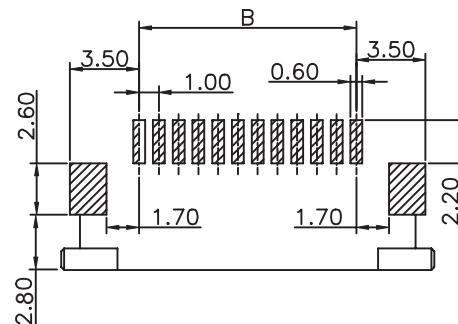


APPLICABLE FFC LAYOUT
(THICKNESS: 0.29 to 0.34)



RECOMMENDED PCB LAYOUT - COMPONENT VIEW

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

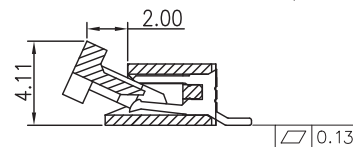
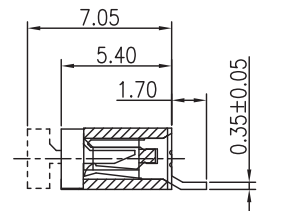
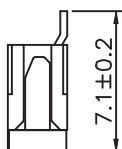
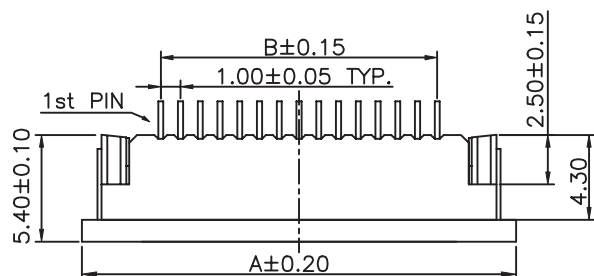
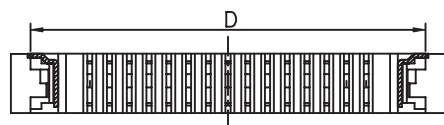
ENVIRONNEMENTAL:
OPERATING TEMPERATURE: -25°C UP TO 85°C
FLAMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

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

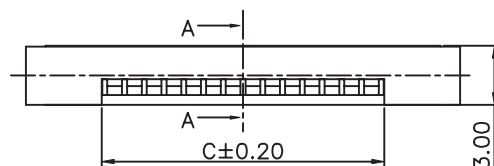
STANDARD
CERTIFIED: E323964 / MODEL NUMBER 686
FOLLOWED BY 1, FOLLOWED BY 03 THRU 30, FOLLOWED
BY 141 OR 144, FOLLOWED BY NUMERIC DIGITS



SOLDERING:
REFLOW PROCESS ONLY

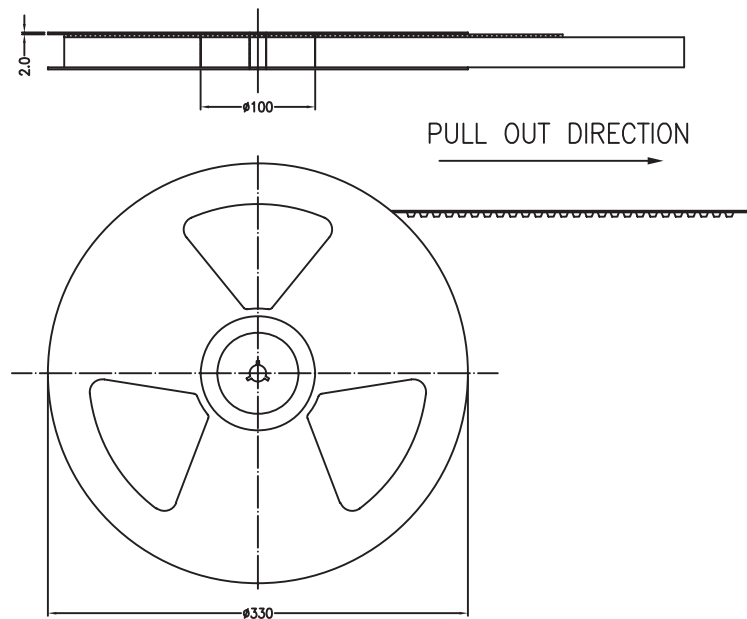
DIMENSION:
A = B + 8.00
B = 1.00 x (NB PINS - 1)
C = B + 2.1
D = B + 6.00



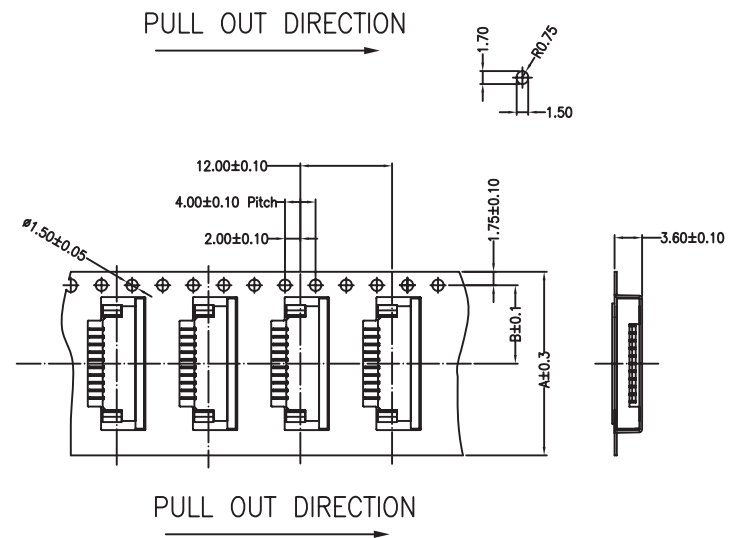
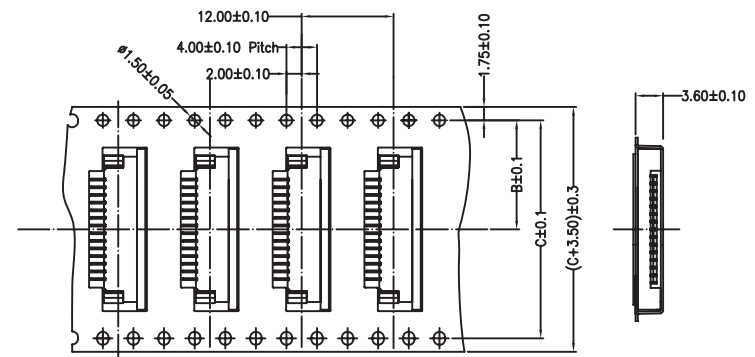
SECT. A-A

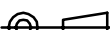



RoHS Compliant				*NOTE: theoretical value related to the Tin plating; however, due to the sensitive actuator, we recommend not to make more than 1 or 2 cycles in order to maintain acceptable mechanical & electrical conditions				
				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = +/_ 0.2</div> <div>.XX = +/_ 0.15</div>	<div></div> <div>WÜRTH ELEKTRONIK</div>		
M	13-DEC-13	TPK UPDATE	QL					
L	10-APR-13	ACTUATOR	AR					
K	23-JAN-13	UNIT μ => μ"	QL					
J	18-SEP-12	MC NOTE	GG	APPROVAL: RJ	UNIT: MM	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING		SIZE A4
I	28-JUN-12	COLOR	GG		SCALE:			
H	26-JUN-12	DIM	GG		SHEET: 1/2	WERI PART NO: 6861 xx 14422		
REV	DATE	FILE	BY		DRAW: PEARL			

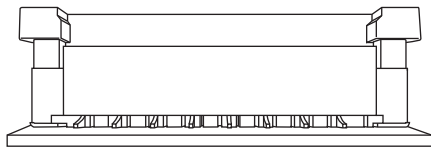


	4-9 PIN	10-14 PIN	15-26 PIN	27-30 PIN
DIM.B	11.50	14.20	20.20	26.20
DIM.C	---	28.40	40.40	52.40
TAPE/CARTON	8PCS	6PCS	5PCS	4PCS

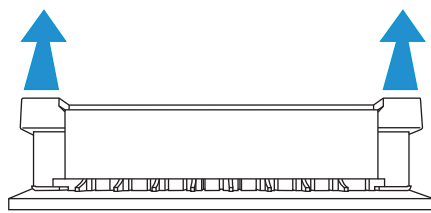


RoHS Compliant								
G				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = \pm 0.2</div> <div>.XX = \pm 0.15</div>	<div></div>		
F								
E								
D	29-JUL-08	INSERTION DEPTH	CH					
C	26-NOV-07	MODIFICATIONS	EC	APPROVAL: RJ	UNIT: MM	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING		SIZE A4
B	14-MAR-07	CHARACTERISTIC	EC		SCALE:			
A	02-OCT-06	PDF	JP		SHEET: 2/2	WERI PART NO: 6861 xx 14422		
REV	DATE	FILE	BY		DRAW: PEARL			

①



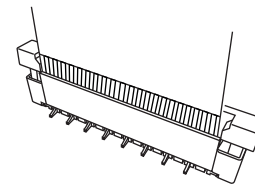
②



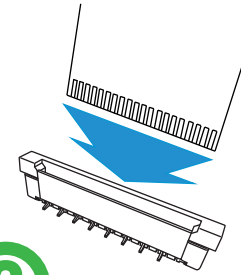
Pull the actuator upwards in the open position

Ⓐ

①



②



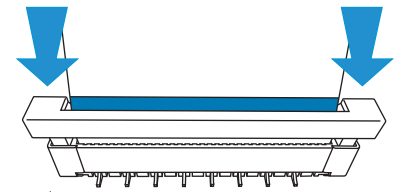
Insert the FFC cable vertically until the conductor almost disappears

Ⓑ

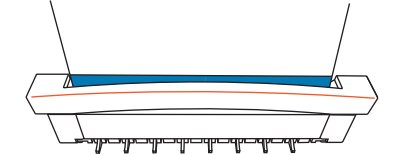


Press actuator in the middle to make there is no gap and the actuator is locked

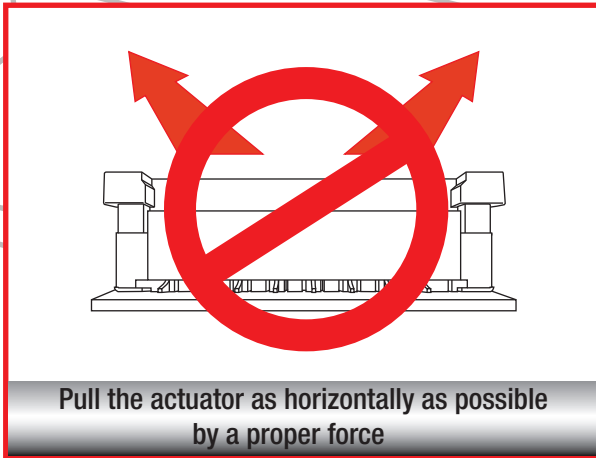
①



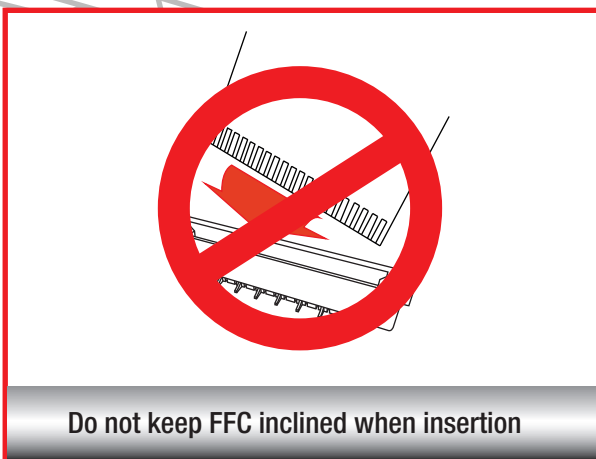
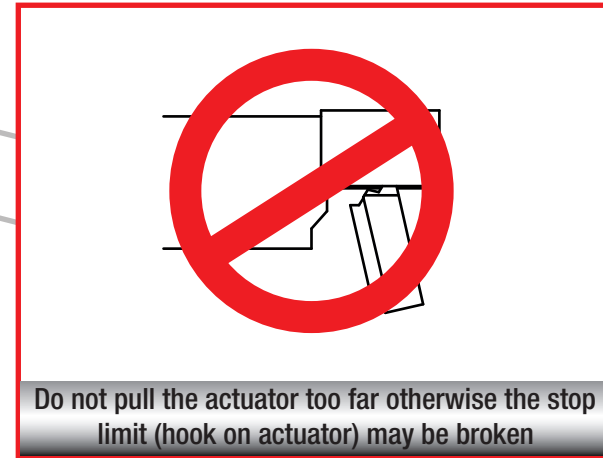
②



Press both ends of the actuator



A



B

