

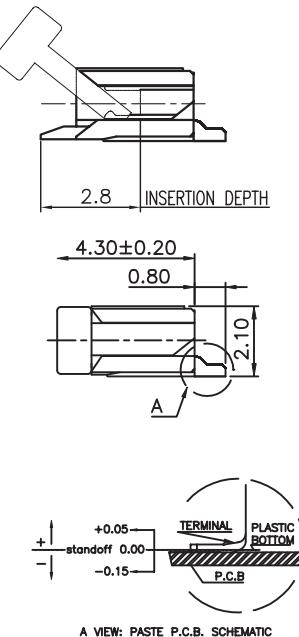
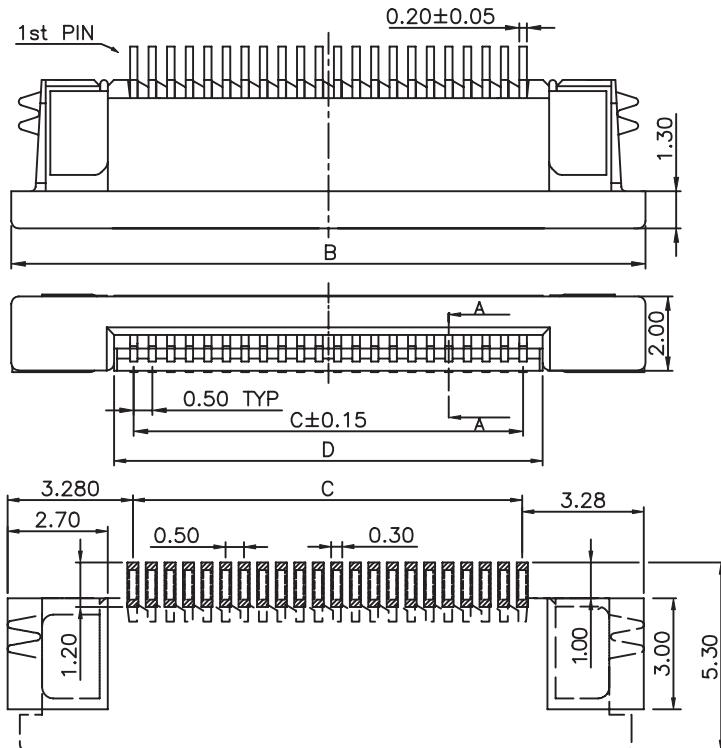
1

2

3

4

5



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

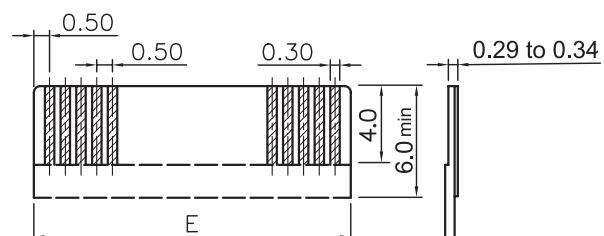
ENVIRONNEMENTAL:  
 OPERATING TEMPERATURE: -25°C UP TO 85°C  
 FLAMABILITY RATING: UL94-V0  
 COMPLIANCE: LEAD FREE AND ROHS

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)



APPLICABLE FFC LAYOUT

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



APPROVAL: RJ

UNIT: MM

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

SIZE

A4

I 13-DEC-13

TPK UPDATE

QL

H 23-JAN-13

UNIT  $\mu$  =>  $\mu$ "

QL

REV

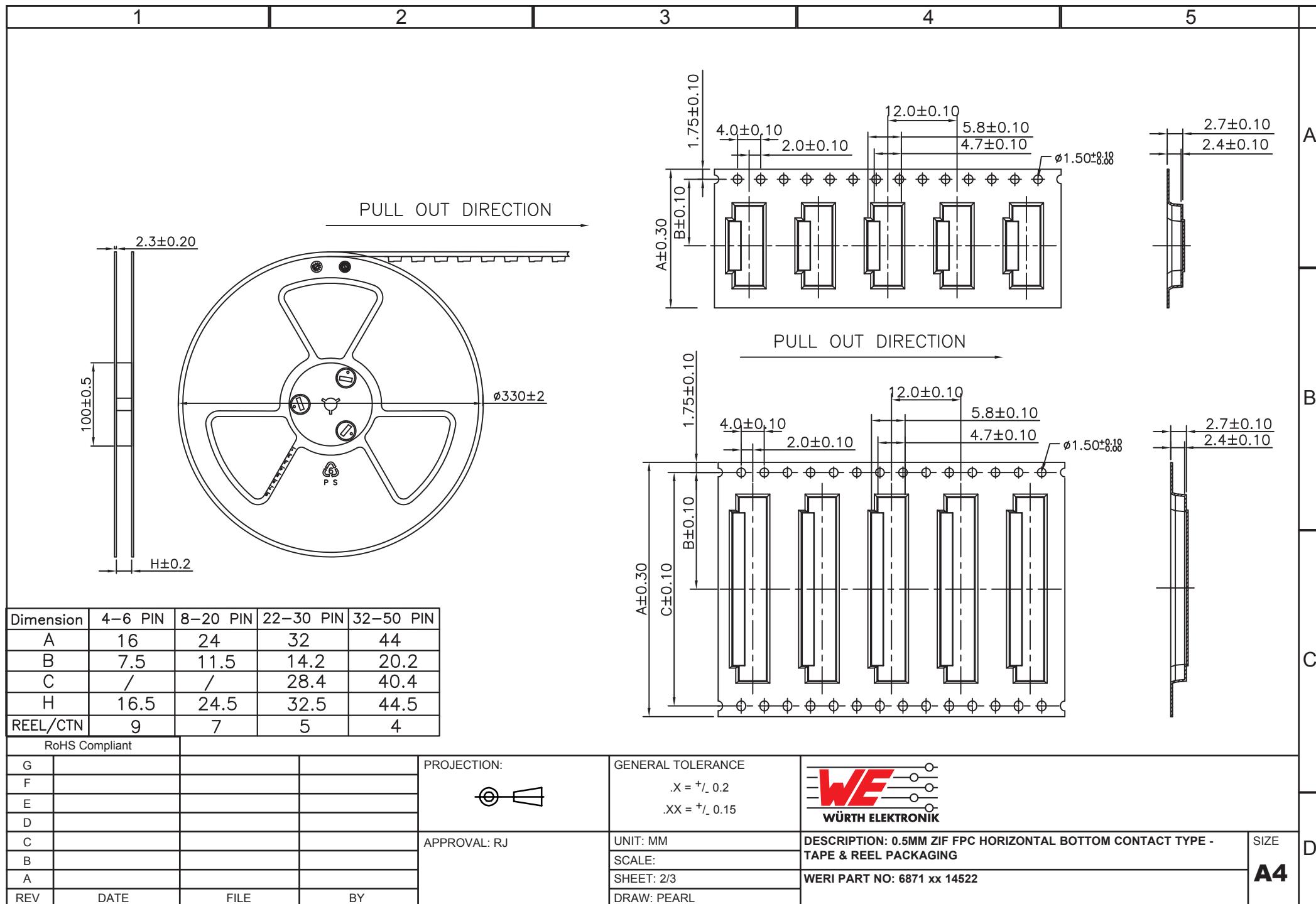
DATE

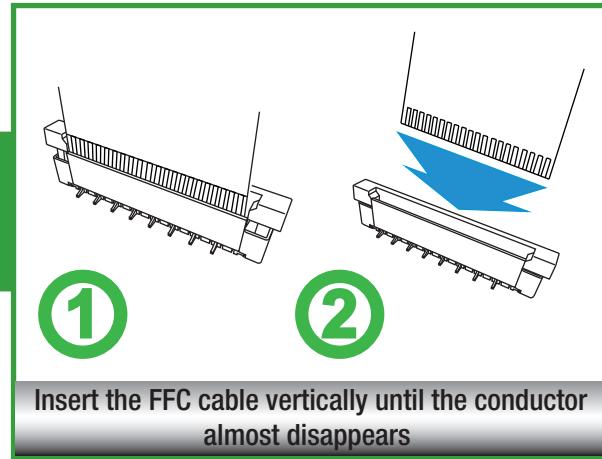
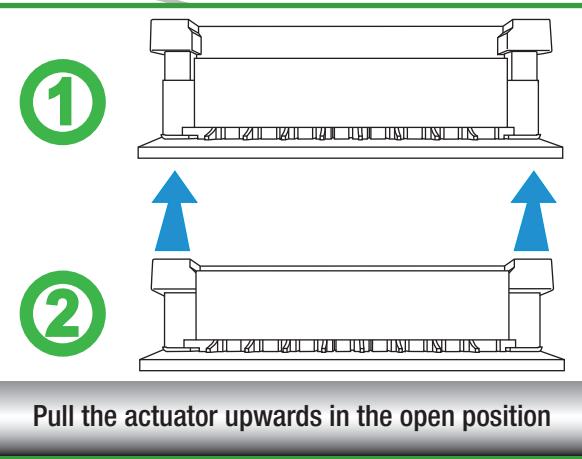
FILE

BY

DRAW: PEARL

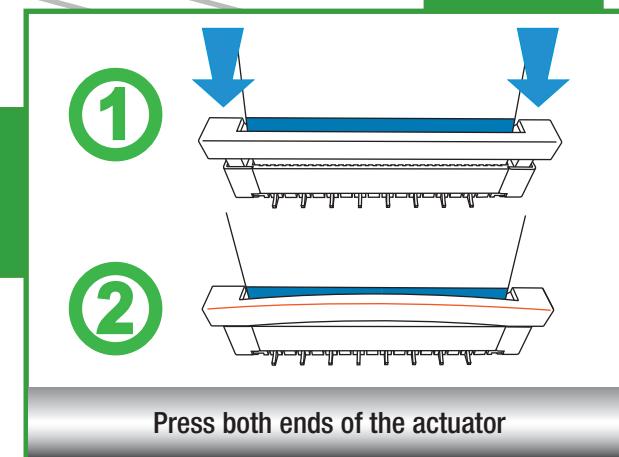
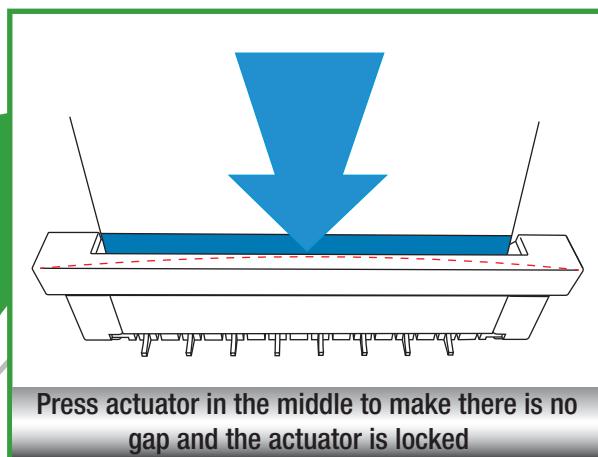
WERI PART NO: 6871 xx 14522





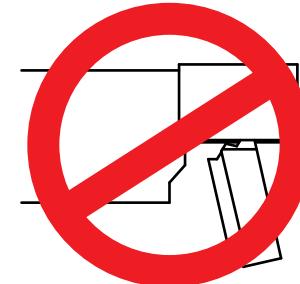
A

B





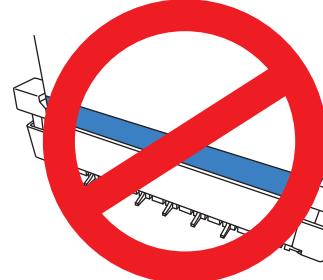
Pull the actuator as horizontally as possible by a proper force



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

A

B