

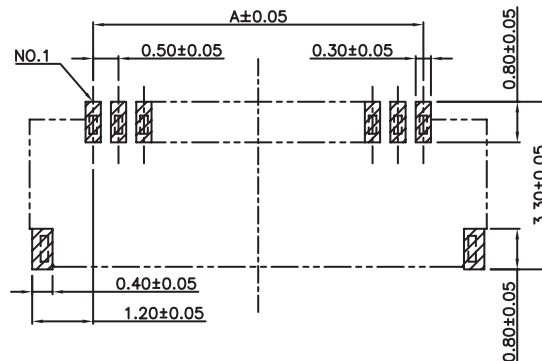
1

2

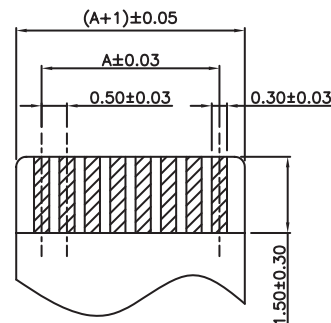
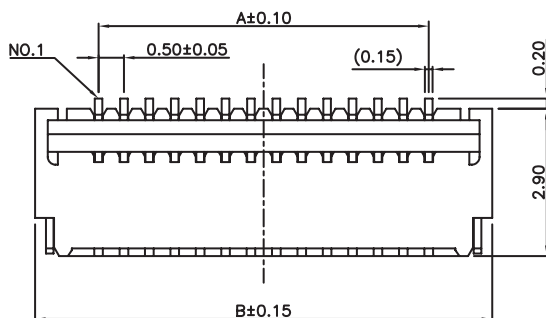
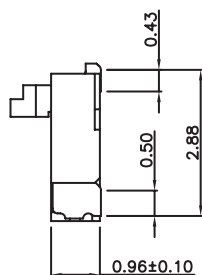
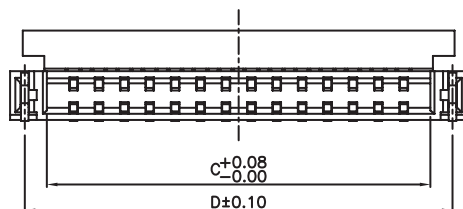
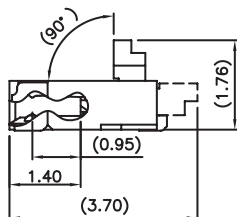
3

4

5



RECOMMENDED PCB LAYOUT



(THICKNESS = 0.31 ± 0.03 MM)
APPLICABLE FFC/FPC DIM.

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: LCP
FLAMABILITY RATING: UL94-V0
COLOUR: IVORY
CONTACT MATERIAL: PHOSPHOR BRONZE
CONTACT PLATING: $80 \mu\text{m}$ MAT TIN OVER $50 \mu\text{m}$ NICKEL
CONTACT TYPE: STAMPED
TAB MATERIAL: BRASS
TAB PLATING: $80 \mu\text{m}$ MAT TIN OVER $50 \mu\text{m}$ NICKEL
TAB TYPE: STAMPED
ACTUATOR MATERIAL: PA9T
ACTUATOR COLOUR: BLACK
QUALITY CLASS: 20 MATING CYCLES
PITCH: 0.50 MM

ENVIRONMENTAL
OPERATING TEMPERATURE: -40°C UP TO $+105^\circ\text{C}$
COMPLIANCE: ROHS AND HALOGEN FREE

ELECTRICAL
CURRENT RATING: 0.5A
WORKING VOLTAGE: 50 VAC
WITHSTANDING VOLTAGE: 0.25 KVAC/min
CONTACT RESISTANCE: 30 mOHM
INSULATION RESISTANCE: $>500 \text{ M}\Omega$

SOLDERING
JEDEC LEAD FREE REFLOW SOLDERING

PACKAGING
TAPE AND REEL

AVAILABLE POLARITIES
06, 08, 10, 12, 14, 16, 17, 18, 20, 22, 24, 26, 28

DIMENSION:
A = $0.50 \times$ (NB PINS -1)
B = $(0.50 \times$ NB PINS) +2
C = A + 1.05
D = C + 0.92

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = ± 0.2 .XX = ± 0.15 

APPROVAL: GMo

UNIT: MM

SCALE:

SHEET: 1/3

DRAW: AK

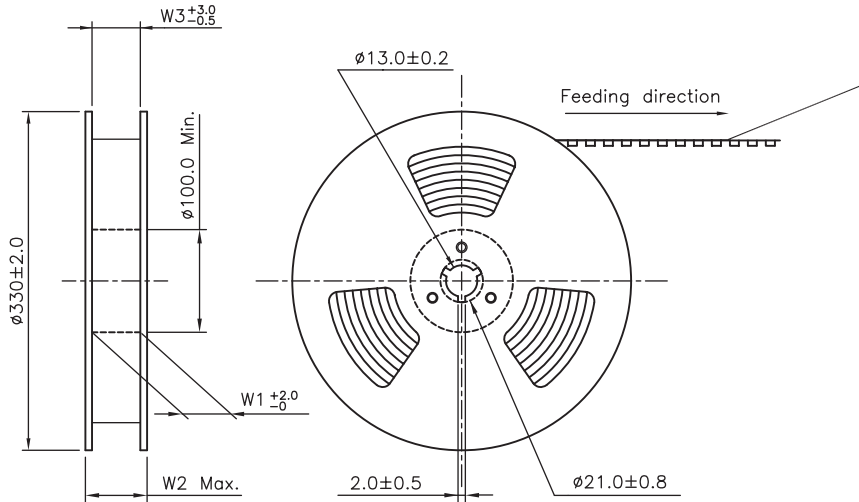
DESCRIPTION: CONFPFI - 0.5 MM PITCH HORIZONTAL DUAL CONTACT,
BACK FLIP ACTUATOR

WERI PART NO: 687 1xx 182 122

SIZE

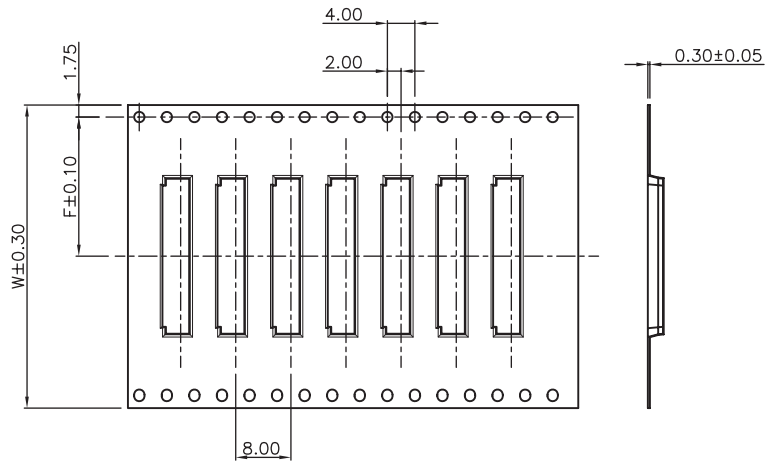
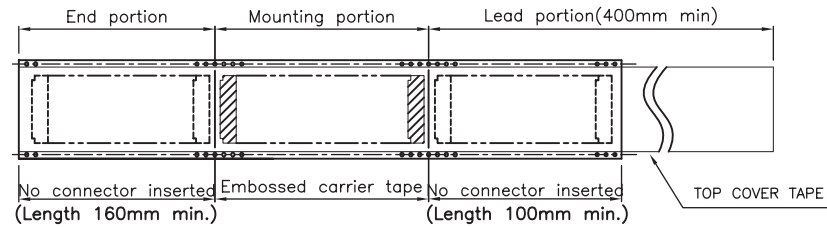
A4

G			
F			
E			
D			
C			
B			
A	08-JUN-15	PDF	AK
REV	DATE	FILE	BY

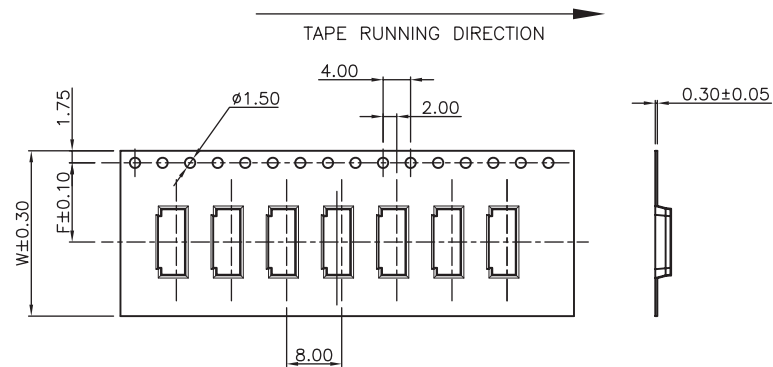


Quantity: 3500 PCS/REEL

Circuits	Dimension					Packing (Reel/Carton)
	E	F	W1	W2	W3	
4-11	16.0(.630)	7.50(.295)	16.5(.650)	22.5(.885)	16.5(.650)	11
12-27	24.0(.945)	11.50(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
28-39	32.0(1.260)	14.20(.559)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7
40	44.0(1.732)	20.20(.795)	44.5(1.752)	50.5(1.988)	44.5(1.752)	5

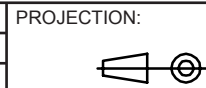


WIDTH : 32, 44, 56 mm Carrier



WIDTH : 16, 24 mm Carrier

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



APPROVAL: GMo

GENERAL TOLERANCE
 .X = +/- 0.2
 .XX = +/- 0.15



DESCRIPTION: CONFPXI - 0.5 MM PITCH HORIZONTAL DUAL CONTACT, BACK FLIP ACTUATOR

WERI PART NO: 687 1xx 182 122

SIZE
A4

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.

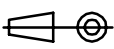

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 3/3	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D