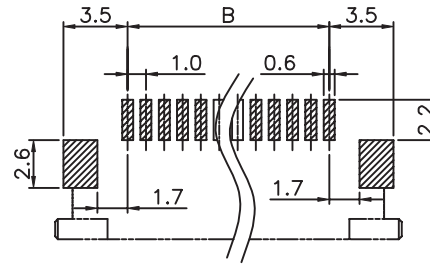


APPLICABLE FFC LAYOUT
(THICKNESS: 0.29 to 0.34)



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*

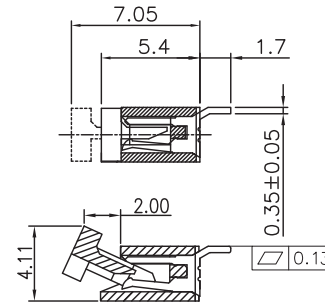
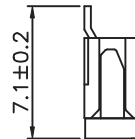
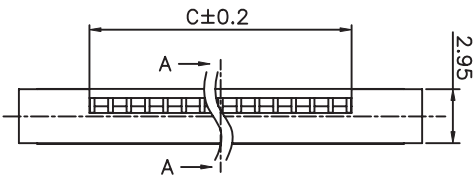
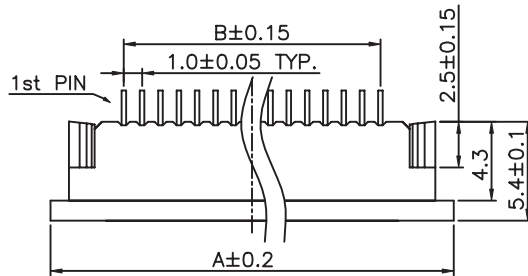
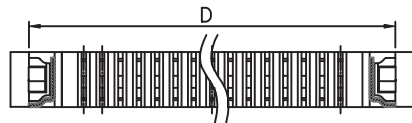
ENVIRONMENTAL:
OPERATING TEMPERATURE: -25°C UP TO 85°C
FLAMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

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	
		PROJECTION:	GENERAL TOLERANCE
			.X = +/- 0.2 .XX = +/- 0.15
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
H	13-DEC-10	COPLANARITY	GG
REV	DATE	FILE	BY
APPROVAL: RJ		UNIT: MM	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING
		SCALE:	WERI PART NO: 6861 xx 14122
		SHEET: 1/2	SIZE A4
		DRAW: PEARL	



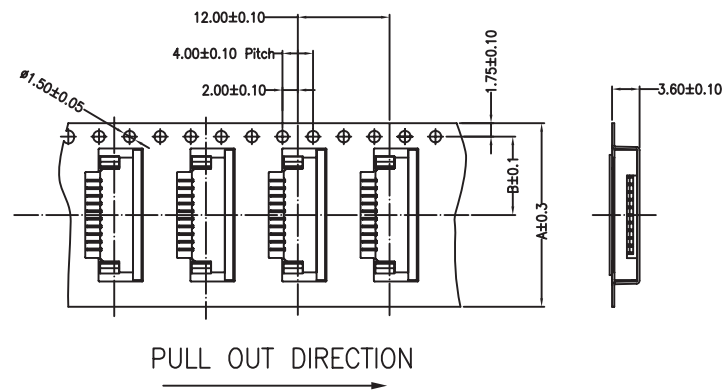
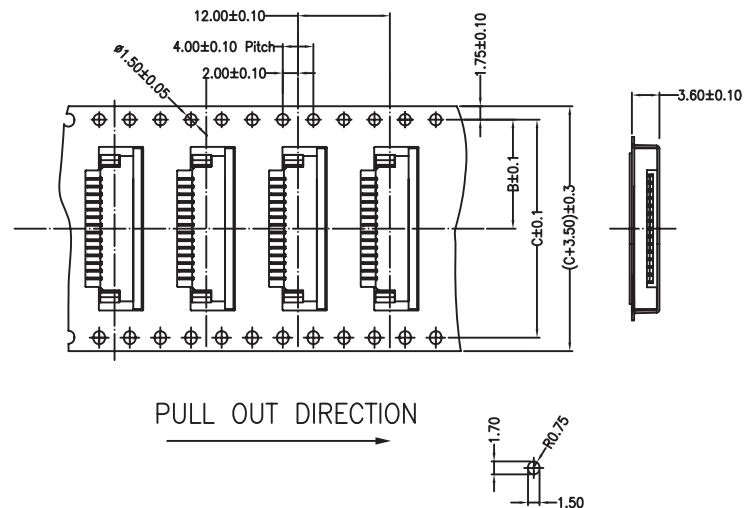
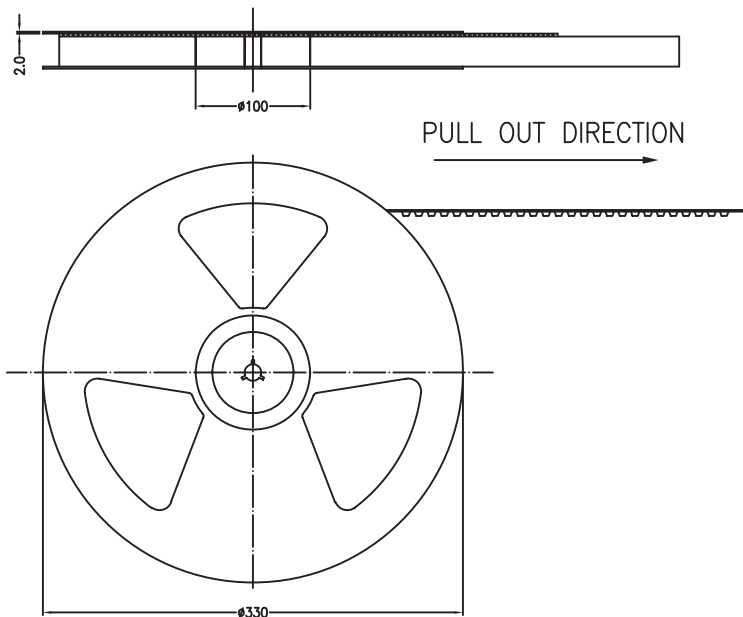
1

2

3

4

5



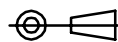
A

B

C

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: RJ

UNIT: MM

SCALE:

SHEET: 2/2

DRAW: PEARL

DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING

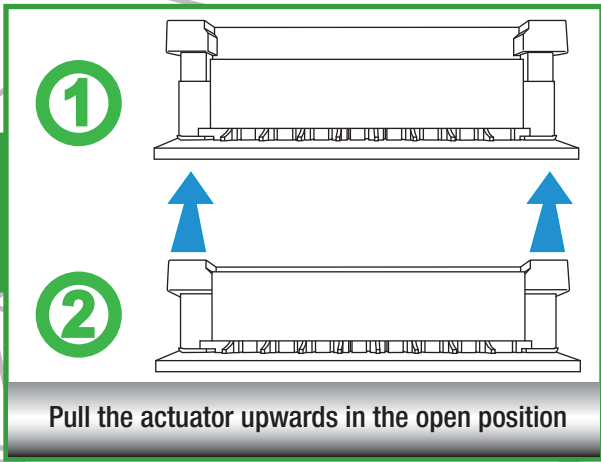
WERI PART NO: 6861xx14122

SIZE

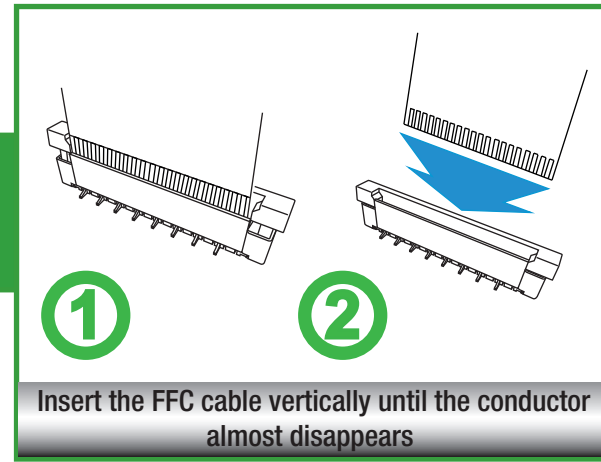
A4

D

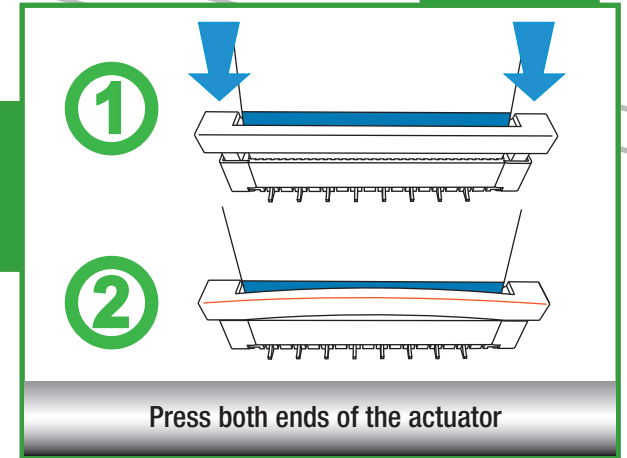
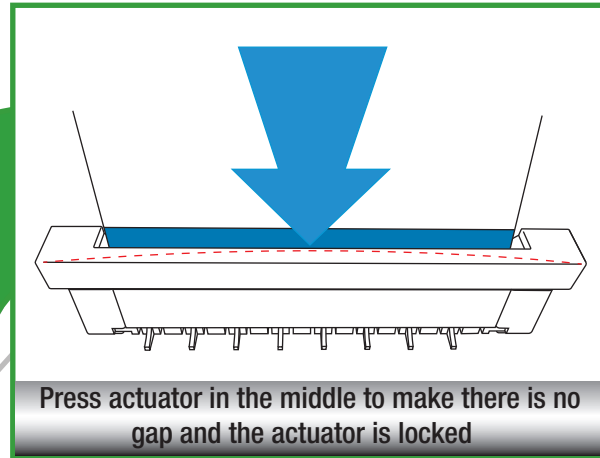
G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY

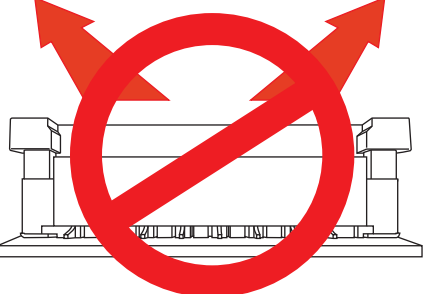


A



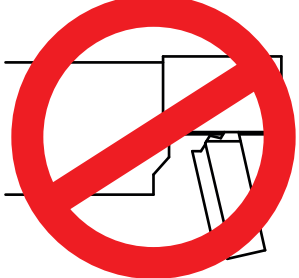
B



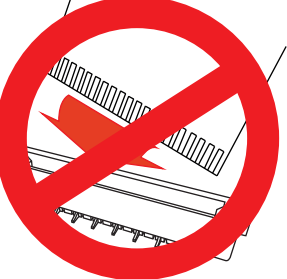


Pull the actuator as horizontally as possible by a proper force

A

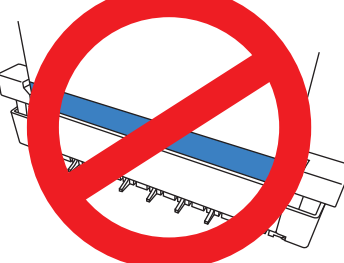


Do not pull the actuator too far otherwise the stop limit (hook on actuator) may be broken



Do not keep FFC inclined when insertion

B



Don't keep conductor toward actuator