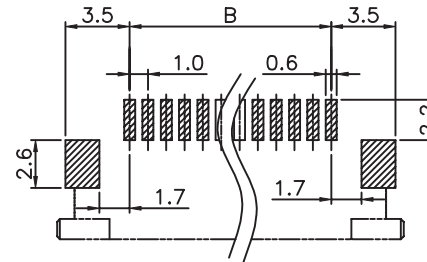


APPLICABLE FFC LAYOUT  
(THICKNESS: 0.29 to 0.34)



PCB LAYOUT - COMPONENT VIEW

MATERIAL:  
HOUSING MATERIAL: PPS  
COLOR: BEIGE  
ACTUATOR MATERIAL: PPS  
COLOR: BROWN  
CONTACT MATERIAL: PHOSPOR BRONZE  
CONTACT PLATING: 100μ" TIN OVER 50μ" NI  
QUALITY CLASS: 25 MATING CYCLES\*

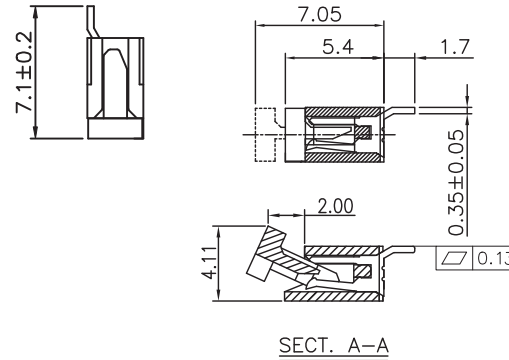
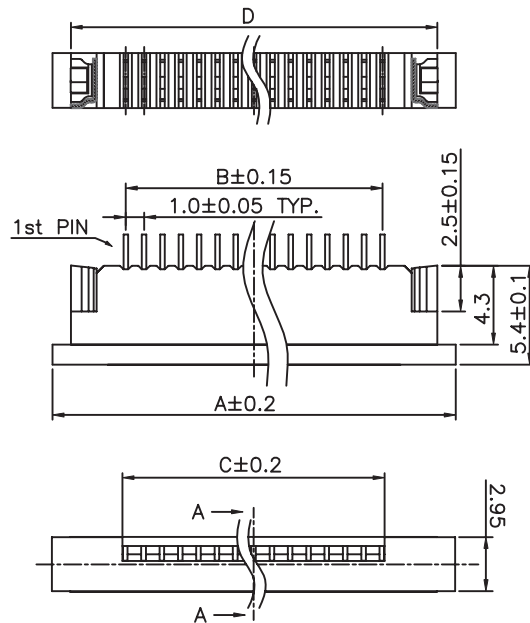
ENVIRONNEMENTAL:  
OPERATING TEMPERATURE: -25°C UP TO 85°C  
FLAMABILITY RATING: UL94-V0  
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL:  
CURRENT RATING: 1A  
WORKING VOLTAGE: 125V  
INSULATION RESISTANCE: >100MOHM  
DIELECTRIC WITHSTANDING VOLT.: 500VAC/MN  
CONTACT RESISTANCE: 20mOHM MAX

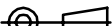

STANDARD  
A CERTIFIED: E323964 / MODEL NUMBER 686  
FOLLOWED BY 1, FOLLOWED BY 03 THRU 30, FOLLOWED  
BY 141 OR 144, FOLLOWED BY NUMERIC DIGITS

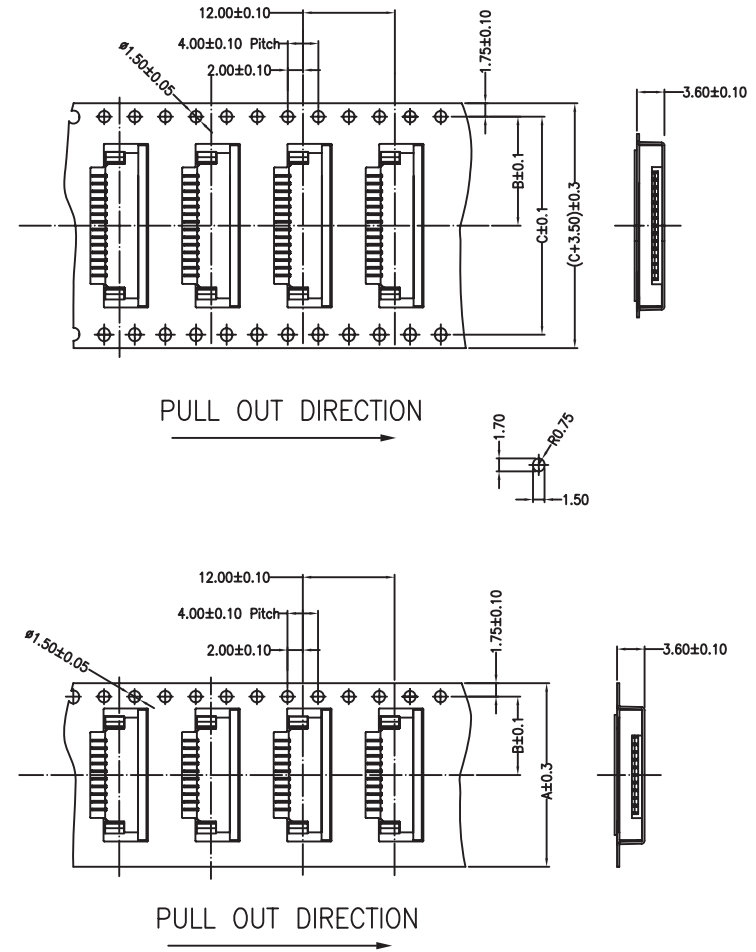
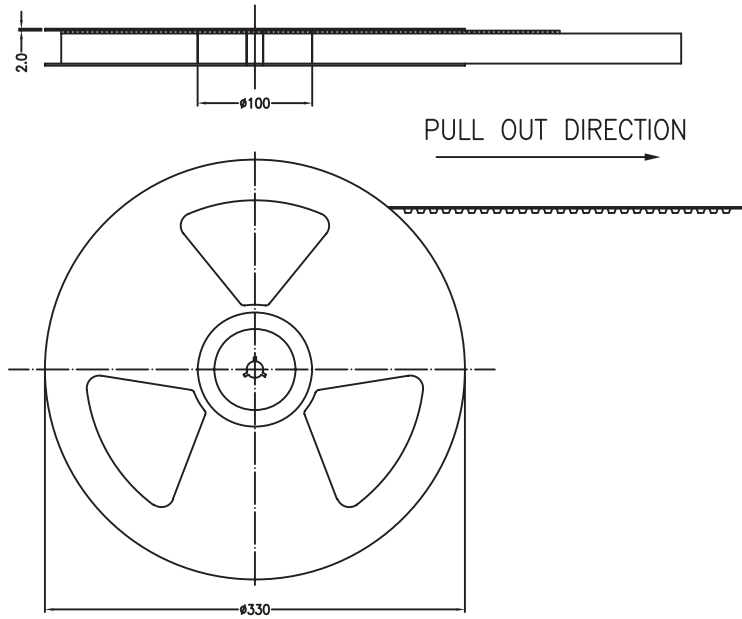
SOLDERING:  
REFLOW PROCESS ONLY

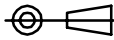

DIMENSION:  
A = B + 8.00  
B = 1.00 x (NB PINS - 1)  
C = B + 2.15  
D = B + 6.00

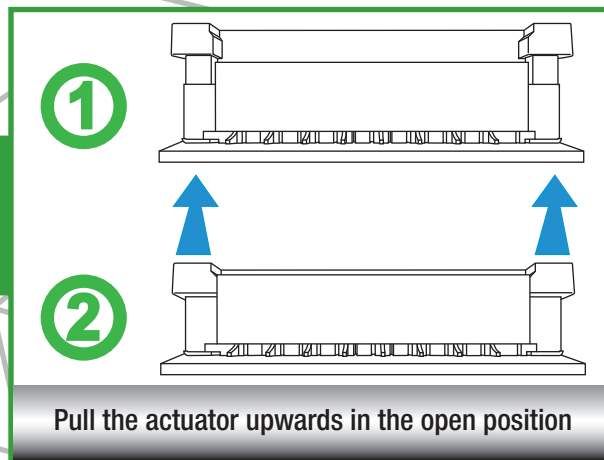


SECT. A-A

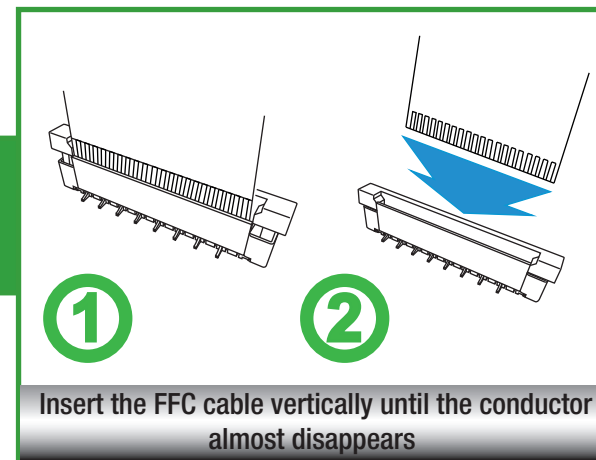
RoHS Compliant		*NOTE: theoretical value related to the Tin plating; however, due to the sensitive actuator, we recommend not to make more than 1 or 2 cycles in order to maintain acceptable mechanical & electrical conditions							
				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = +/- 0.2</div> <div>.XX = +/- 0.15</div>	<div></div> <div>WÜRTH ELEKTRONIK</div>			
L	13-DEC-13	TPK UPDATE	QL						
K	10-APR-13	ACTUATOR	AR						
J	23-JAN-13	UNIT μ => μ"	QL						
I	18-SEP-12	MC NOTE	GG	APPROVAL: RJ	UNIT: MM	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING			SIZE <b>A4</b>
H	13-DEC-10	COPLANARITY	GG		SCALE:				
REV	DATE	FILE	BY		SHEET: 1/2	WERI PART NO: 6861 xx 14122			
					DRAW: PEARL				



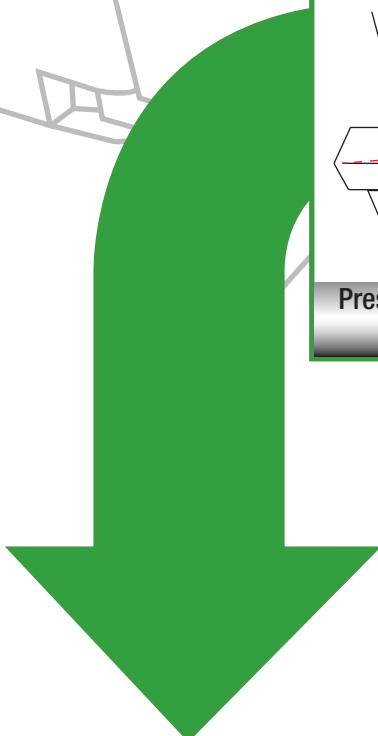
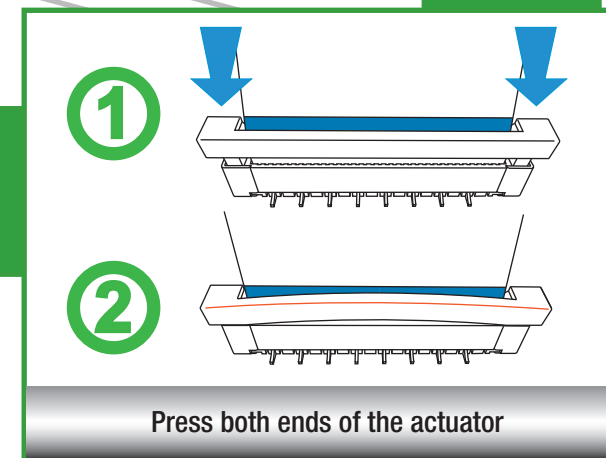
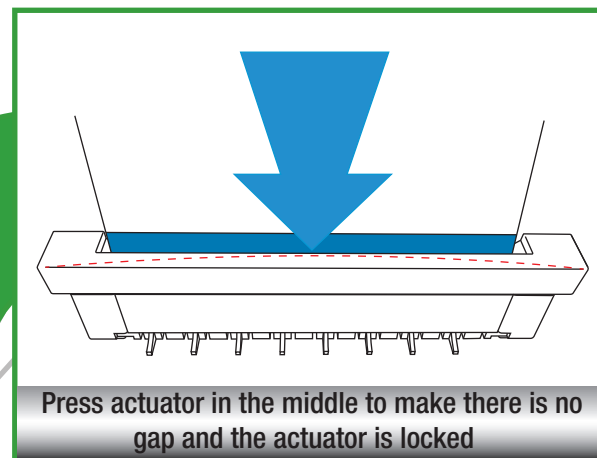
RoHS Compliant								
G				PROJECTION:  	GENERAL TOLERANCE  .X = +/- 0.2  .XX = +/- 0.15			
F								
E								
D								
C				APPROVAL: RJ	UNIT: MM	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING		SIZE  <b>A4</b>
B					SCALE:			
A					SHEET: 2/2	WERI PART NO: 6861xx14122		
REV	DATE	FILE	BY		DRAW: PEARL			

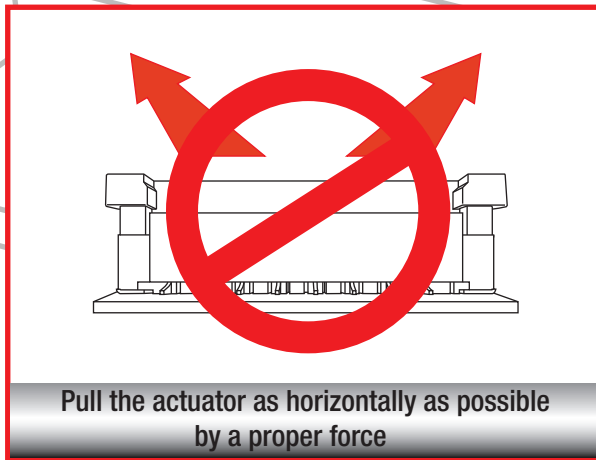


(A)

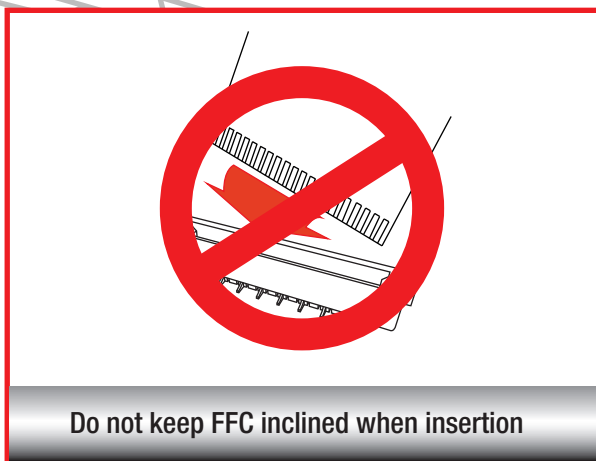
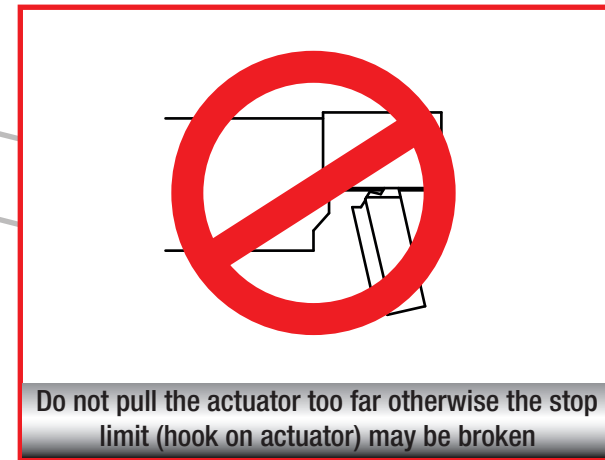


(B)





A



B

