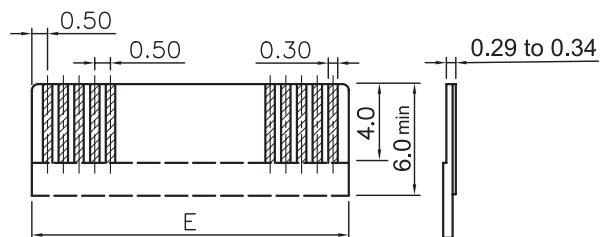
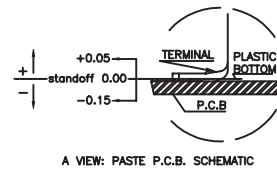
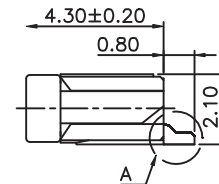
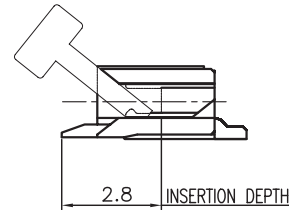


RECOMMENDED PCB LAYOUT - COMPONENT VIEW



APPLICABLE FFC LAYOUT



MATERIAL:  
HOUSING MATERIAL: LCP  
COLOR: IVORY  
ACTUATOR MATERIAL: LCP  
COLOR: BLACK  
CONTACT MATERIAL: PHOSPOR BRONZE  
CONTACT PLATING: 100μ" TIN OVER 50μ" NI  
QUALITY CLASS: 25 MATING CYCLES\*

ENVIRONNEMENTAL:  
OPERATING TEMPERATURE: -25°C UP TO 85°C  
FLAMABILITY RATING: UL94-V0  
COMPLIANCE: LEAD FREE AND ROHS

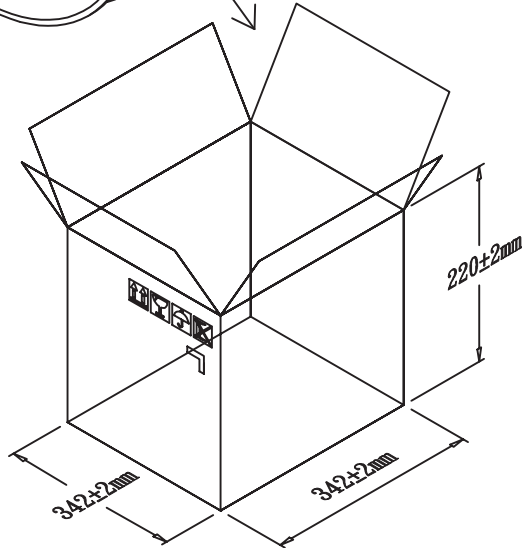
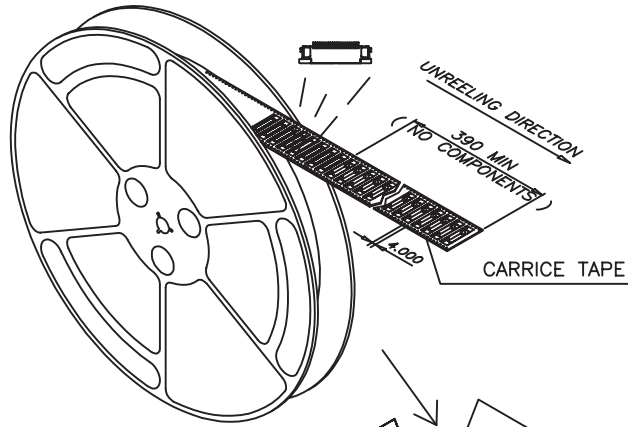
ELECTRICAL:  
CURRENT RATING: 0.5A  
WORKING VOLTAGE: 50V  
INSULATION RESISTANCE: >100MOHM  
DIELECTRIC WITHSTANDING VOLT.: 250VAC/MN  
CONTACT RESISTANCE: 20mOHM MAX

STANDARD  
CERTIFIED: E323964 / MODEL NUMBER 687  
FOLLOWED BY 1, FOLLOWED BY 04 THRU 50, FOLLOWED  
BY 140 OR 145, FOLLOWED BY NUMERIC DIGITS

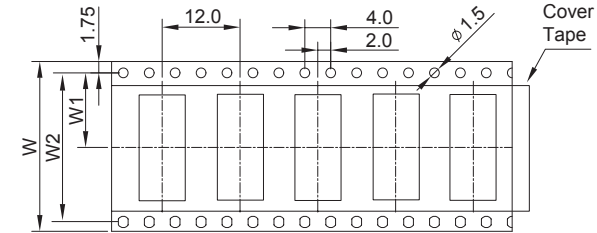
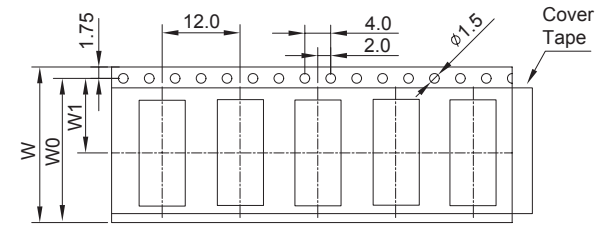
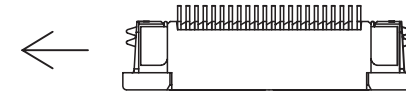
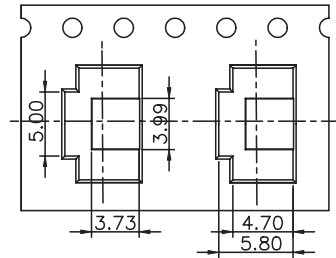
SOLDERING:  
REFLOW PROCESS ONLY

DIMENSION:  
B = 0.5 x NB PINS + 6.4  
C = 0.5 x (NB PINS - 1)  
D = 0.5 x (NB PINS + 1) + 0.1  
E = 0.5 x (NB PINS + 1)

RoHS Compliant		*NOTE: theoretical value related to the Tin plating; however, due to the sensitive actuator, we recommend not to make more than 1 or 2 cycles in order to maintain acceptable mechanical & electrical conditions			
				PROJECTION:	GENERAL TOLERANCE
					.X = $\pm 0.2$
					.XX = $\pm 0.15$
				APPROVAL: RJ	UNIT: MM
					SCALE:
H	23-JAN-13	UNIT $\mu \Rightarrow \mu''$	QL		SHEET: 1/3
REV	DATE	FILE	BY		DRAW: PEARL
					DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING WERI PART NO: 6871 xx 14522
					SIZE <b>A4</b>





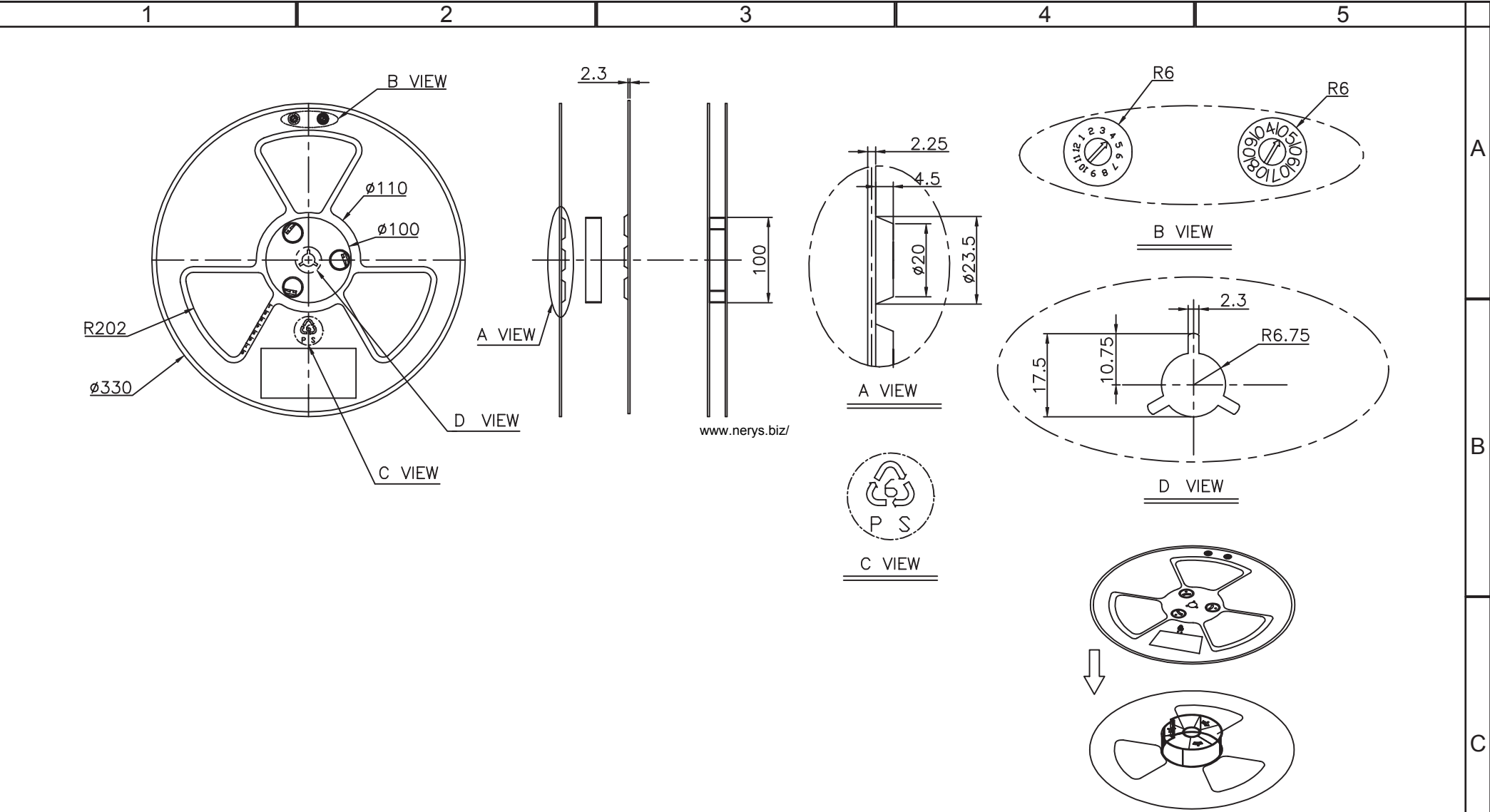
NOTE:  
 1.10 sprocket hole pitch cumulative tolerance $\pm 0.20$   
 2.Carrier camber is within 1 mm in 100mm  
 3.CARTON SIZE : 342\*342\*220MM



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

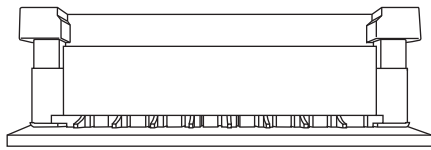
2000PCS/REEL

RoHS Compliant				2000PCS/REEL				
G				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = <math>\pm</math> 0.2</div> <div>.XX = <math>\pm</math> 0.15</div>	<div></div> <div>WÜRTH ELEKTRONIK</div>		
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING		D
B					SCALE:			
A					SHEET: 2/3	WERI PART NO: 6871 xx 14522		
REV	DATE	FILE	BY		DRAW: PEARL			

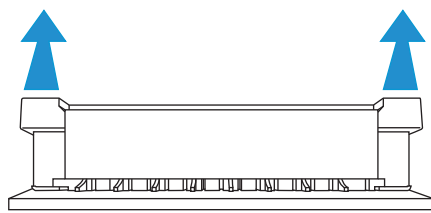


RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING WERI PART NO: 6871 xx 14522	SIZE <b>A4</b>
G								
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM			
B								
A								
REV	DATE	FILE	BY					

①



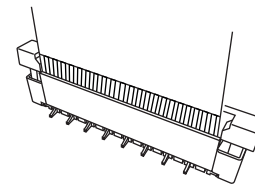
②



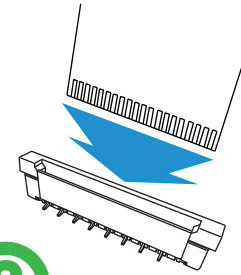
Pull the actuator upwards in the open position

Ⓐ

①



②



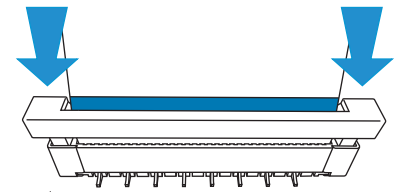
Insert the FFC cable vertically until the conductor almost disappears

Ⓑ

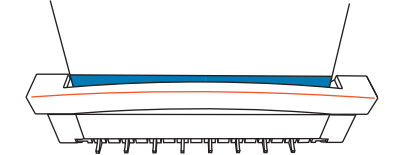


Press actuator in the middle to make there is no gap and the actuator is locked

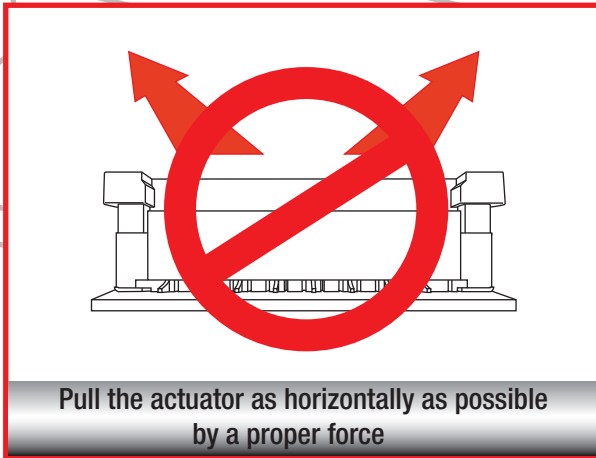
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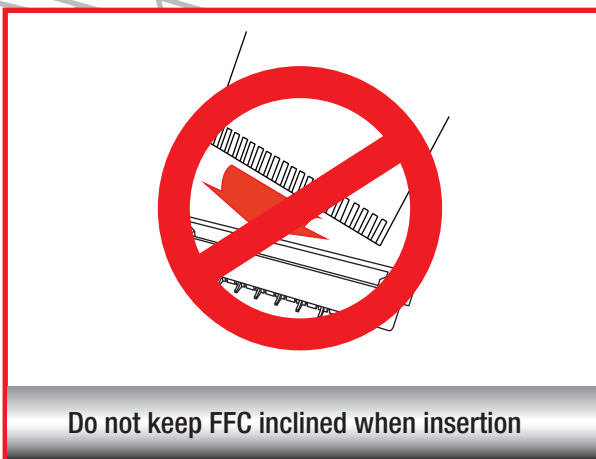
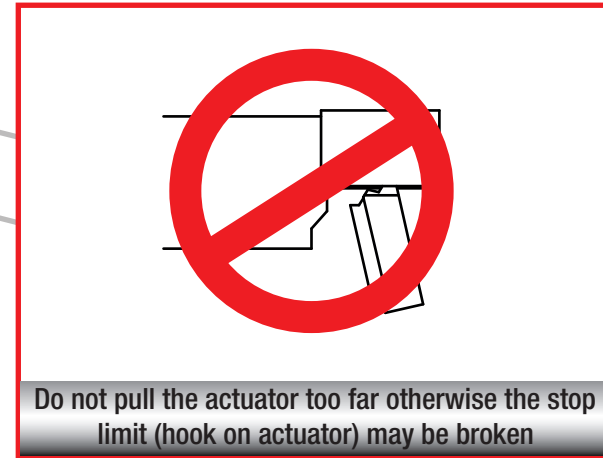
②



Press both ends of the actuator



A



B

