

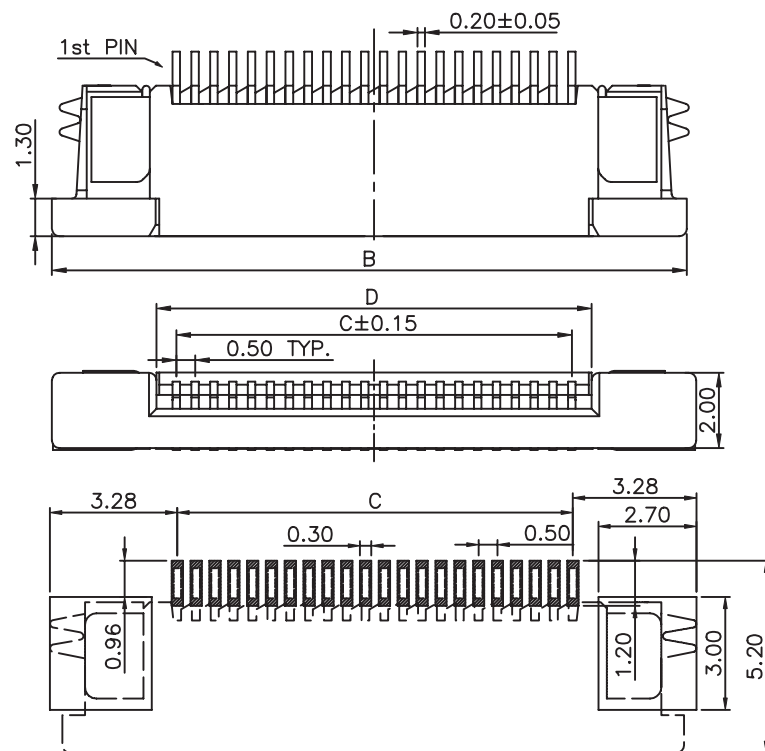
1

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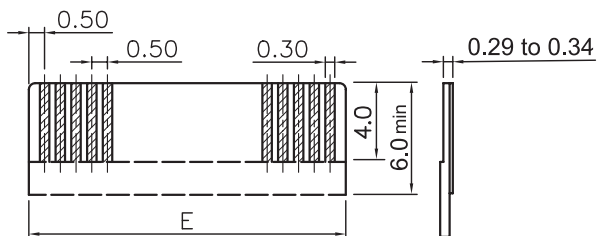
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RECOMMENDED PCB LAYOUT - COMPONENT VIEW



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

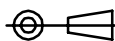
SOLDERING:
REFLOW PROCESS ONLY

DIMENSION:
B = 0.50 x NB PINS + 6.50
C = 0.50 x (NB PINS - 1)
D = 0.50 x (NB PINS + 1) + 0.10
E = 0.50 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 = ± 0.2 .XX = ± 0.15 

APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: PEARL

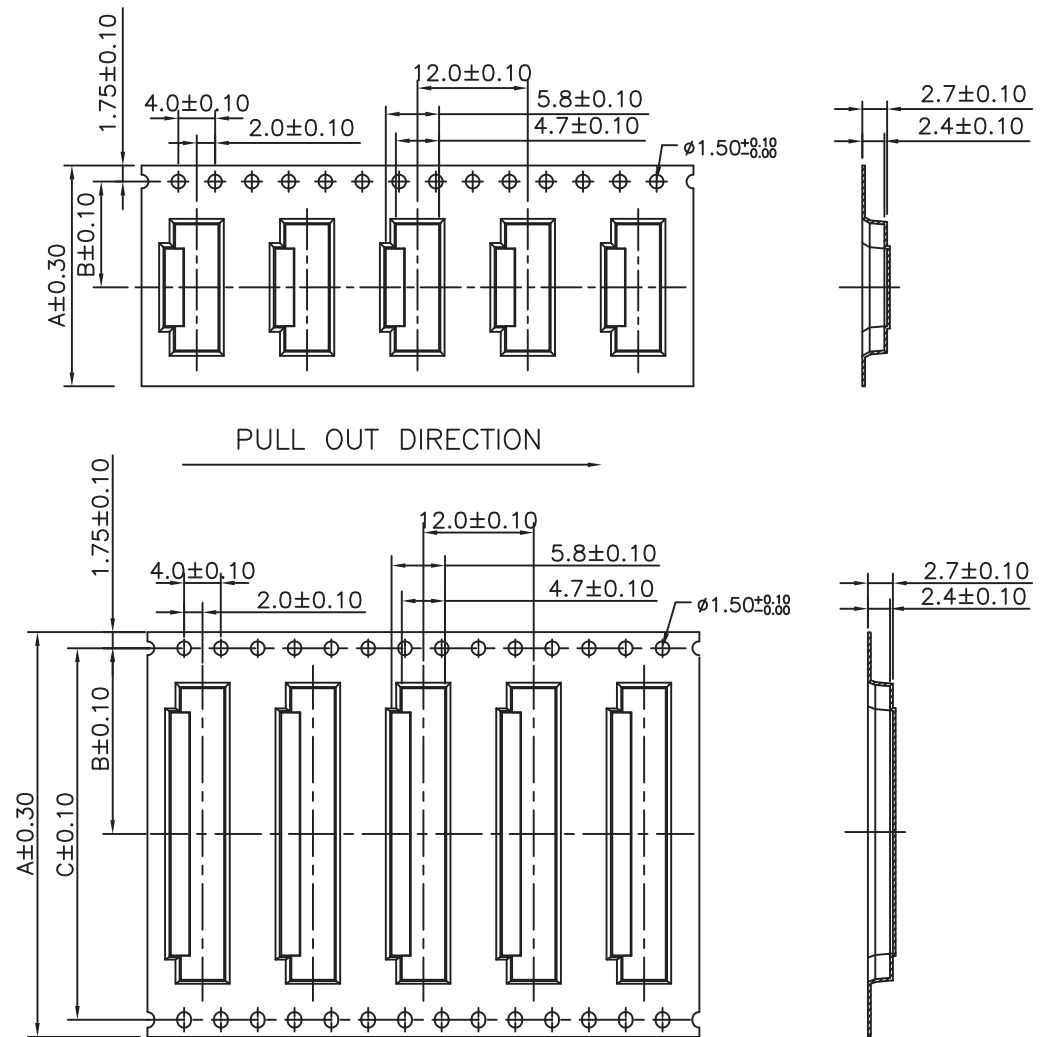
DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE -
TAPE & REEL PACKAGING

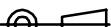
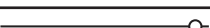
WERI PART NO: 6871 xx 14022

SIZE

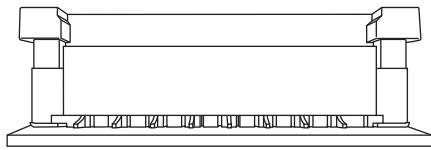
A4

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	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING	
				APPROVAL: RJ	UNIT: MM		
					SCALE:	WERI PART NO: 6871 xx 14022	
H	13-DEC-13	TPK UPDATE	QL		SHEET: 1/3		
REV	DATE	FILE	BY		DRAW: PEARL		

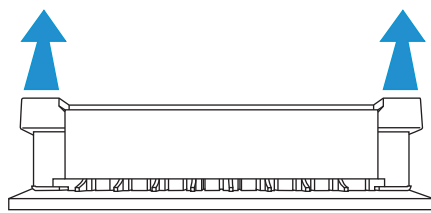


RoHS Compliant				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK		
G								
F								
E								
D□	□							
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING		SIZE A4
B					SCALE:			
A					SHEET: 2/3	WERI PART NO: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

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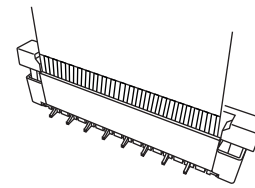
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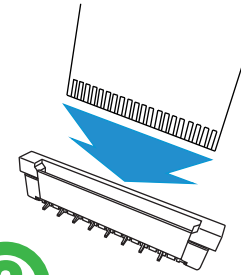
Pull the actuator upwards in the open position

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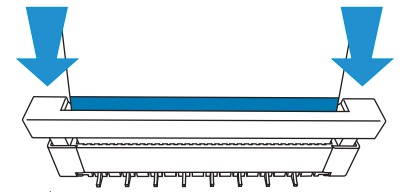
Insert the FFC cable vertically until the conductor almost disappears

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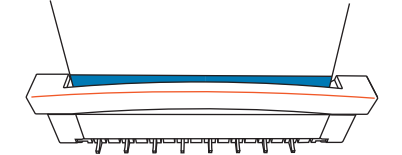


Press actuator in the middle to make there is no gap and the actuator is locked

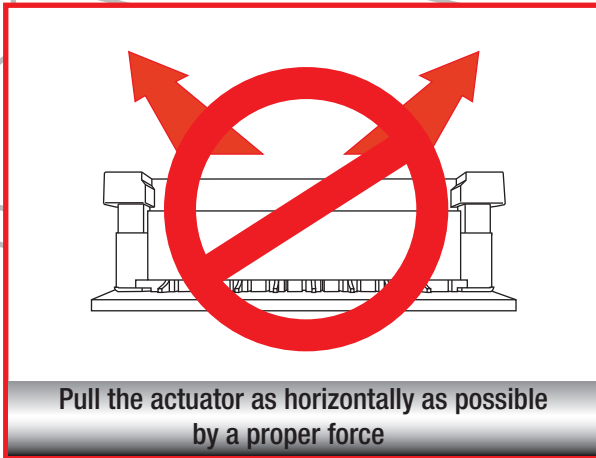
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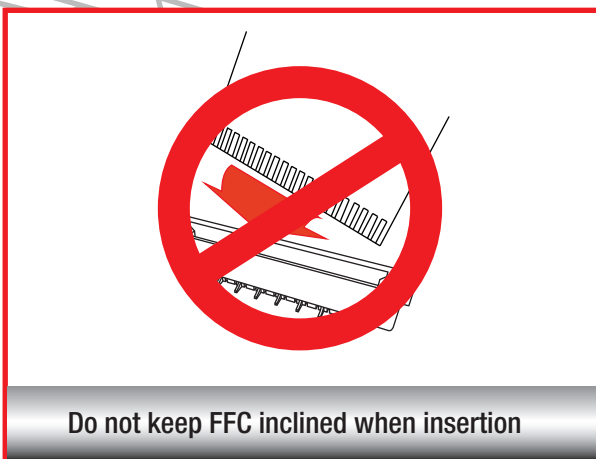
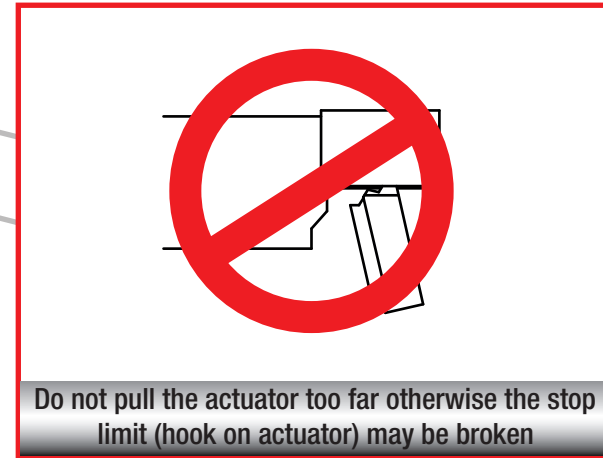
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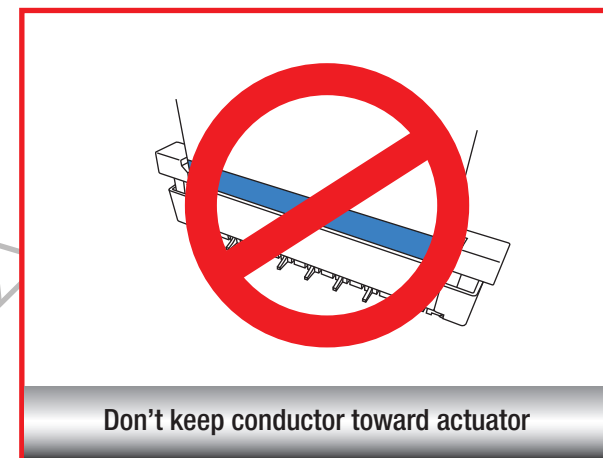
Press both ends of the actuator



A



B



AMEYA360

Components Supply Platform

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