.05}_{-0.02}

NOTES:

① MATERIAL
TERMINAL : COPPER ALLOY, THICKNESS 0.10mm.
HOUSING : HIGH TEMPERATURE THERMO PLASTIC UL94V-0 BLACK

② 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 0.1 MAX

④ PACKAGING : TAPE & REEL.
DATE CODE : "YWWDS"
YWW = PRODUCTION DATE (YEAR, WEEK, DAY).
S = SHIFT (D=DYA, N=NIGHT)

⑤ CONTACT CAN NOT TOUCH PCB & TAIL WHEN PRESS TO HOUSING SURFACE.

⑥ CONTACT CAN NOT EXCEED HOUSING EDGE WHEN PRESS TO HOUSING SURFACE

⑦ * 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	

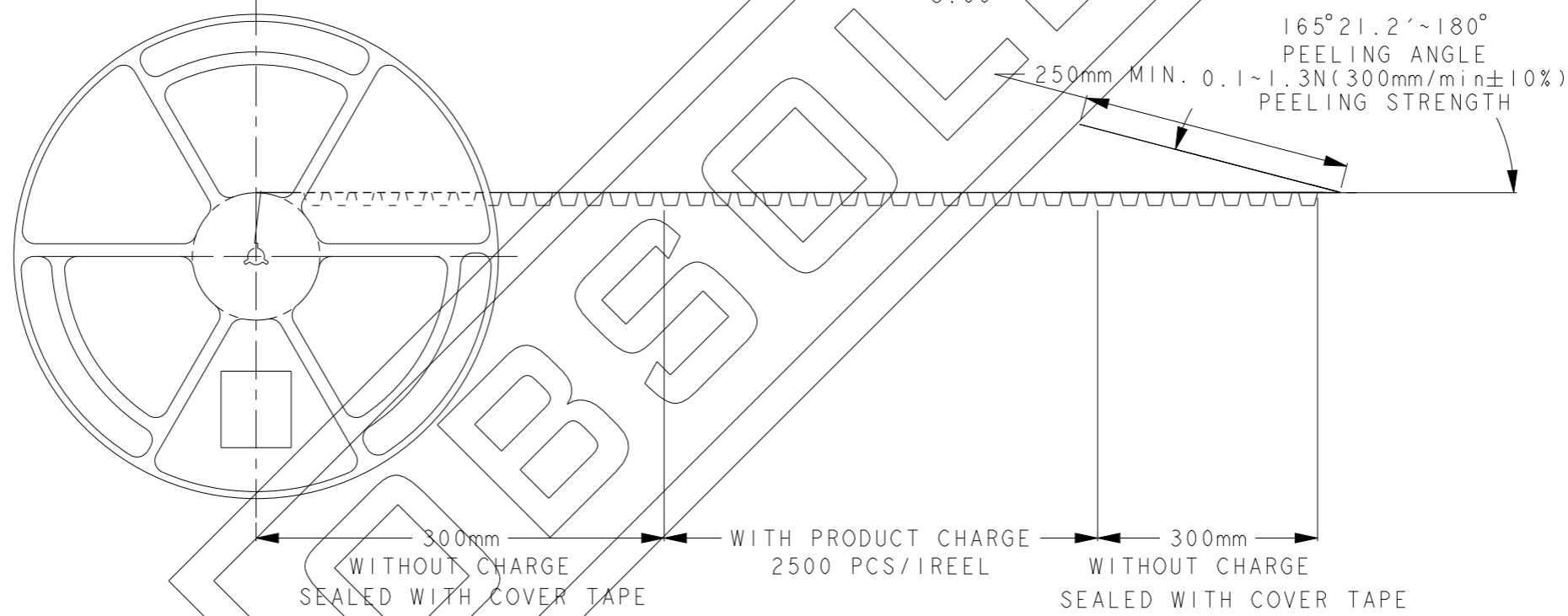
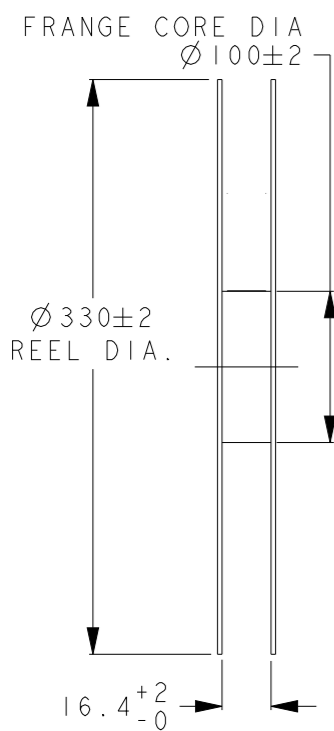
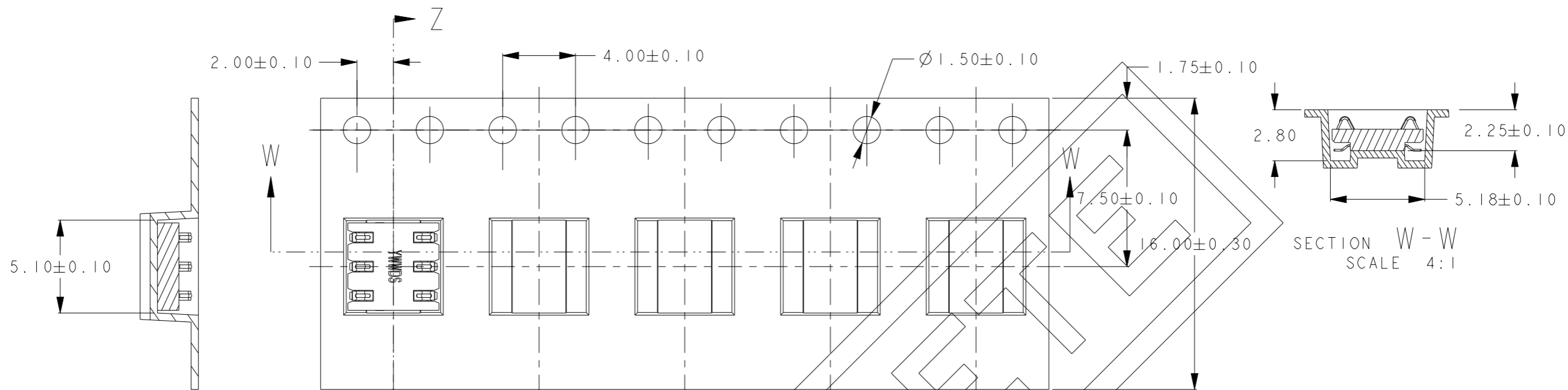
STE TE Connectivity

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 20:1 SHEET 1 OF 2 REV A5

1470-19 (3/11)



165° 21.2' ~ 180°
PEELING ANGLE
250mm MIN. 0.1~1.3N(300mm/min±10%)
PEELING STRENGTH

NOTES:
1. MATERIAL: P.S CLEAR, 0.4MM THICKNESS.
2. QUANTITY PER REEL: 2500 PIECES.

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		CHK	13NOV2013	
		APVD	13NOV2013	
		NAME	WENKE HE	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	-	ONE PIECE BtoB CONNECTOR 6 PINS, 1.6MM PITCH, HI.4, TWO ROWS
mm	± -	APPLICATION SPEC	-	
	0-PLC ±	WEIGHT	-	SIZE
	1-PLC ±	CUSTOMER DRAWING	-	CAGE CODE
	2-PLC ±	SCALE	20:1	DRAWING NO
	3-PLC ±	SHEET	2 OF 2	RESTRICTED TO
	4-PLC ±	REV	A5	
	ANGLES ±3°			
MATERIAL	FINISH			
1	2			