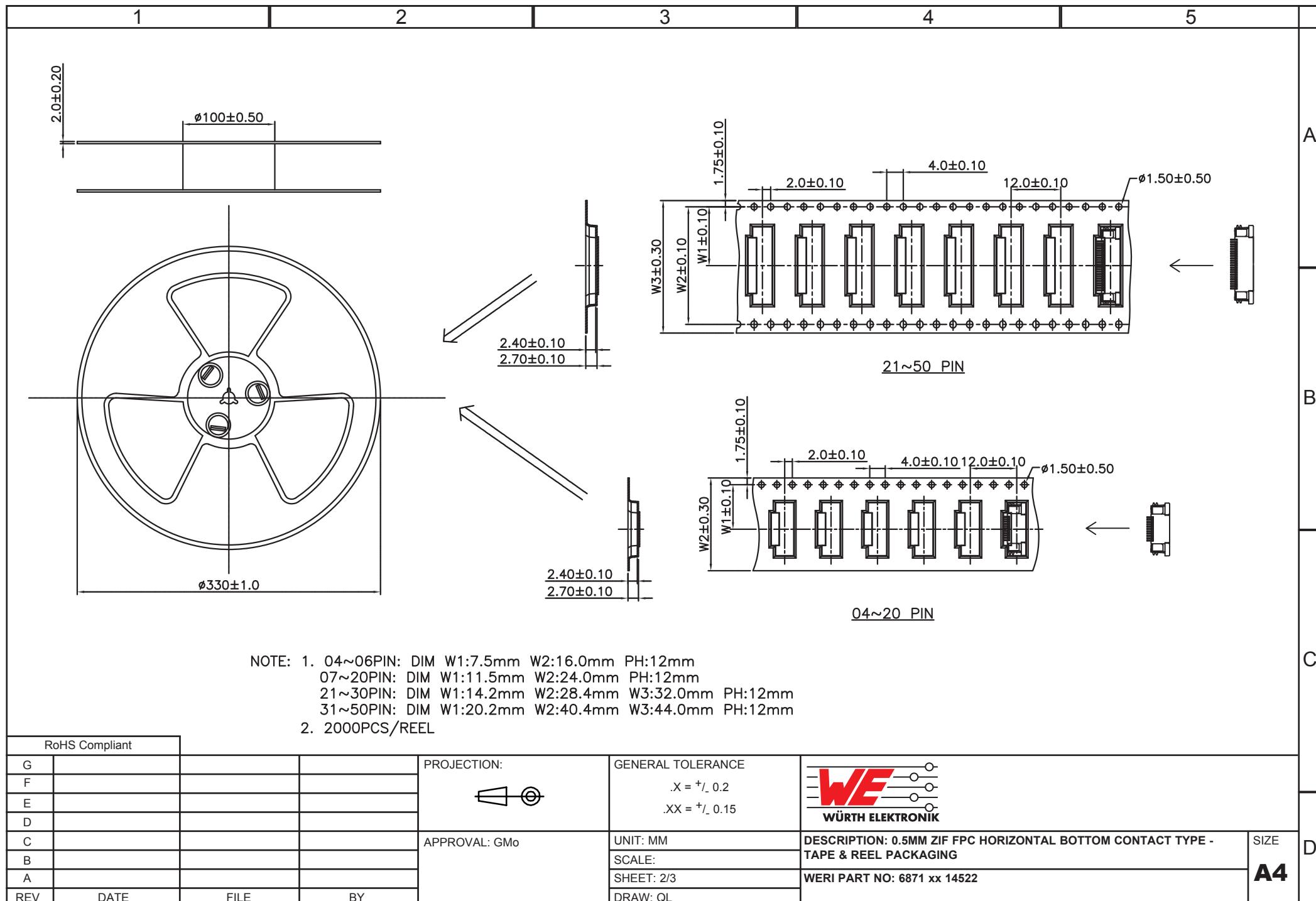


1	2	3	4	5
			<p>MATERIAL: HOUSING MATERIAL: LCP COLOR: IVORY ACTUATOR MATERIAL: PA9T COLOR: BLACK CONTACT MATERIAL: PHOSPOR BRONZE CONTACT PLATING: 100μ" TIN OVER 50μ" NI QUALITY CLASS: 25 MATING CYCLES*</p> <p>ENVIRONNEMENTAL: OPERATING TEMPERATURE: -25°C UP TO 85°C FLAMMABILITY RATING: UL94-V0 COMPLIANCE: LEAD FREE AND ROHS</p> <p>ELECTRICAL: CURRENT RATING: 0.5A WORKING VOLTAGE: 50V INSULATION RESISTANCE: >100 MOHM DIELECTRIC WITHSTANDING VOLT.: 250 VAC/MN CONTACT RESISTANCE: 20 mOHM MAX</p>	<p>A</p>
<u>Accommodated FFC/FPC</u>				
			<p>STANDARD CERTIFIED: E323964</p> <p>FOLLOWED BY 1, FOLLOWED BY 04 THRU 50, FOLLOWED BY 140 OR 145, FOLLOWED BY NUMERIC DIGITS</p> <p>SOLDERING: JEDEC LEAD FREE REFLOW SOLDERING</p> <p>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)</p>	<p>B</p>
				<p>C</p>
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			
M	22-JUN-17	RECOMMEND. FFC	AK	<p>PROJECTION: </p> <p>APPROVAL: GMo</p> <p>UNIT: MM</p> <p>SCALE:</p> <p>SHEET: 1/3</p> <p>DRAW: QL</p>
L	25-APR-17	ACTUATOR MAT.	AK	
K	09-MAY-16	TPK UPDATE	AK	
J	01-JUN-15	TPK UPDATE	QL	
I	13-DEC-13	TPK UPDATE	QL	
H	23-JAN-13	UNIT μ => μ "	QL	
REV	DATE	FILE	BY	
				<p>WF WÜRTH ELEKTRONIK</p> <p>DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING</p> <p>WERI PART NO: 687 1xx 145 22</p> <p>SIZE A4</p>



1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Wurth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

RoHS Compliant			
G			
F			
E			
D			
C			
B			
A	10-SEP-14	PDF	QL
REV	DATE	FILE	BY



APPROVAL: JC

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

UNIT: MM

SCALE:

SHEET: 3/3

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

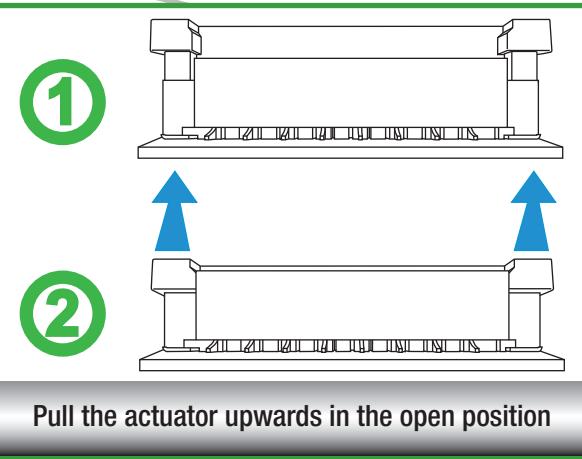
A

B

C

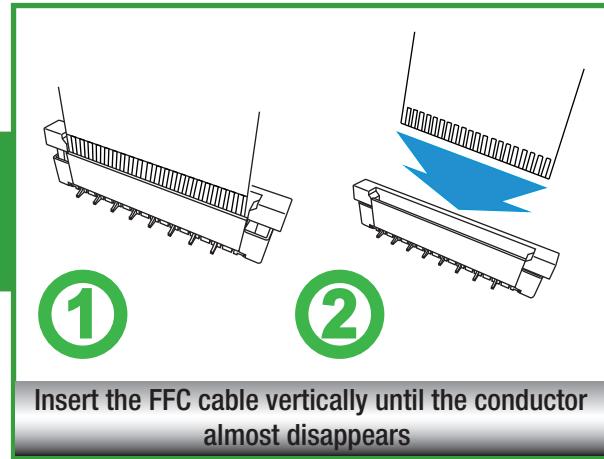
D

SIZE
A4



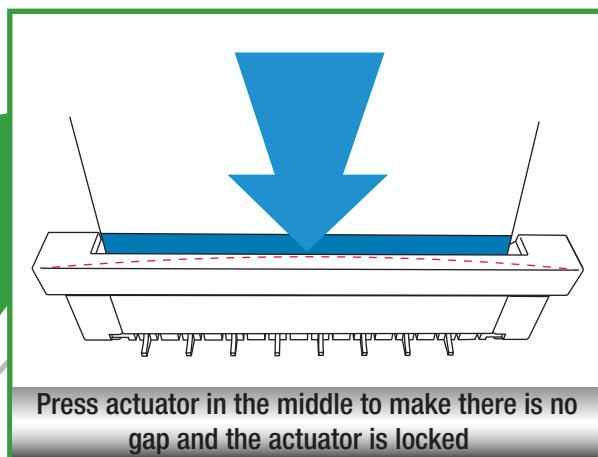
Pull the actuator upwards in the open position

A

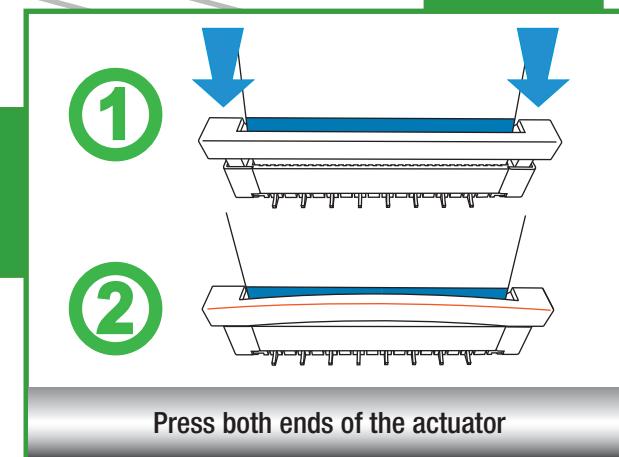


Insert the FFC cable vertically until the conductor almost disappears

B



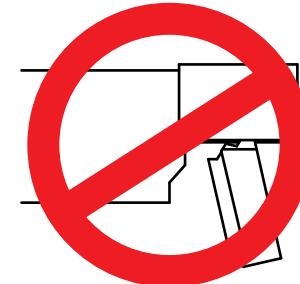
Press actuator in the middle to make there is no gap and the actuator is locked



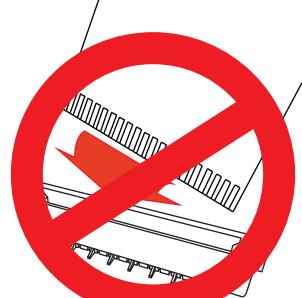
Press both ends of the actuator



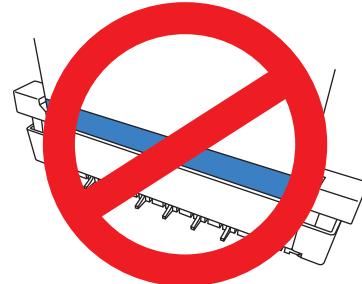
Pull the actuator as horizontally as possible by a proper force



Do not pull the actuator too far otherwise the stop limit (hook on actuator) may be broken



Do not keep FFC inclined when insertion



Don't keep conductor toward actuator