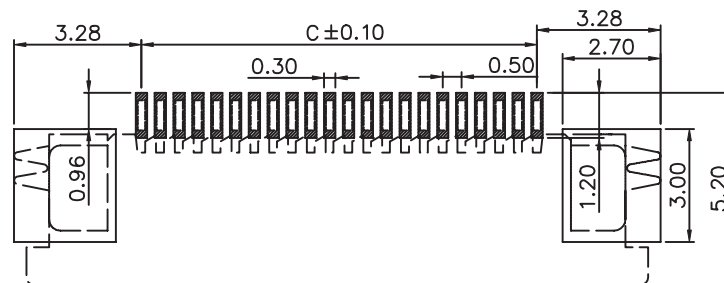
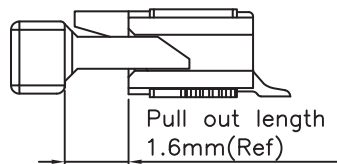
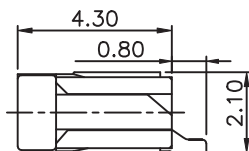
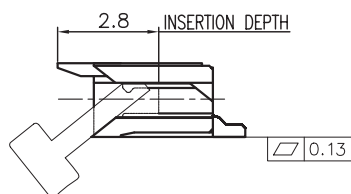
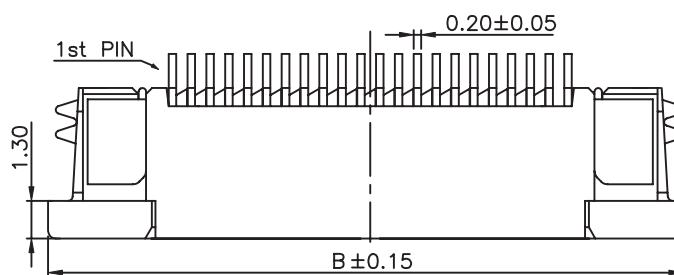
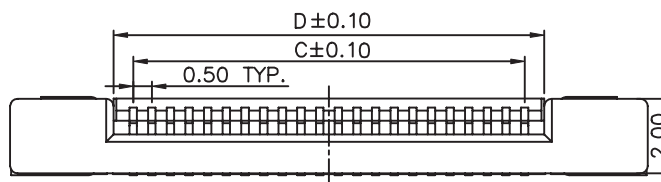


Accommodated FFC/FPC



RECOMMENDED PCB LAYOUT - COMPONENT VIEW



MATERIAL:
HOUSING MATERIAL: LCP
COLOR: IVORY
ACTUATOR MATERIAL: PA9T
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
FLAMMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

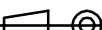

ELECTRICAL:
CURRENT RATING: 0.5 A
WORKING VOLTAGE: 50 V
INSULATION RESISTANCE: >100 MOHM
DIELECTRIC WITHSTANDING VOLT.: 250 VAC/MN
CONTACT RESISTANCE: 20 mOHM MAX

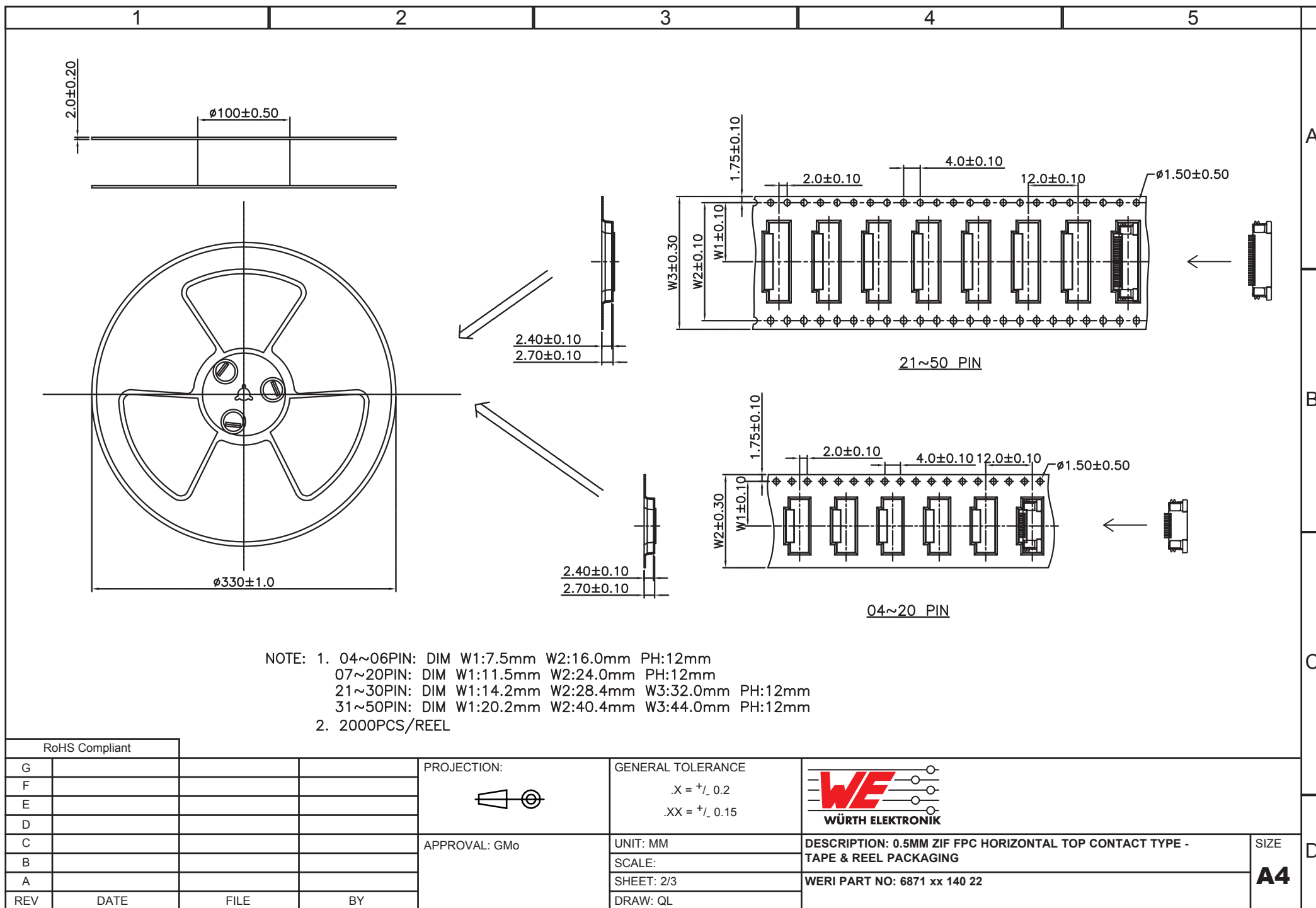
STANDARD
CERTIFIED: E323964

FOLLOWED BY 1, FOLLOWED BY 04 THRU 50, FOLLOWED BY 140 OR 145, FOLLOWED BY NUMERIC DIGITS

SOLDERING:
JEDEC LEAD FREE REFLOW SOLDERING

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						
				<div>PROJECTION:</div> <div></div>	<div>GENERAL TOLERANCE</div> <div>.X = +_L 0.2</div> <div>.XX = +_L 0.15</div>	<div></div> <div>WÜRTH ELEKTRONIK</div>		
M	22-JUN-17	RECOMMEND. FFC	AK					
L	25-APR-17	ACTUATOR MAT.	AK					
K	09-MAY-16	TPK UPDATE	AK					
J	07-JAN-16	DRAWING	AK	APPROVAL: GMo	UNIT: MM	DESCRIPTION: 0.5MM ZIF FPC HORIZONTAL TOP CONTACT TYPE - TAPE & REEL PACKAGING		SIZE A4
I	01-JUN-15	TPK UPDATE	QL		SCALE:			
H	13-DEC-13	TPK UPDATE	QL		SHEET: 1/3	WERI PART NO: 687 1xx 140 22		
					DRAW: PEARL			
REV	DATE	FILE	BY					



1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

RoHS Compliant

G

F

E

D

C

B

A

REV

10-SEP-14

DATE


PDF

FILE

QL

BY

PROJECTION:



APPROVAL: JC

GENERAL TOLERANCE

.X = +/- 0.2


.XX = +/- 0.15

UNIT: MM

SCALE:

SHEET: 3/3

DRAW: QL



DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE

A4

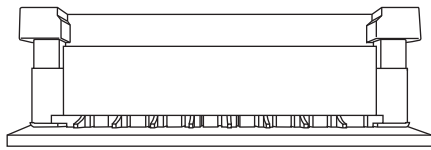
A

B

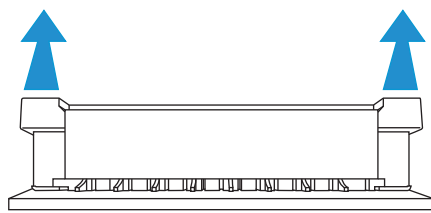
C

D

①



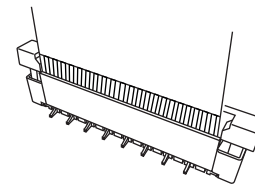
②



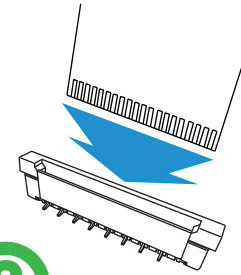
Pull the actuator upwards in the open position

Ⓐ

①



②



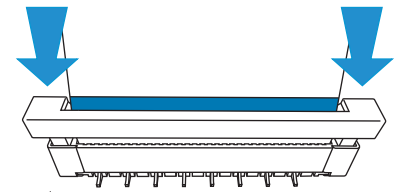
Insert the FFC cable vertically until the conductor almost disappears

Ⓑ

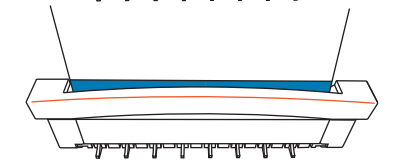


Press actuator in the middle to make there is no gap and the actuator is locked

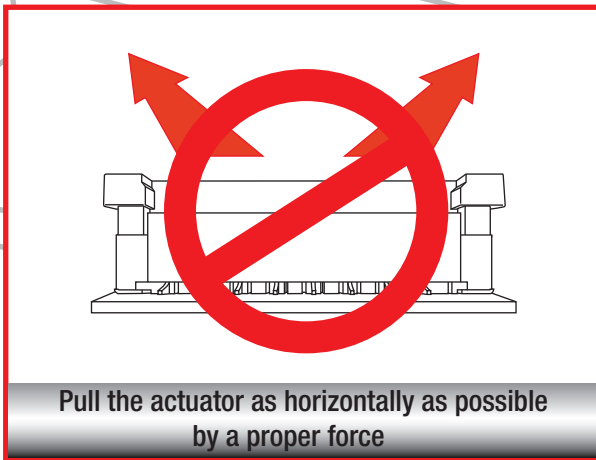
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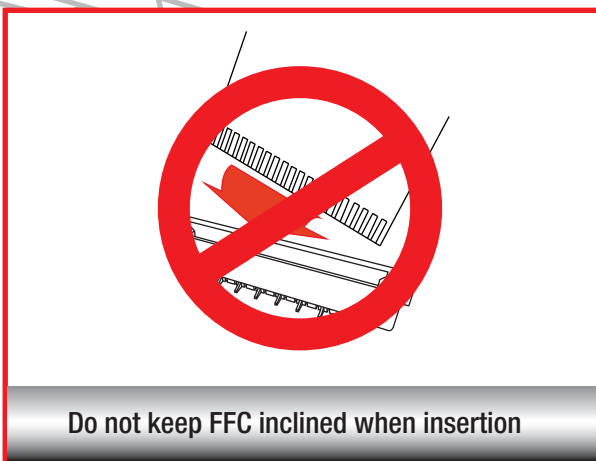
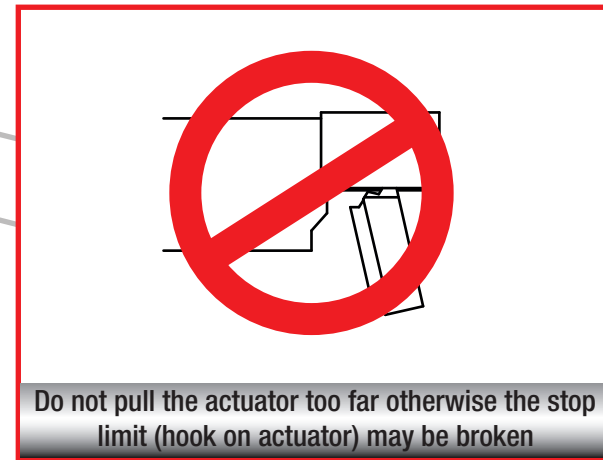
②



Press both ends of the actuator



A



B

