

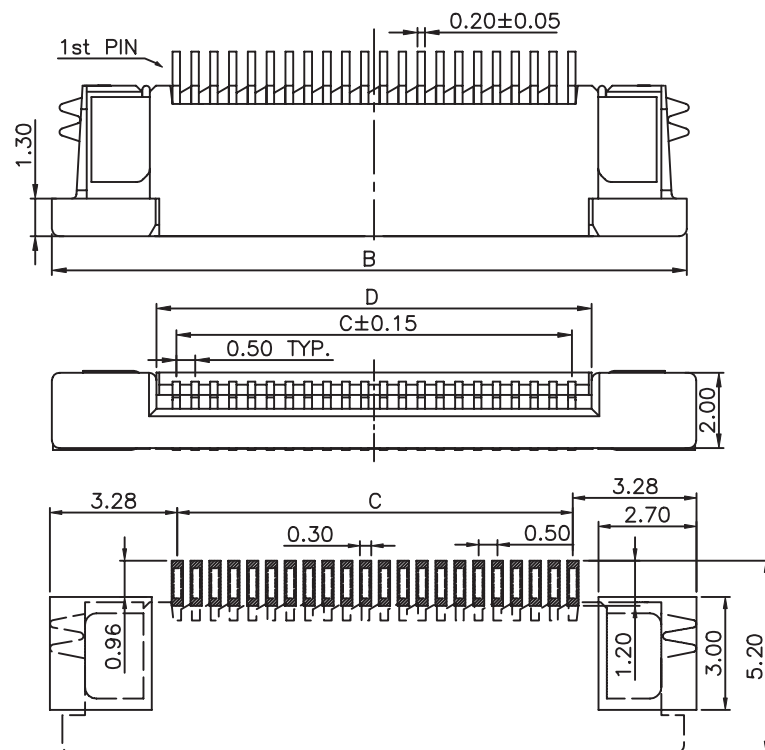
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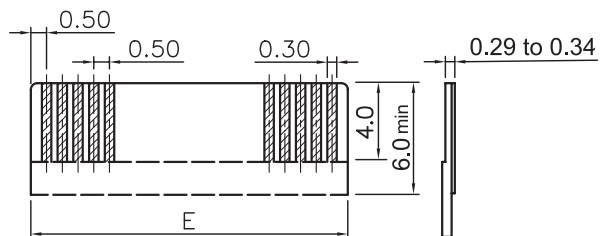
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RECOMMENDED PCB LAYOUT - COMPONENT VIEW



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

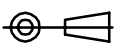

STANDARD
A CERTIFIED: E323964 / MODEL NUMBER 687
FOLLOWED BY 1, FOLLOWED BY 04 THRU 50, FOLLOWED
BY 140 OR 145, FOLLOWED BY NUMERIC DIGITS

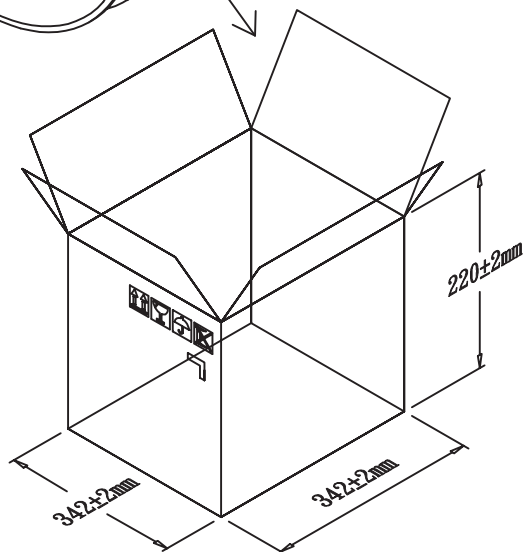
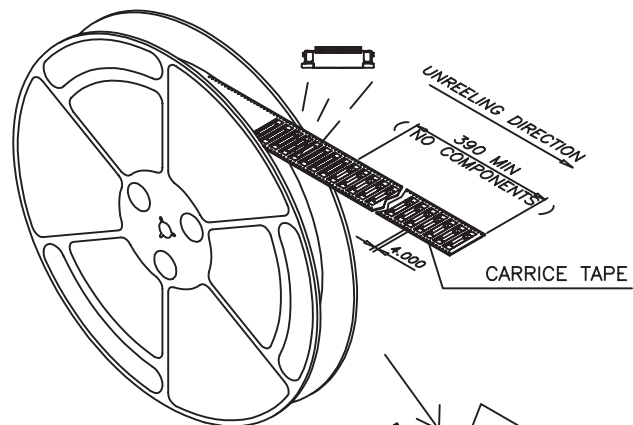
SOLDERING:
REFLOW PROCESS ONLY

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)

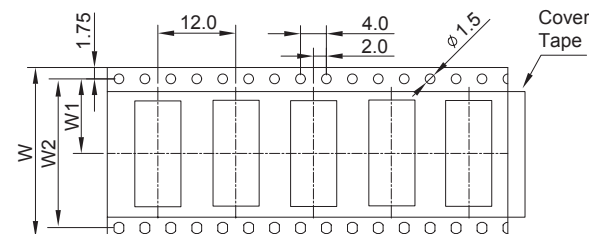
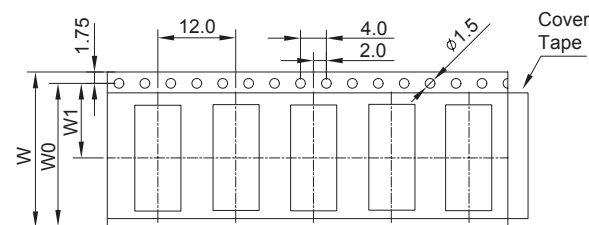
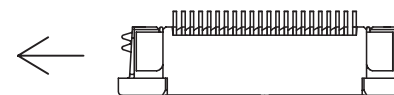
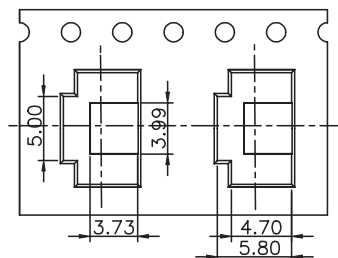
RoHS Compliant

*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

G	23-JAN-13	UNIT µ => µ"	QL	PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15	 WÜRTH ELEKTRONIK	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING	SIZE A4	D
F	18-SEP-12	MC NOTE	GG						
E	05-APR-12	LAYOUT	GG						
D	29-APR-11	COPLANARITY	GG						
C	01-FEB-11	NEW PACKAGING	JC	APPROVAL: RJ	UNIT: MM	WERI PART NO: 6871 xx 14022			
B	21-APR-10	PACKAGING	JP		SCALE:				
A	26-OCT-09	STANDARD	JP		SHEET: 1/3				
REV	DATE	FILE	BY		DRAW: PEARL				



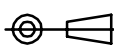

NOTE:
 1.10 sprocket hole pitch cumulative tolerance ± 0.20
 2.Carrier camber is within 1 mm in 100mm
 3.CARTON SIZE : 342*342*220MM



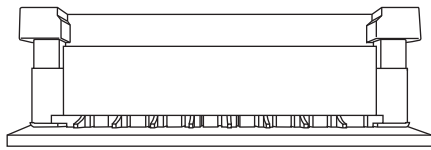
According to EIA Standard

Nb PIN	W 1	W 2	W 3	PH
31 to 50	20.2	40.4	44	12
21 to 31	14.2	28.4	32	12
17 to 20	11.5	24	NA	8
07 to 16	11.5	24	NA	12
04 to 06	7.5	16	NA	12

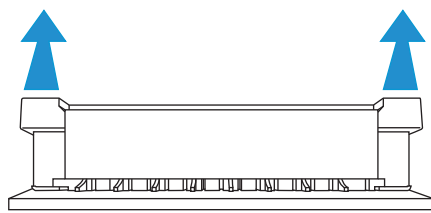
2000PCS/REEL

RoHS Compliant				2000PCS/REEL			
G				PROJECTION: 	GENERAL TOLERANCE .X = \pm 0.2 .XX = \pm 0.15		
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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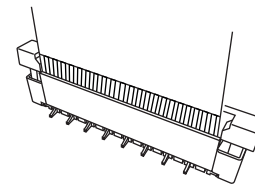
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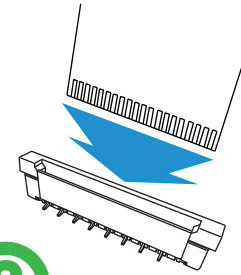
Pull the actuator upwards in the open position

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①



②



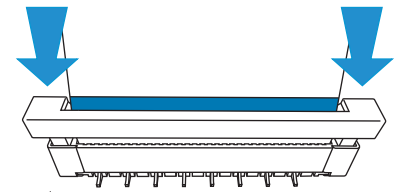
Insert the FFC cable vertically until the conductor almost disappears

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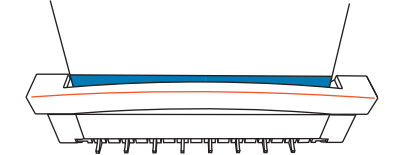


Press actuator in the middle to make there is no gap and the actuator is locked

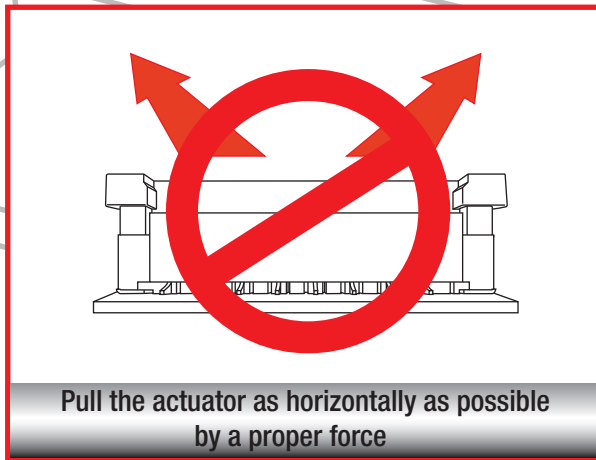
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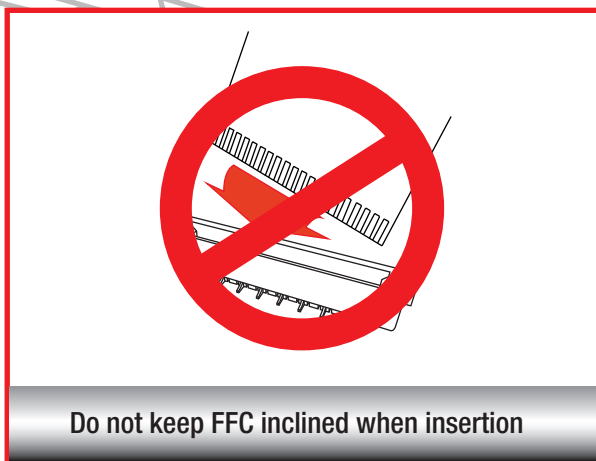
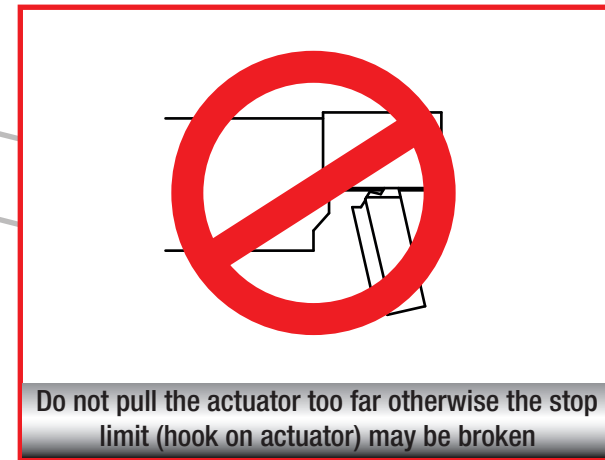
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Press both ends of the actuator



A



B

