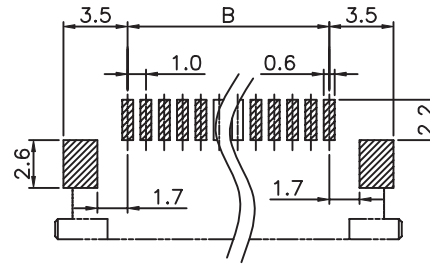


APPLICABLE FFC LAYOUT
(THICKNESS: 0.29 to 0.34)



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*

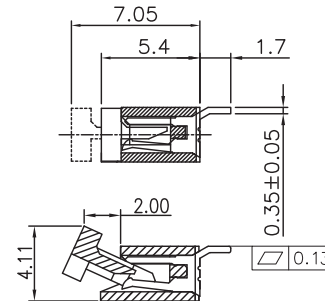
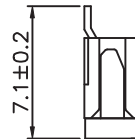
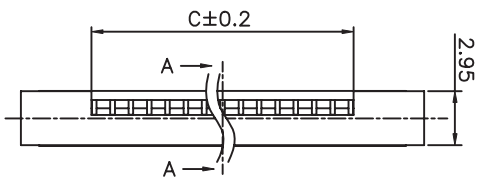
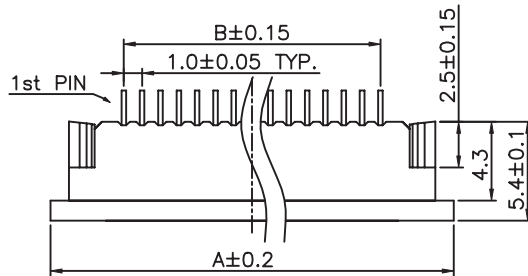
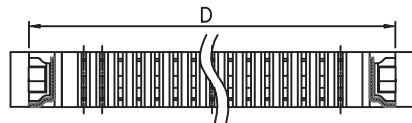
ENVIRONMENTAL:
OPERATING TEMPERATURE: -25°C UP TO 85°C
FLAMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

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

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

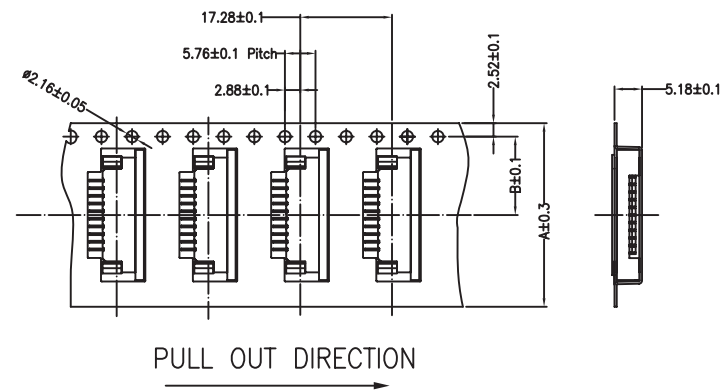
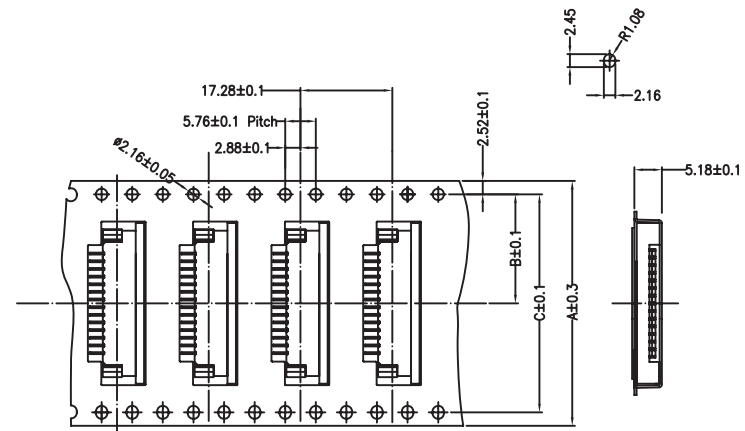
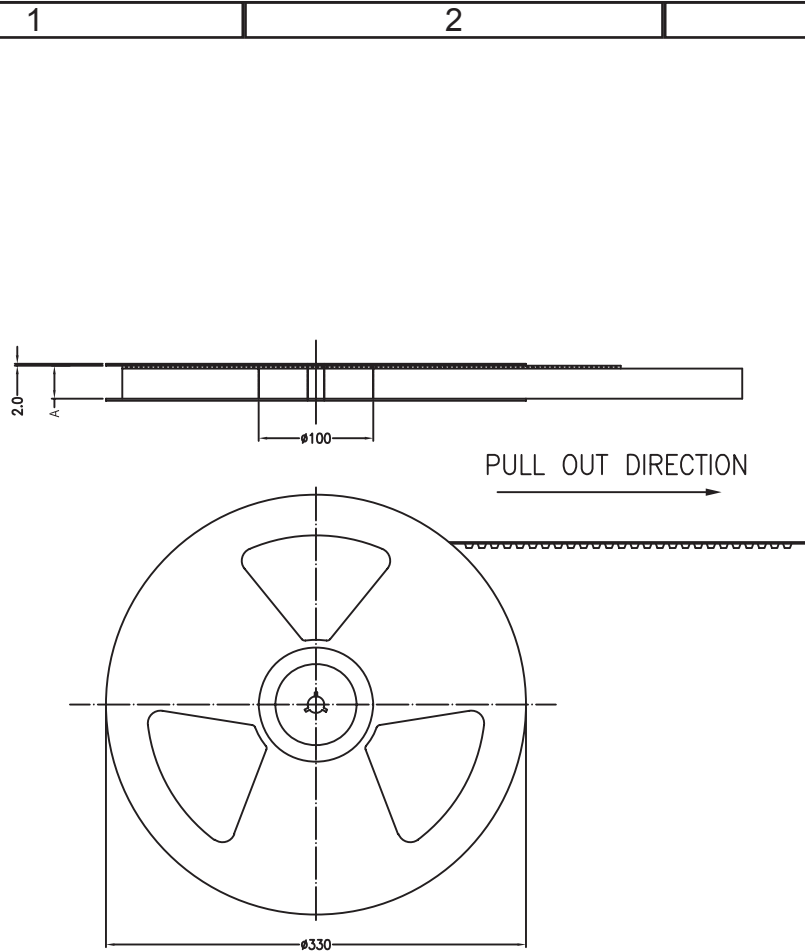
SOLDERING:
REFLOW PROCESS ONLY

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

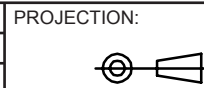


SECT. A-A

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				SIZE
						.X = +/- 0.2 .XX = +/- 0.15				
K	10-APR-13	ACTUATOR	AR	APPROVAL: RJ		UNIT: MM		WERI PART NO: 6861 xx 14122		
J	23-JAN-13	UNIT µ => µ"	QL			SCALE:				
I	18-SEP-12	MC NOTE	GG			SHEET: 1/2				
H	13-DEC-10	COPLANARITY	GG			DRAW: PEARL				
REV	DATE	FILE	BY							



RoHS Compliant			
G			
F			
E			
D			
C			
B			
A			
REV	DATE	FILE	BY



GENERAL TOLERANCE
 .X = ± 0.2
 .XX = ± 0.15

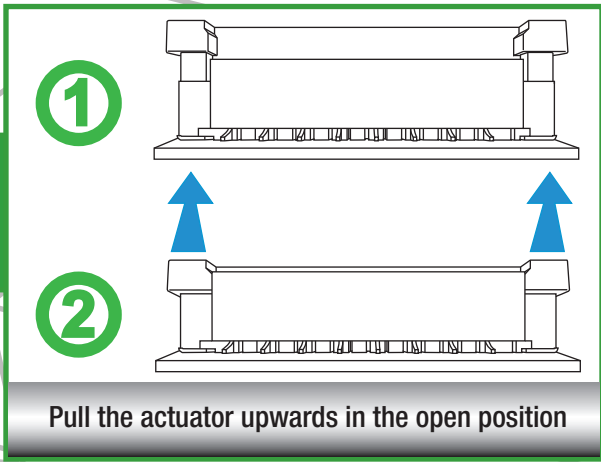


APPROVAL: RJ

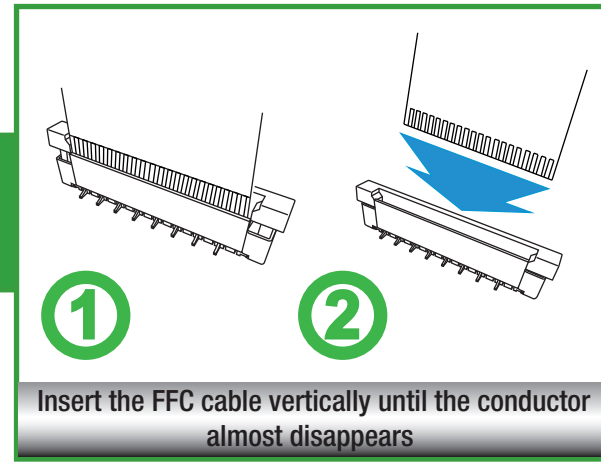
UNIT: MM
 SCALE:
 SHEET: 2/2
 DRAW: PEARL

DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING
 WERI PART NO: 6861xx14122

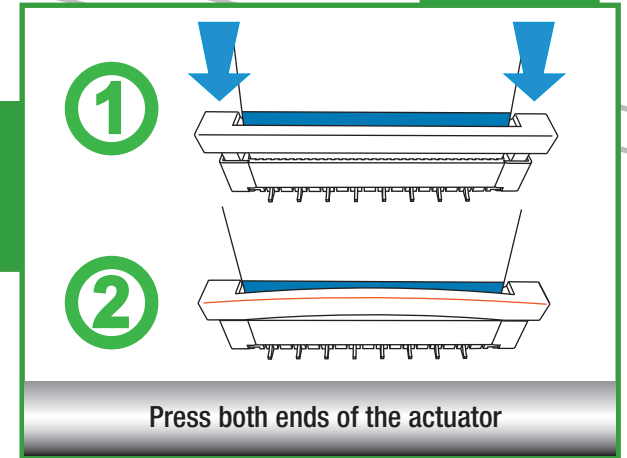
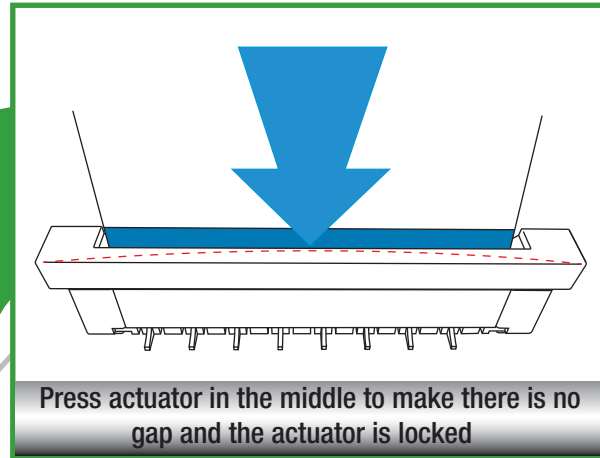
SIZE
A4

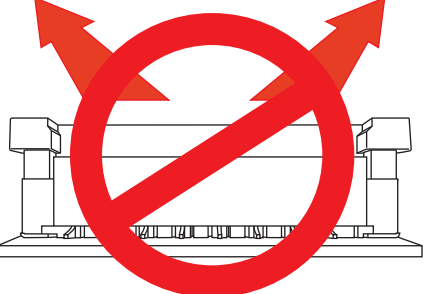


A



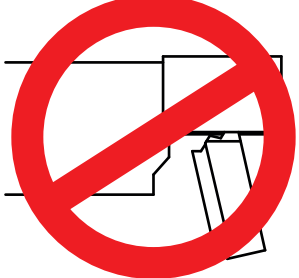
B



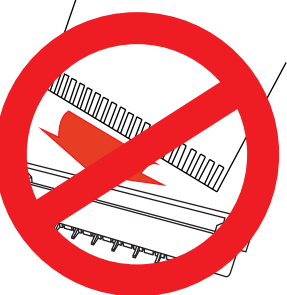


Pull the actuator as horizontally as possible by a proper force

A

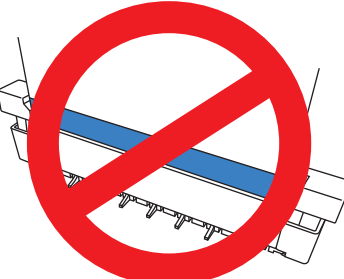


Do not pull the actuator too far otherwise the stop limit (hook on actuator) may be broken



Do not keep FFC inclined when insertion

B



Don't keep conductor toward actuator