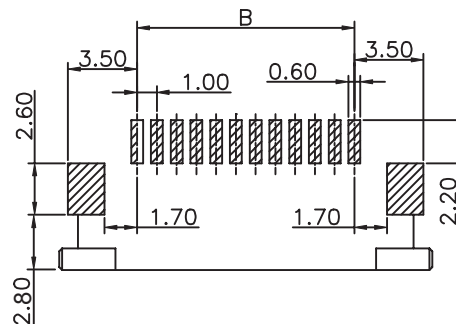


APPLICABLE FFC LAYOUT
(THICKNESS: 0.29 to 0.34)



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*

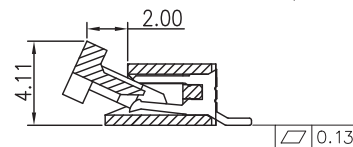
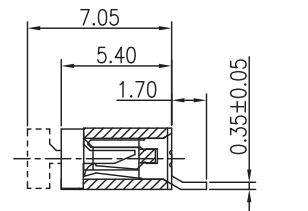
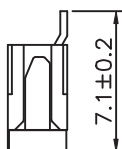
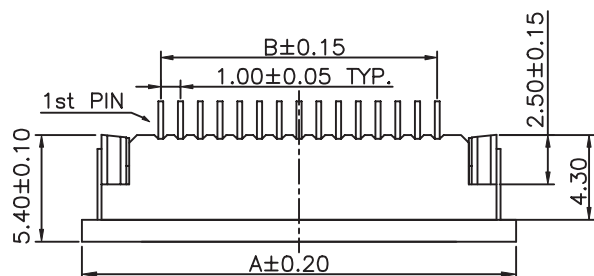
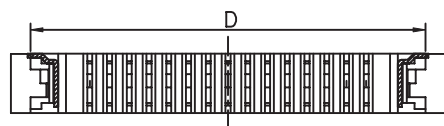
ENVIRONNEMENTAL:
OPERATING TEMPERATURE: -25°C UP TO 85°C
FLAMABILITY RATING: UL94-V0
COMPLIANCE: LEAD FREE AND ROHS

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

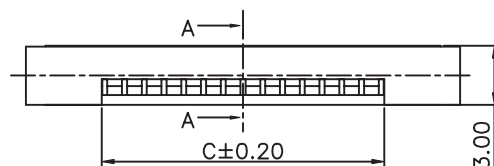
STANDARD
CERTIFIED: E323964 / MODEL NUMBER 686
FOLLOWED BY 1, FOLLOWED BY 03 THRU 30, FOLLOWED
BY 141 OR 144, FOLLOWED BY NUMERIC DIGITS

SOLDERING:
REFLOW PROCESS ONLY


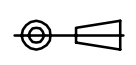
DIMENSION:
A = B + 8.00
B = 1.00 x (NB PINS - 1)
C = B + 2.1
D = B + 6.00



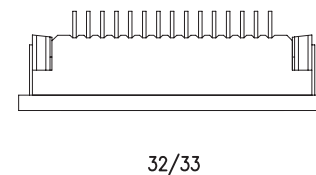
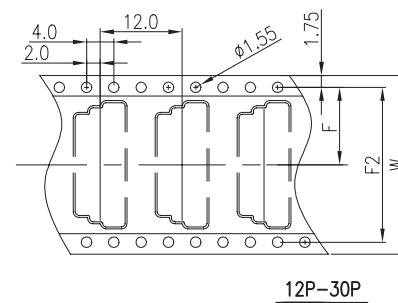
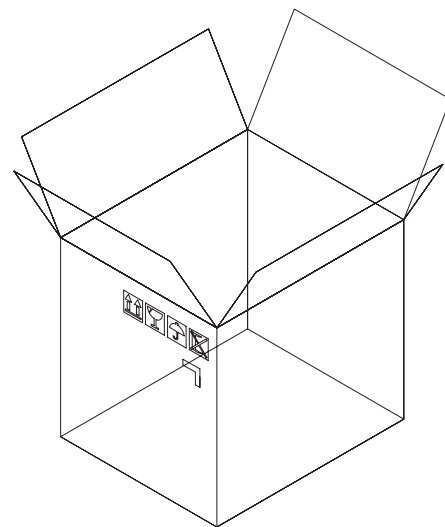
SECT. A-A



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	
L	10-APR-13	ACTUATOR	AR
K	23-JAN-13	UNIT μ => μ"	QL
J	18-SEP-12	MC NOTE	GG
I	28-JUN-12	COLOR	GG
H	26-JUN-12	DIM	GG
REV	DATE	FILE	BY



PROJECTION:	GENERAL TOLERANCE		
	.X = ± 0.2		
	.XX = ± 0.15		
APPROVAL: RJ	UNIT: MM		
	SCALE:	DESCRIPTION: 1.0MM ZIF FPC HORIZONTAL BOTTOM CONTACT TYPE - TAPE & REEL PACKAGING	
	SHEET: 1/2	WERI PART NO: 6861 xx 14422	
	DRAW: PEARL		

SIZE	A4



PIN數	W	F	F2	
04PIN 11PIN	24mm	11.5mm		0.30mm
12PIN 15PIN	32mm	14.2mm	28.4mm	0.30mm
16PIN 22PIN	44mm	20.2mm	40.4mm	0.30mm
24PIN 30PIN	56mm	26.2mm	52.4mm	0.30mm

NOTE:
1.10 sprocket hole pitch cumulative tolerance
2. Carrier camber is within 1 mm in 100mm

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