

# Product/Process Change Notice (PCN)



- Major change  
 Minor change

PCN #: ConFPC\_140401  
 Product Affected: 6861xx14422, 6861xx14122,  
 6863xx124422, 6871xx14522,  
 6871xx14022, 6873xx124422

- Product Mark  
 Date Code  
 Packaging  
 Others

Effective Date: 2014-04-01

Contact: Product Management

Tel: +49 7942 945-5001

Fax: +49 7942 945-5179

E-mail: [PCN.eican@we-online.de](mailto:PCN.eican@we-online.de)

Attachment:  Yes  No

Samples: No

## DESCRIPTION AND PURPOSE OF CHANGE:

We changed the width of the reel on FPC connector for some polarities. It is because of the presence of cap on the FPC connectors. So we had to adapt the place for the pieces in the reel. At the beginning there was no cap on the connectors, so now the width for some polarities was changed.

68610414422	68610414122	686304124422	68710414522	68710414022	687304124422
68610514422	68610614122	686305124422	68710514522	68710614022	687306124422
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68612614422	68613014122	686319124422	68713014522	68713014022	687333124422
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		686322124422	68713414522	68713414022	687350124422
		686323124422	68713514522	68713514022	
		686324124422	68713614522	68713614022	
		686325124422	68714014522	68714014022	
		686326124422	68714414522	68714414022	
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## RELIABILITY / QUALIFICATION SUMMARY:

N / A

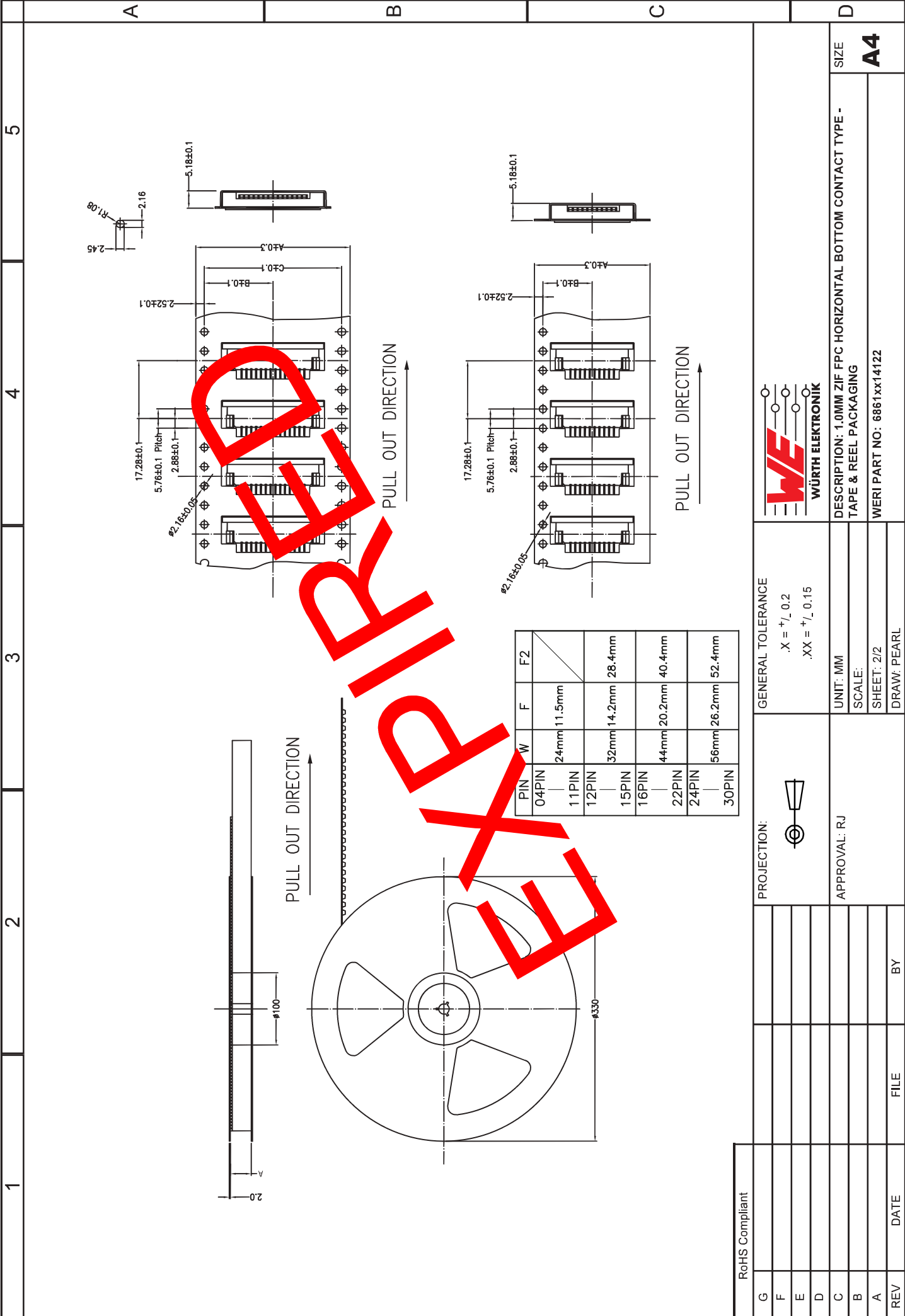
DATA SHEET CHANGE:

Yes

No

**Würth Elektronik**

1861 Avenue Henri Schneider 69881 Meyzieu Cedex - France · Phone +33427861000 · Fax +33427861079



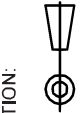
DRAFT



DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING  
 WERI PART NO: 6861xx14122

GENERAL TOLERANCE  
 .X = +<sub>-</sub> 0.2  
 .XX = +<sub>-</sub> 0.15

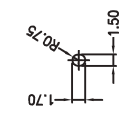
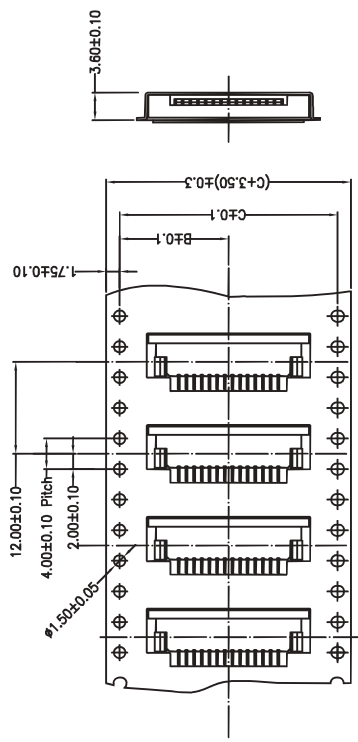
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 SCALE:  
 SHEET: 2/2  
 DRAW: PEARL



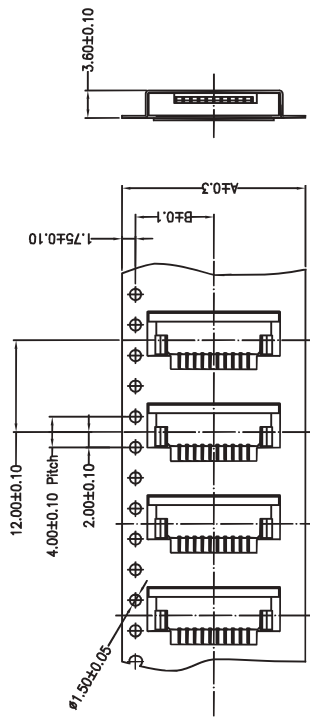
APPROVAL: RJ

RoHS Compliant					
G					
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REV	DATE	FILE	BY		

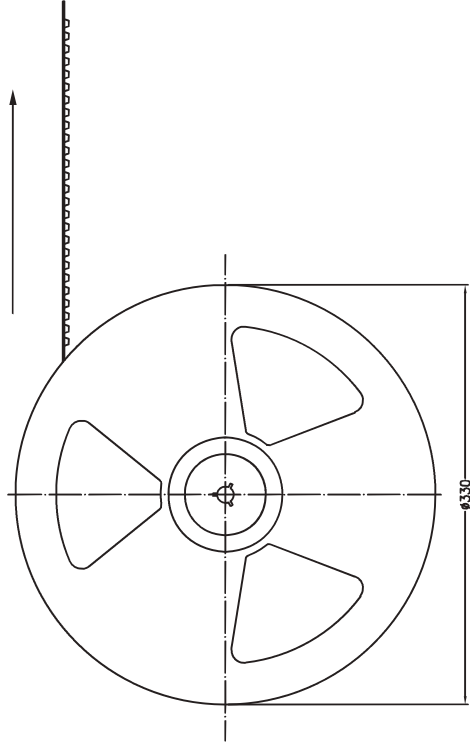
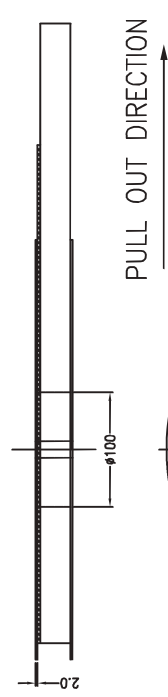
SIZE  
**A4**



PULL OUT DIRECTION



PULL OUT DIRECTION



	4-9 PIN	10-14 PIN	15-26 PIN	27-30 PIN
DIM.B	11.50	14.20	20.20	26.20
DIM.C	---	28.40	40.40	52.40
TAPE/CARTON	8PCS	6PCS	5PCS	4PCS

RoHS Compliant	
G	
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REV	DATE FILE BY

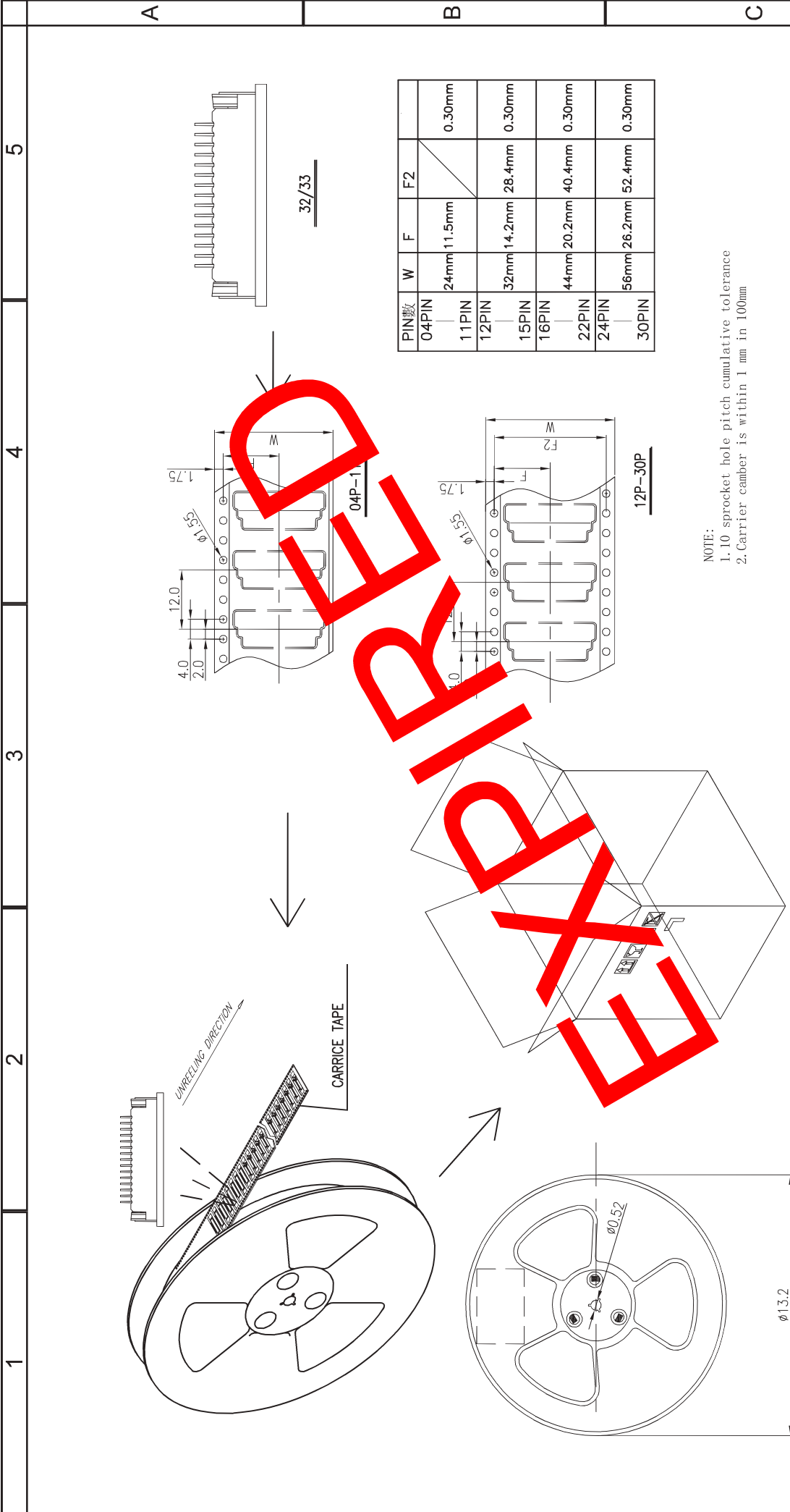
GENERAL TOLERANCE  
 .X = +/\_ 0.2  
 .XX = +/\_ 0.15



UNIT: MM  
 SCALE:  
 SHEET: 2/2  
 DRAW: PEARL

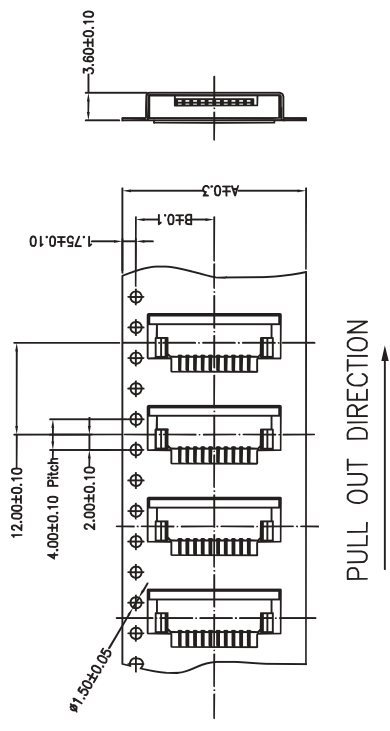
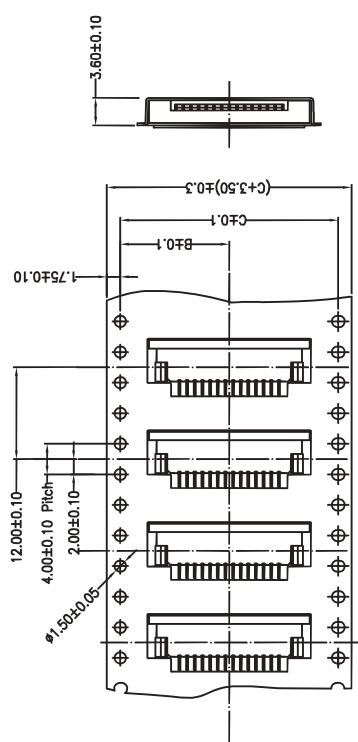
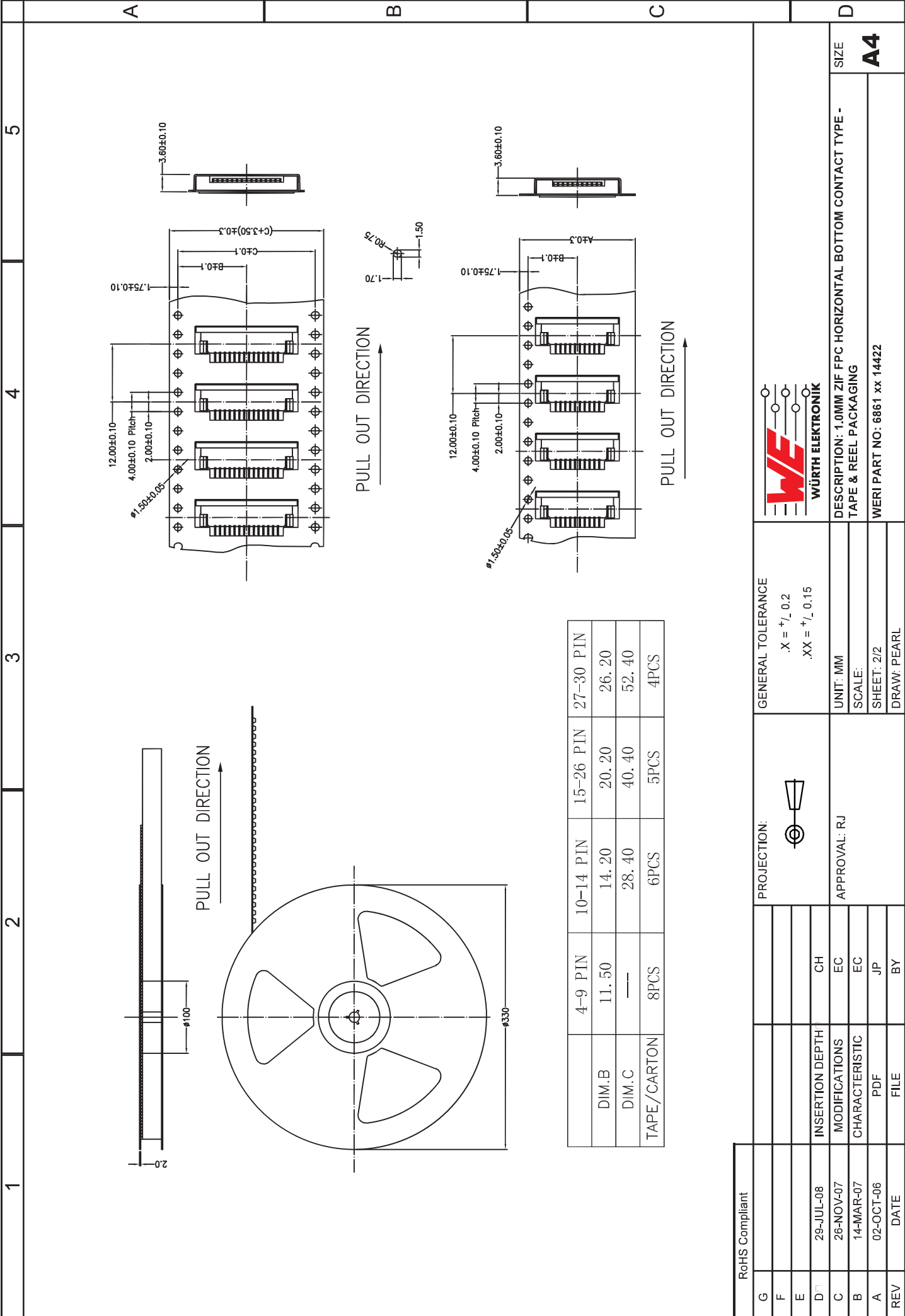
DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING  
 WERI PART NO: 6861xx14122

SIZE  
**A4**



NOTE:  
 1. 10 sprocket hole pitch cumulative tolerance  
 2. Carrier camber is within 1 mm in 100mm

RoHS Compliant		GENERAL TOLERANCE .X = + $\sqrt{}$ , 0.2 .XX = + $\sqrt{}$ , 0.15		PROJECTION: 		UNIT: MM SCALE: SHEET: 2/2 DRAW: PEARL		DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING		SIZE <b>A4</b>	
G											
F											
E											
D	29-JUL-08	INSERTION DEPTH	CH	APPROVAL: RJ							
C	26-NOV-07	MODIFICATIONS	EC								
B	14-MAR-07	CHARACTERISTIC	EC								
A	02-OCT-06	PDF	JP								
REV	DATE	FILE	BY								



	4-9 PIN	10-14 PIN	15-26 PIN	27-30 PIN
DIM.B	11.50	14.20	20.20	26.20
DIM.C	---	28.40	40.40	52.40
TAPE/CARTON	8PCS	6PCS	5PCS	4PCS

RoHS Compliant	
G	
F	
E	
D	CH
C	EC
B	EC
A	JP
REV	DATE

GENERAL TOLERANCE  
.X = +<sub>-</sub> 0.2  
.XX = +<sub>-</sub> 0.15



DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING  
WERI PART NO: 6861 xx 14422

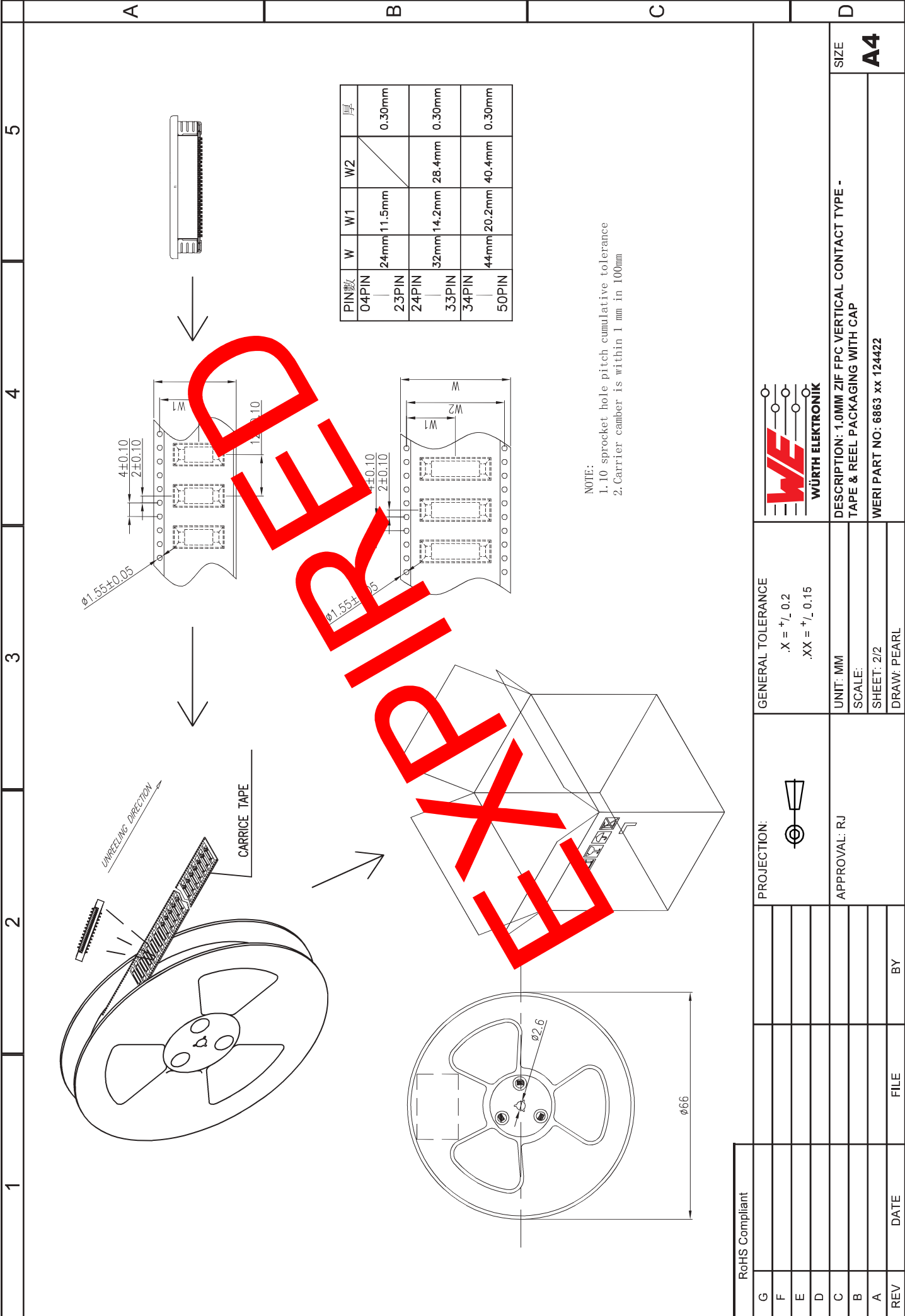
SIZE  
**A4**

UNIT: MM  
SCALE: SHEET: 2/2  
DRAW: PEARL



APPROVAL: RJ

INSERTION DEPTH	CH
MODIFICATIONS	EC
CHARACTERISTIC	EC
PDF	JP
FILE	BY



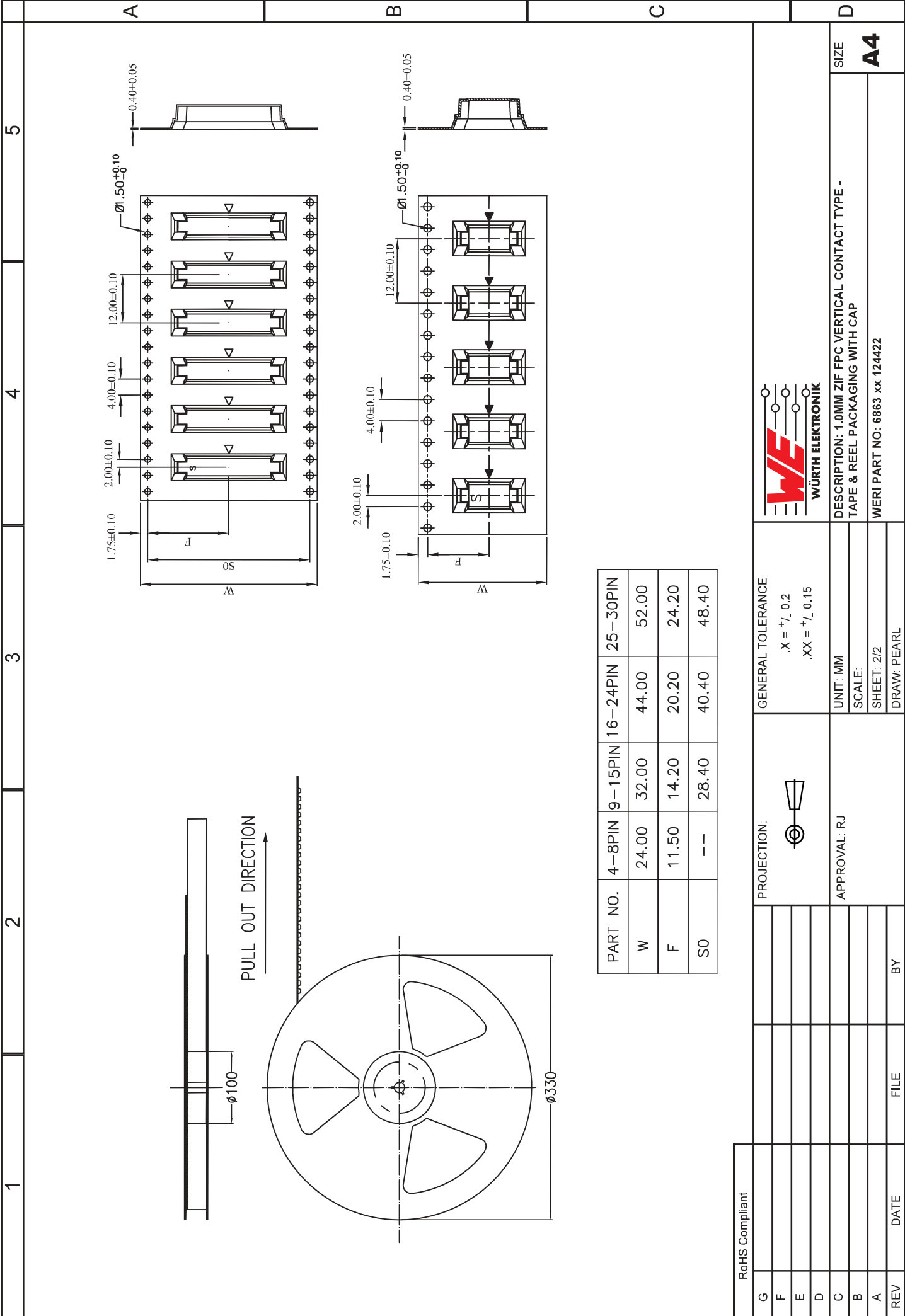
PIN数	W	W1	W2	厚
04PIN	24mm	11.5mm		0.30mm
23PIN				
24PIN	32mm	14.2mm	28.4mm	0.30mm
33PIN				
34PIN	44mm	20.2mm	40.4mm	0.30mm
50PIN				

NOTE:  
 1. 1.0 sprocket hole pitch cumulative tolerance  
 2. Carrier camber is within 1 mm in 100mm

RoHS Compliant	
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REV	DATE FILE BY

GENERAL TOLERANCE .X = +, 0.2 .XX = +, 0.15	PROJECTION: 
UNIT: MM SCALE: SHEET: 2/2 DRAW: PEARL	APPROVAL: RJ

		DESCRIPTION: 1.0MM ZIF FPC VERTICAL CONTACT TYPE - TAPE & REEL PACKAGING WITH CAP	SIZE
		WERI PART NO: 6863 xx 124422	<b>A4</b>



PART NO.	4-8PIN	9-15PIN	16-24PIN	25-30PIN
W	24.00	32.00	44.00	52.00
F	11.50	14.20	20.20	24.20
SO	--	28.40	40.40	48.40

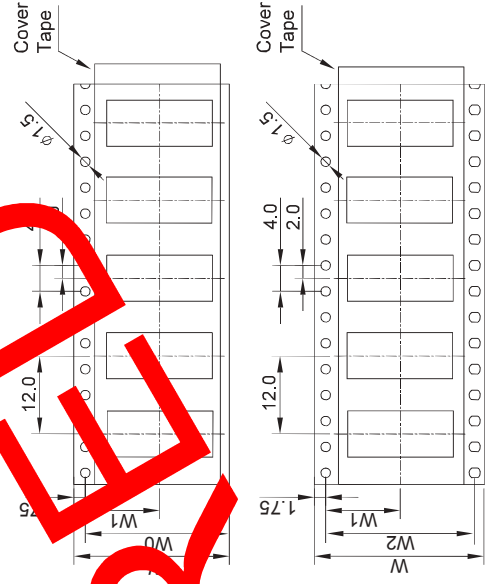
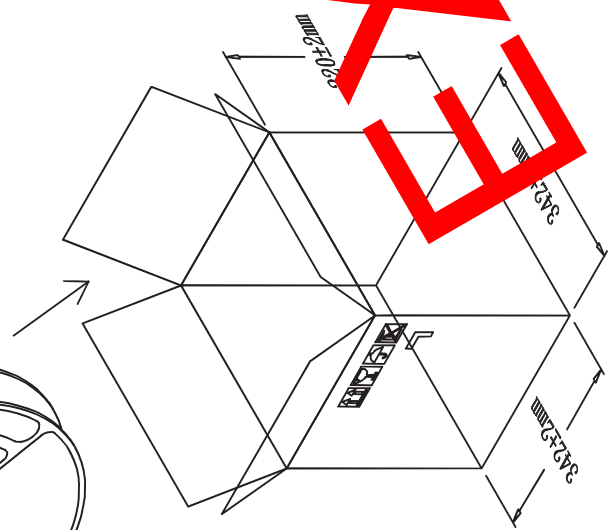
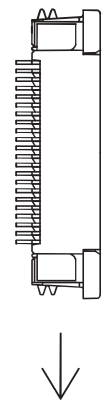
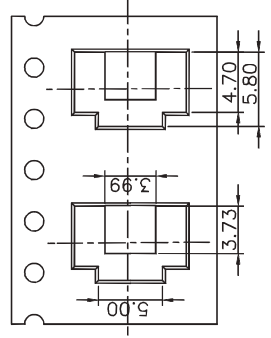
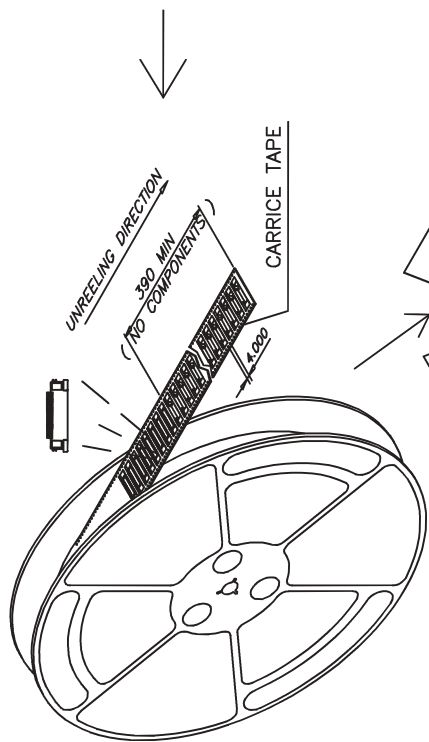
RoHS Compliant	
G	
F	
E	
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A	
REV	DATE

PROJECTION:	
APPROVAL: RJ	
UNIT: MM	
SCALE:	
SHEET: 2/2	
DRAW: PEARL	

GENERAL TOLERANCE	.X = $\pm$ 0.2 .XX = $\pm$ 0.15
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**WÜRTH ELEKTRONIK**  
 DESCRIPTION: 1.0MM ZIF FPC VERTICAL CONTACT TYPE - TAPE & REEL PACKAGING WITH CAP  
 WERI PART NO: 6863 xx 124422

SIZE  
**A4**



**NOTE:**  
 1. 1.10 sprocket hole pitch cumulative tolerance ±0.20  
 2. Carrier camber is within 1 mm in 100mm  
 3. CARTON SIZE : 342\*342\*220MM

According to EIA Standard

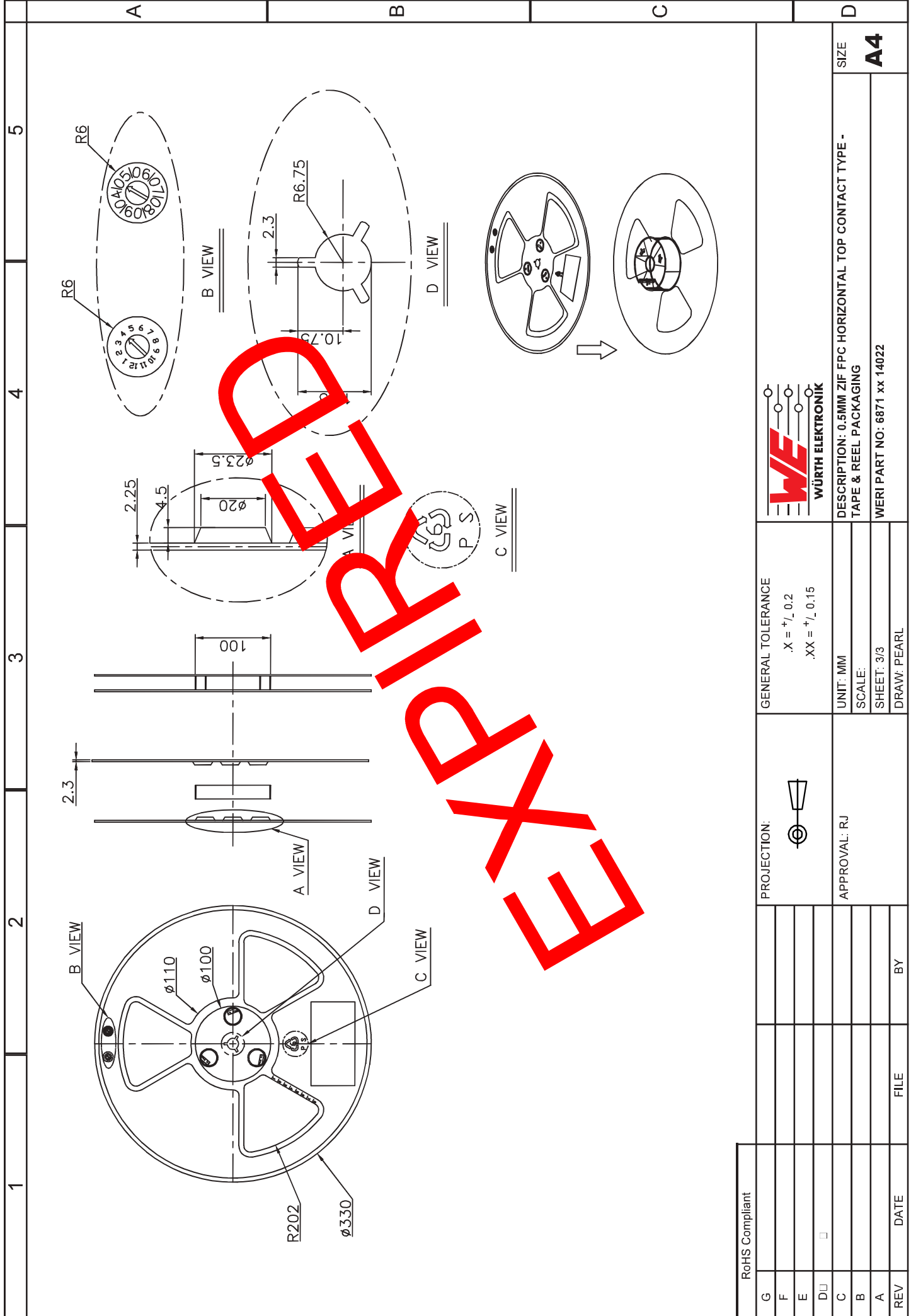
Nb PIN	W 1	W 2	W 3	PH
31 to 50	20.2	40.4	44	12
21 to 31	14.2	28.4	32	12
17 to 20	11.5	24	NA	8
07 to 16	11.5	24	NA	12
04 to 06	7.5	16	NA	12

2000PCS/REEL

RoHS Compliant



G	GENERAL TOLERANCE	PROJECTION: APPROVAL: RJ	<b>WÜRTH ELEKTRONIK</b> DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING WERI PART NO: 6871 xx 14022	SIZE <b>A4</b>
F	.X = + <sub>L</sub> 0.2			
E	.XX = + <sub>L</sub> 0.15			
D	UNIT: MM			
C	SCALE:			
B	SHEET: 2/3	DATE	FILE	BY
A	DRAW: PEARL			

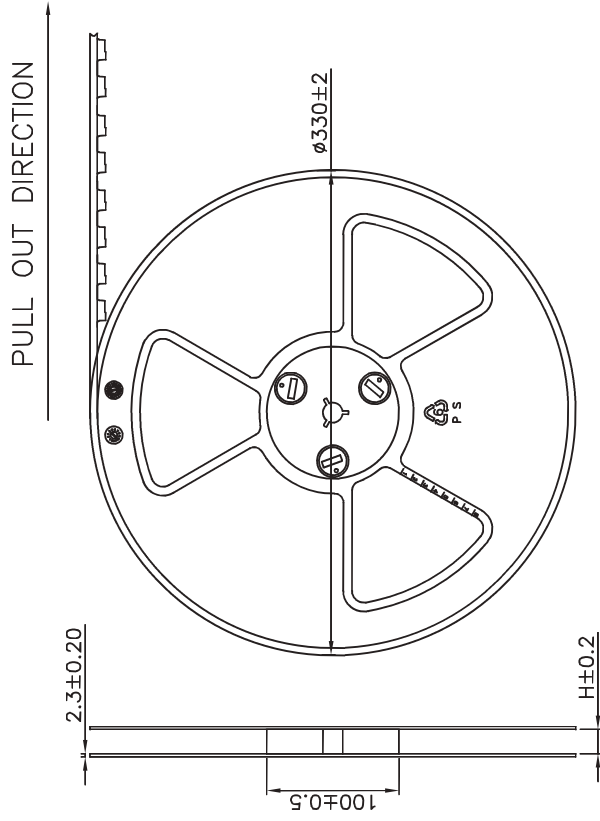
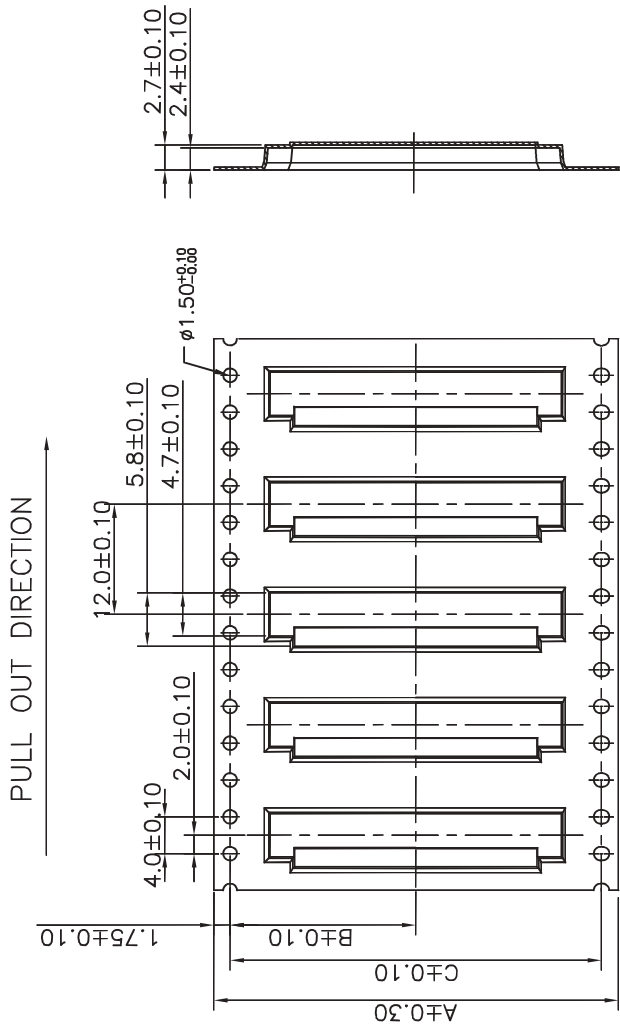
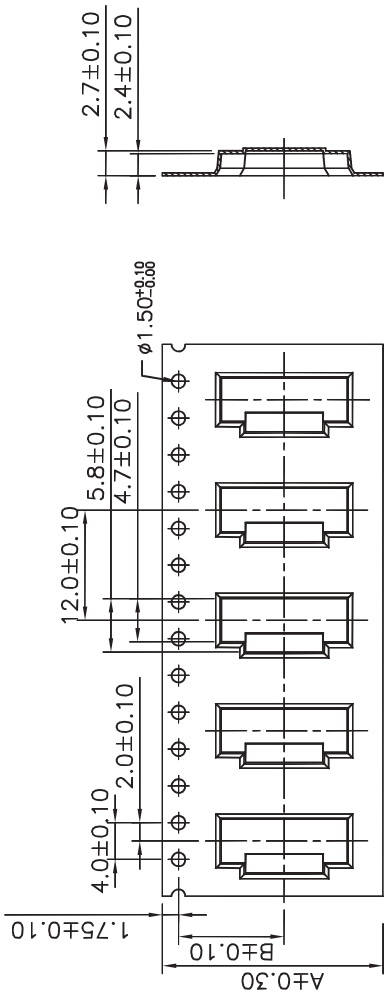




1 2 3 4 5

A B C D

RoHS Compliant	GENERAL TOLERANCE .X = + <sub>-</sub> 0.2 .XX = + <sub>-</sub> 0.15		 <b>WÜRTH ELEKTRONIK</b> DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING WERI PART NO: 6871 xx 14022	
G	PROJECTION:	UNIT: MM	SIZE	
F		SCALE:	A4	
E	APPROVAL: RJ	SHEET: 3/3		
DU		DRAW: PEARL		
C				
B				
A				
REV	DATE	FILE	BY	



Dimension	4-6 PIN	8-20 PIN	22-30 PIN	32-50 PIN	32-50 PIN
A	16	24	32	44	44
B	7.5	11.5	14.2	20.2	20.2
C	/	/	28.4	40.4	40.4
H	16.5	24.5	32.5	44.5	44.5
RFFL/CTN	9	7	5	4	4

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +<sub>L</sub>, 0, 2  
.XX = +<sub>L</sub>, 0, 15

APPROVAL: RJ



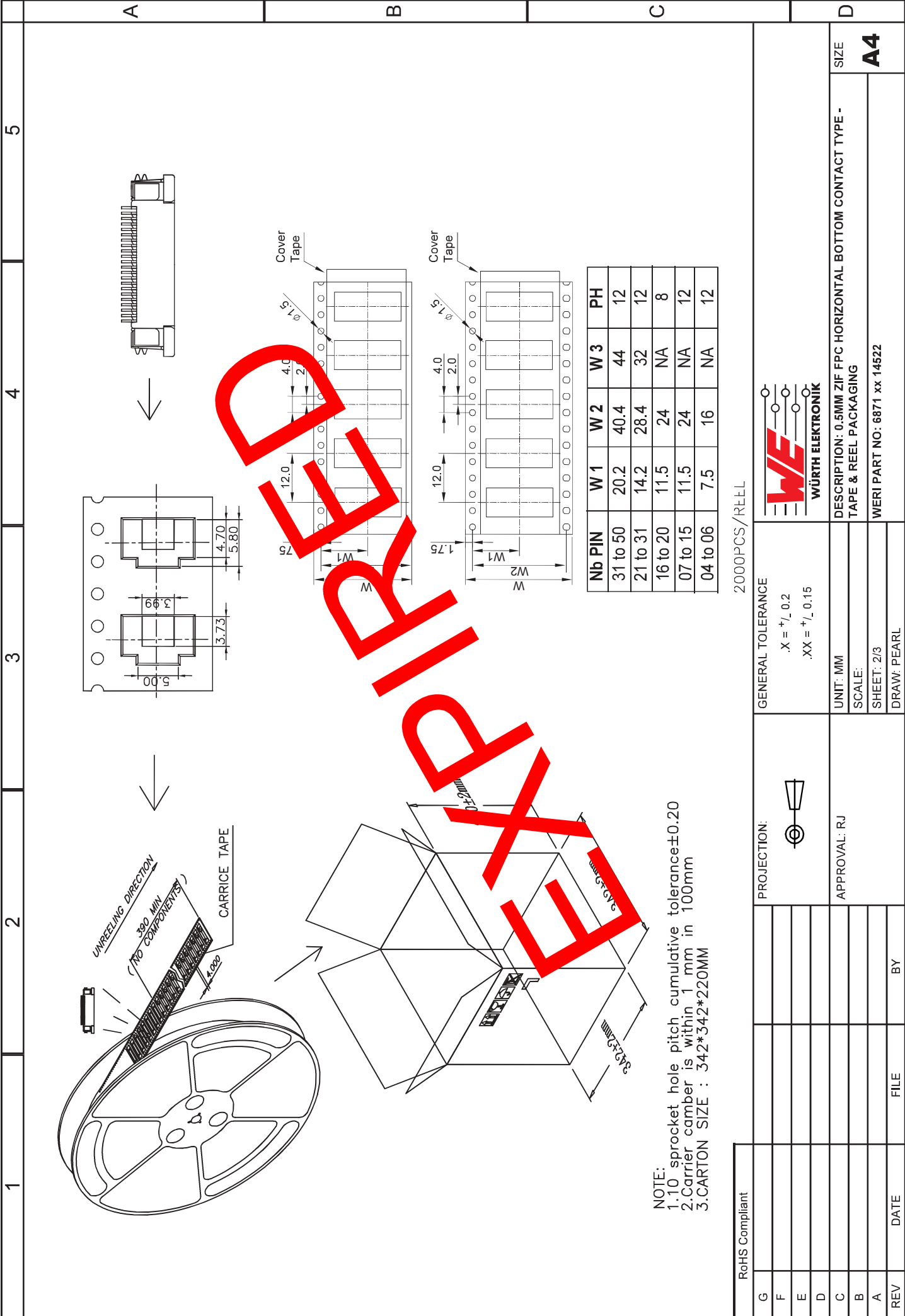
DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING

WERI PART NO: 6871 xx 14022

SIZE

**A4**

REV	DATE	FILE	BY



NOTE:  
 1. 1.10 sprocket hole pitch cumulative tolerance  $\pm 0.20$   
 2. Carrier camber is within 1 mm in 100mm  
 3. CARTON SIZE : 342\*342\*220MM

Nb PIN	W 1	W 2	W 3	PH
31 to 50	20.2	40.4	44	12
21 to 31	14.2	28.4	32	12
16 to 20	11.5	24	NA	8
07 to 15	11.5	24	NA	12
04 to 06	7.5	16	NA	12

2000PCS/REEL



DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING  
 WERI PART NO: 6871 xx 14522

GENERAL TOLERANCE

.X =  $\pm$ , 0.2  
 .XX =  $\pm$ , 0.15

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL

PROJECTION:



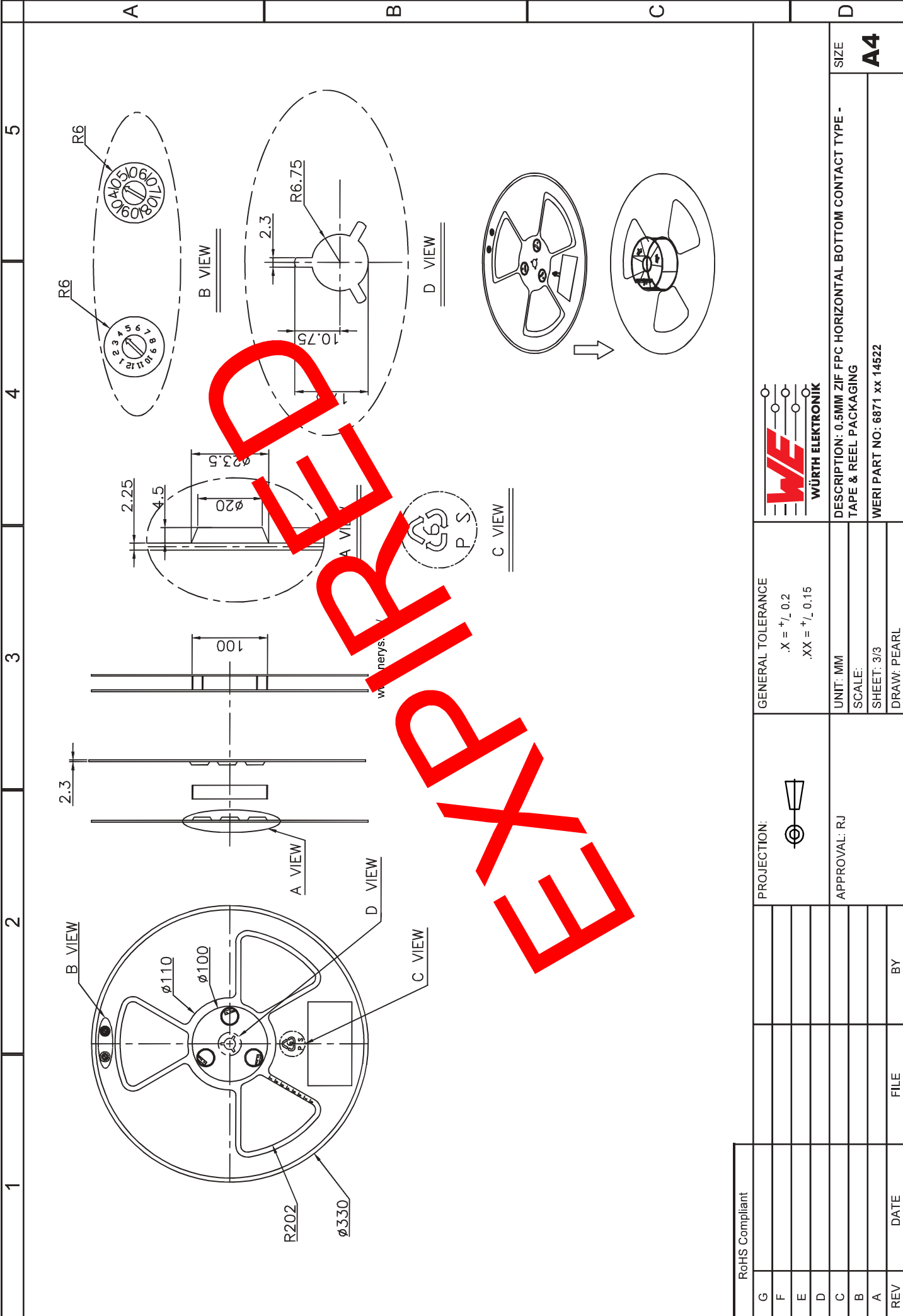
APPROVAL: RJ

SIZE

**A4**

RoHS Compliant

REV	DATE	FILE	BY
G			
F			
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B			
A			

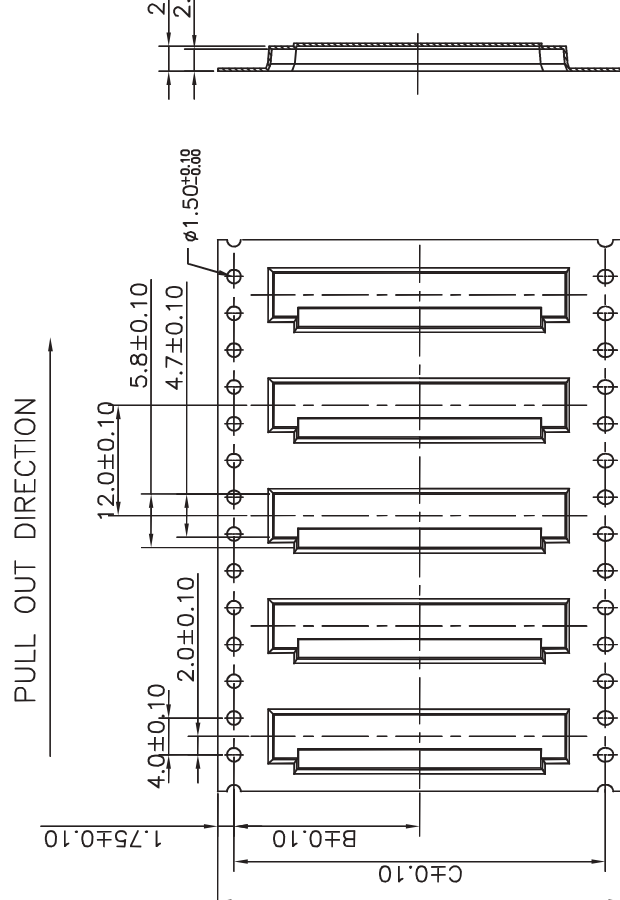
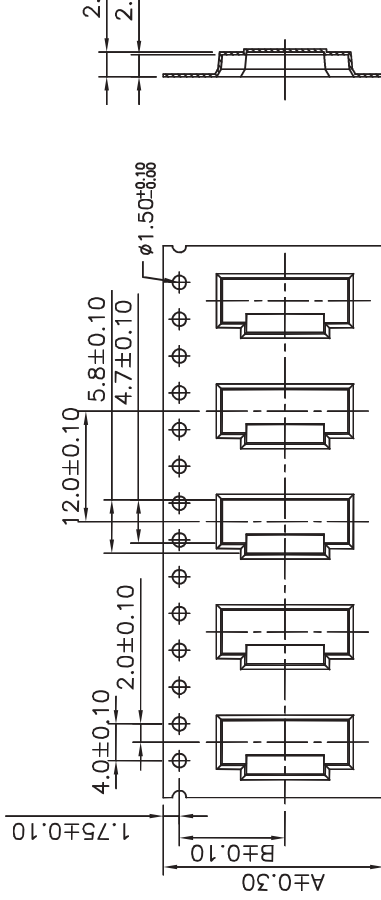
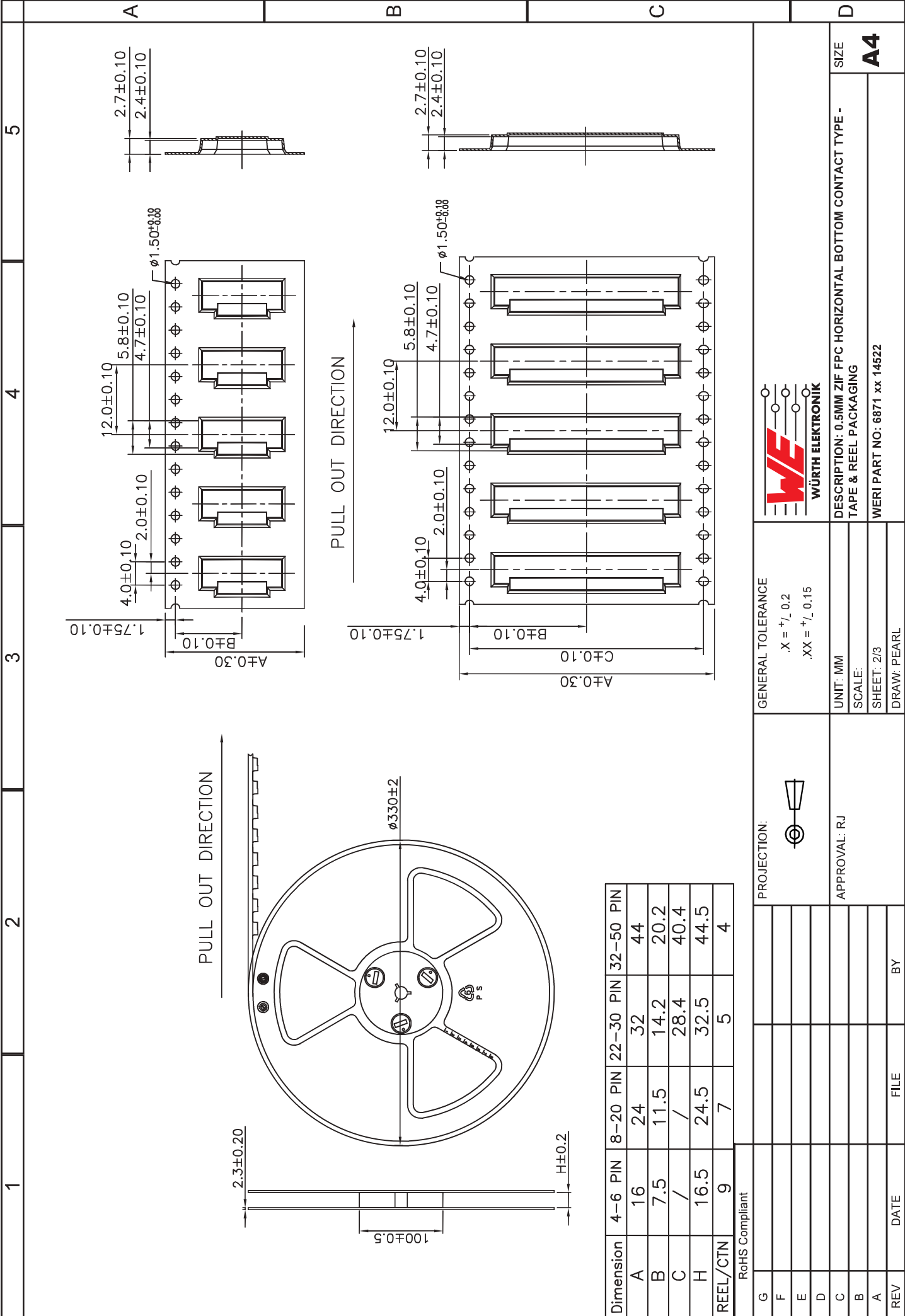


EXPIRED

RoHS Compliant				
G				
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D				
C				
B				
A				
REV	DATE	FILE	BY	

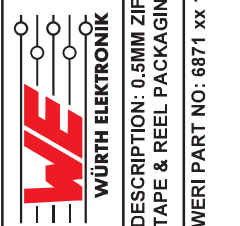
GENERAL TOLERANCE	
.X = $\pm$ , 0.2 .XX = $\pm$ , 0.15	
UNIT: MM	APPROVAL: RJ
SCALE:	
SHEET: 3/3	
DRAW: PEARL	

 <b>WÜRTH ELEKTRONIK</b>	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING	SIZE
	WERI PART NO: 6871 xx 14522	<b>A4</b>



Dimension	4-6 PIN	8-20 PIN	22-30 PIN	32-50 PIN	44 PIN
A	16	24	32	44	44
B	7.5	11.5	14.2	20.2	20.2
C	/	/	28.4	40.4	40.4
H	16.5	24.5	32.5	44.5	44.5
REEL/CTN	9	7	5	4	4

REV	DATE	FILE	BY



GENERAL TOLERANCE  
.X = +, 0.2  
.XX = +, 0.15

UNIT: MM  
SCALE:  
SHEET: 2/3  
DRAW: PEARL

DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING  
WERI PART NO: 6871 xx 14522

RoHS Compliant	PROJECTION:	APPROVAL: RJ

SIZE  
**A4**

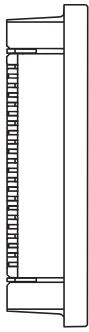
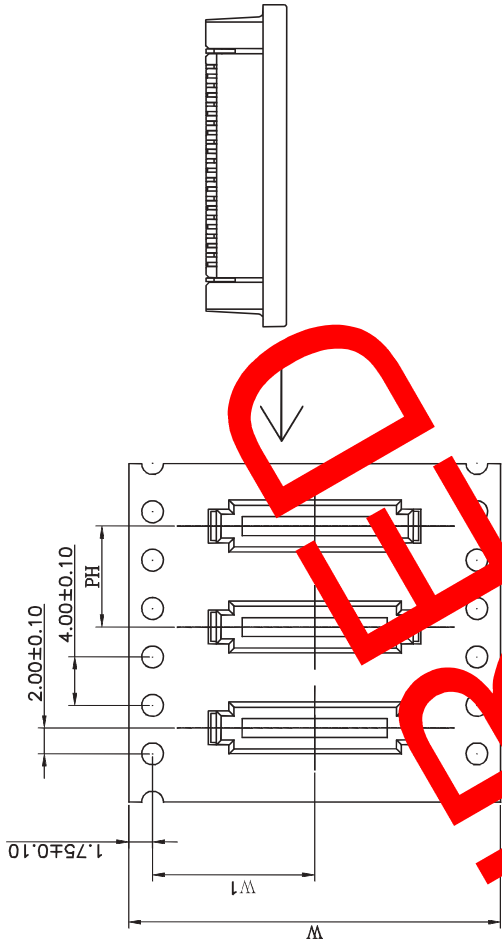
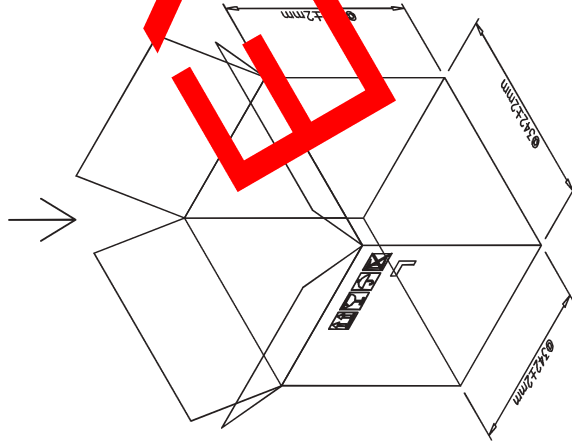
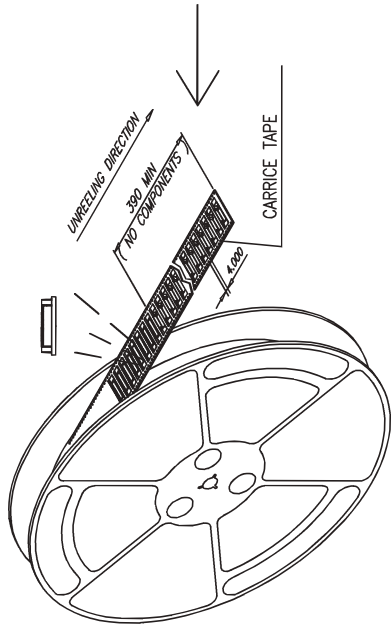
1

2

3

4

5



NOTE:  
 1. 1.10 sprocket hole pitch cumulative tolerance  $\pm 0.2$   
 2. Carrier camber is within 1 mm in 100mm  
 3. CARTON SIZE : 342\*342\*220MM

A

B

C

D

RoHS Compliant

G

F

E

D

C

B

A

REV

DATE

FILE

BY

PROJECTION:



APPROVAL: RJ

GENERAL TOLERANCE

.X =  $\pm 0.2$

.XX =  $\pm 0.15$

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL

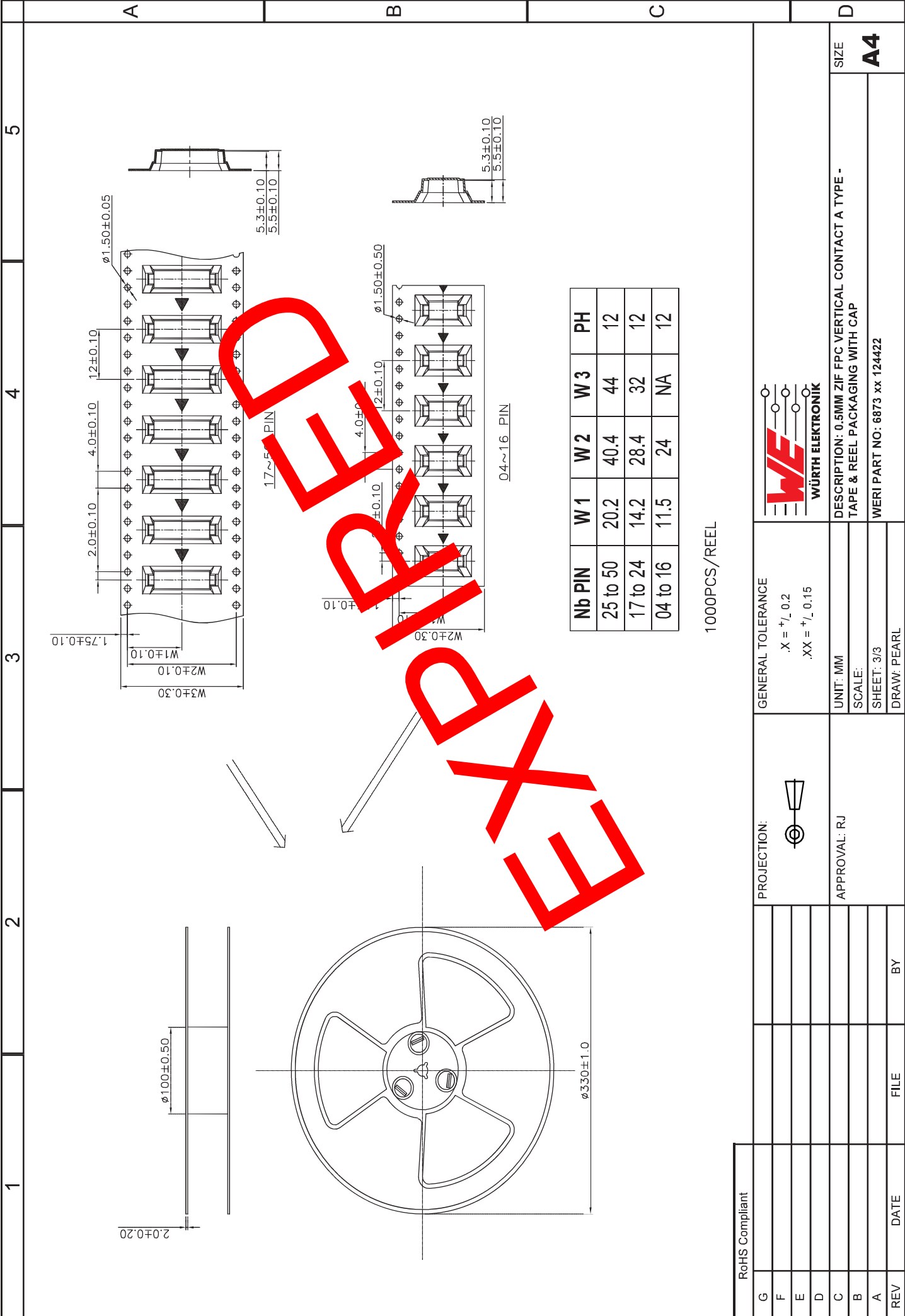


DESCRIPTION: 0.5MM ZIF FPC VERTICAL CONTACT A TYPE -  
 TAPE & REEL PACKAGING WITH CAP

WERI PART NO: 6873 xx 124422

SIZE

A4

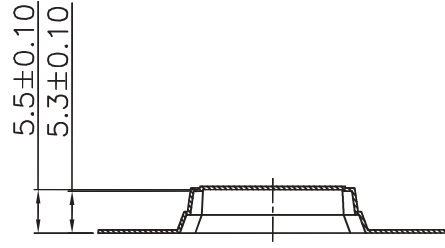
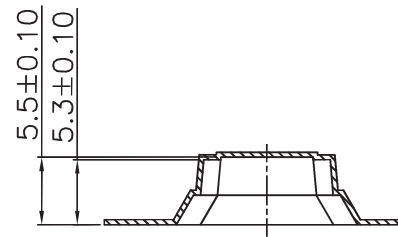
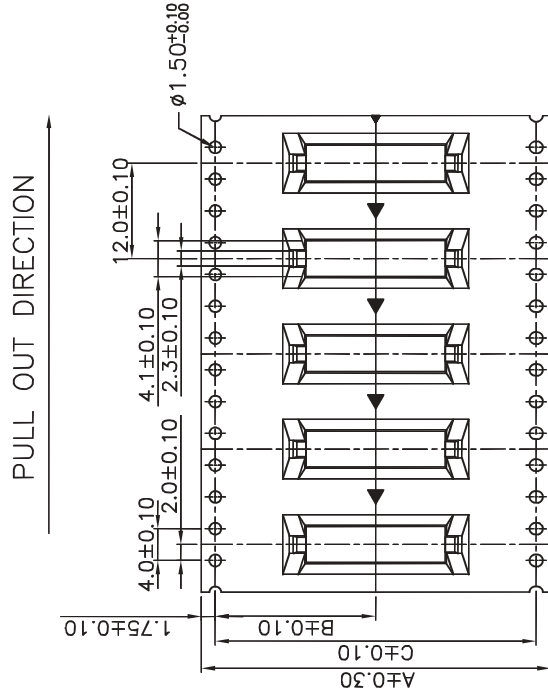
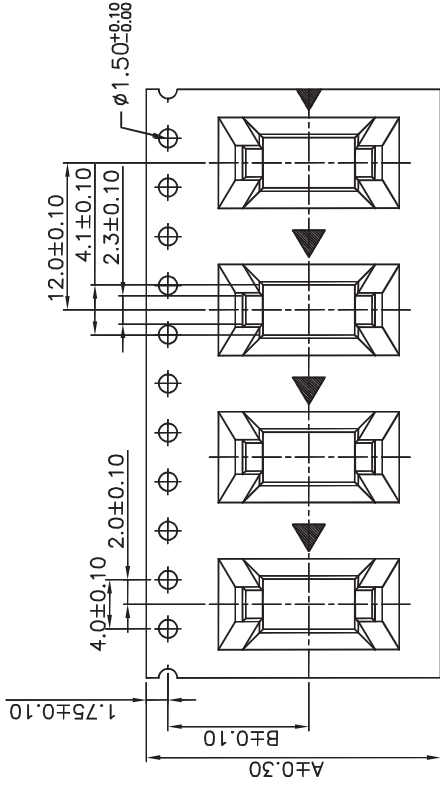
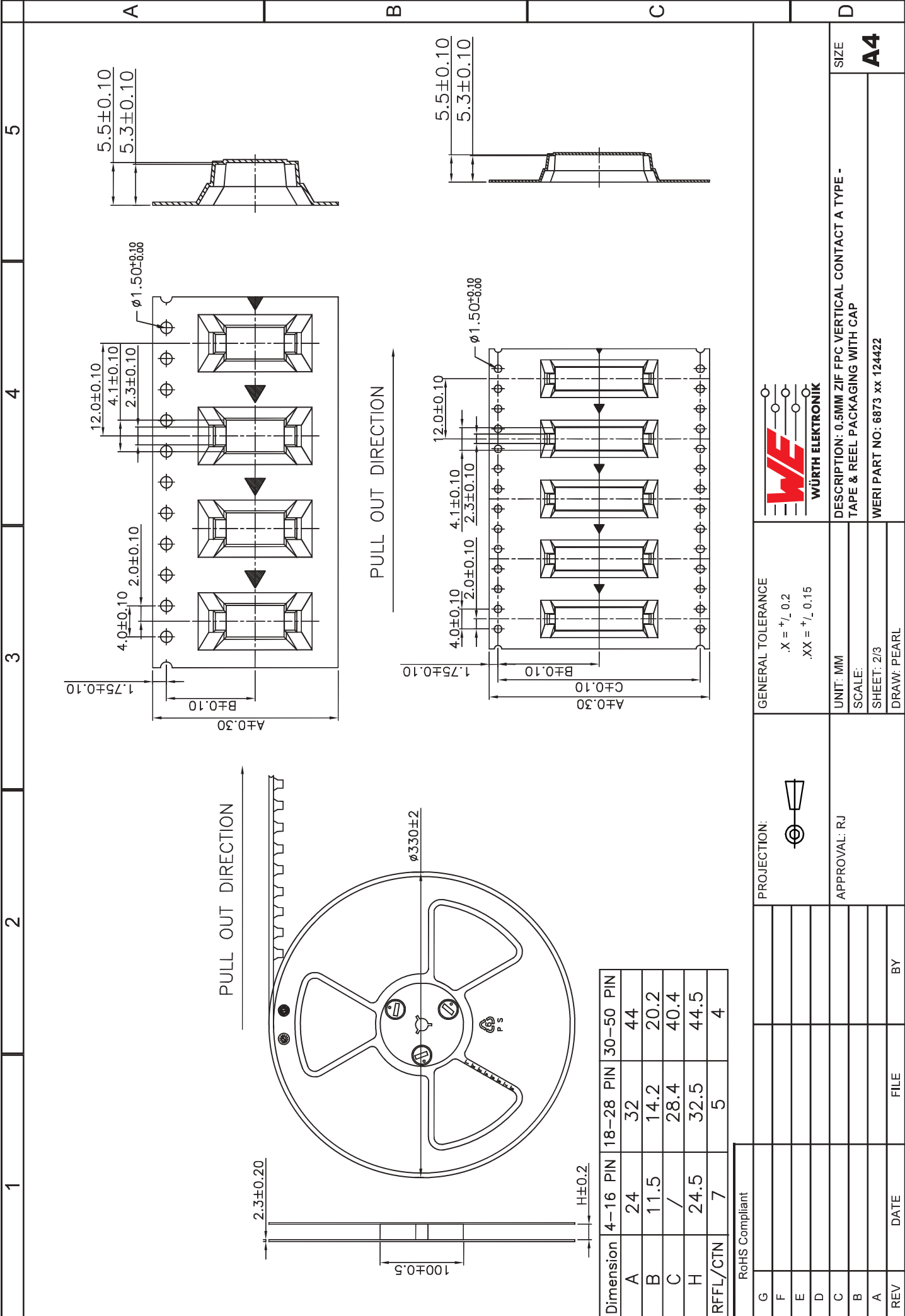


EXPIRED

RoHS Compliant	
G	
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B	
A	
REV	DATE FILE BY

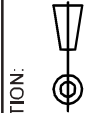
GENERAL TOLERANCE	.X = +/_ 0.2 .XX = +/_ 0.15
PROJECTION:	
UNIT: MM	APPROVAL: RJ
SCALE:	
SHEET: 3/3	
DRAW: PEARL	

		DESCRIPTION: 0.5MM ZIF FPC VERTICAL CONTACT A TYPE - TAPE & REEL PACKAGING WITH CAP	SIZE
		WERI PART NO: 6873 xx 124422	<b>A4</b>



Dimension	4-16 PIN	18-28 PIN	30-50 PIN
A	24	32	44
B	11.5	14.2	20.2
C	/	28.4	40.4
H	24.5	32.5	44.5
RFFL/CTN	7	5	4

RoHS Compliant



PROJECTION:

APPROVAL: RJ

GENERAL TOLERANCE

.X = +, 0.2  
.XX = +, 0.15

UNIT: MM

SCALE:

SHEET: 2/3

DRAW: PEARL



DESCRIPTION: 0.5MM ZIF FPC VERTICAL CONTACT A TYPE - TAPE & REEL PACKAGING WITH CAP  
WERI PART NO: 6873 xx 124422

SIZE

**A4**

REV DATE FILE BY