

MINIFLEX® 3-BFNH L-HD

保持力加強 · 堅固的hold down 設計,較長鋼琴蓋,
低背(高度 = 0.9 mm) · 0.3 mm間距,水平插拔,後鎖式

Product Specifications:

Board Pitch (mm)		0.3
Wiping Length (mm)		Contact A: 0.90 Contact B: 0.45
Size (mm)	Height	0.90 +/- 0.10
	Width	Formula: $1.5 + (0.3 * ?p)$
	Depth	Open: 2.55
Close: 3.50		
Pin counts	Range	7-71 (odd)
	Available	39

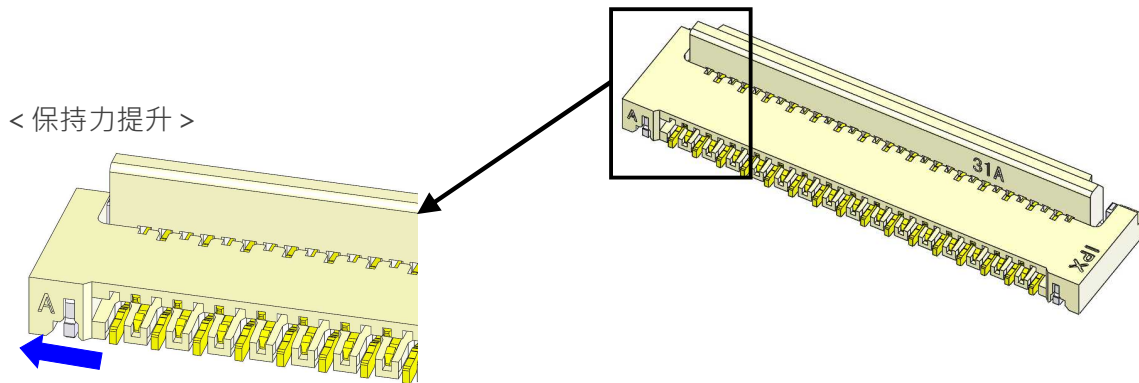
Applicable FPC/FFC:

FPC/FFC Contact Pitch	0.3
FPC/FFC Contact Point	Top and Bottom
FPC/FFC Thickness (mm)	0.2 +/- 0.03

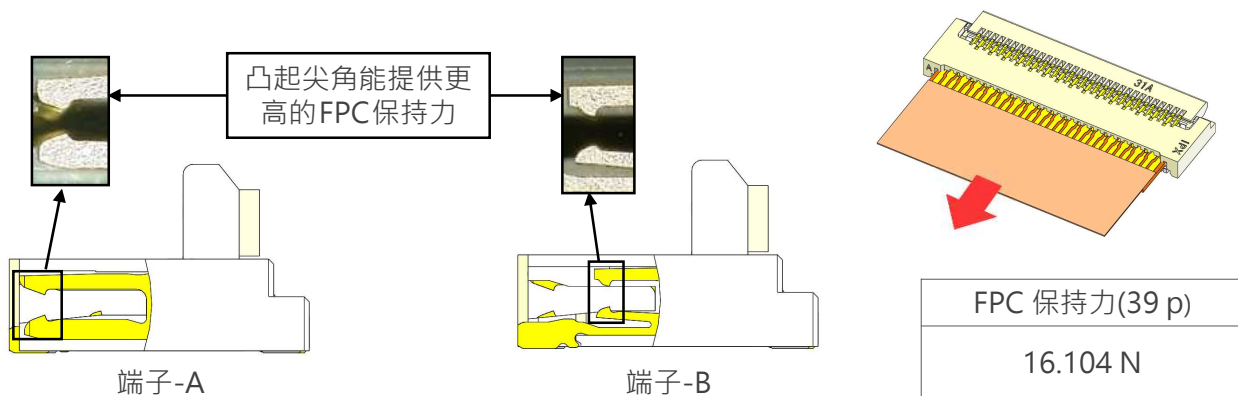
*若有規格外 Pin 數需求,請與當地負責業務窗口聯繫。



► Hold down 設計加強側壁力度



► 尖銳接觸設計，提供高FPC保持力



► 在沒有插入FPC的情況下關閉鋼琴蓋，連接器仍可使用

在沒有插入 FPC 的情況下閉合鋼琴蓋，連接器仍可使用

- FPC未插入情況下閉合鋼琴蓋，其前後的接點間距比較如圖(圖表為 MINIFLEX® 3-BFNH L-HD 39 pins)

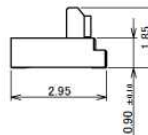
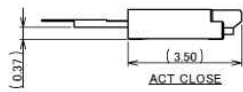
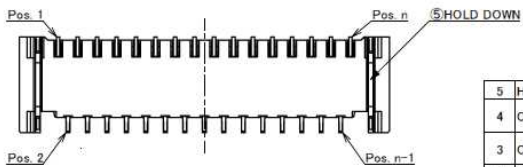
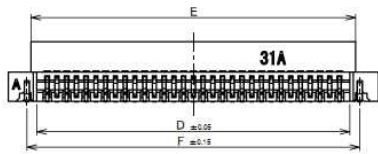
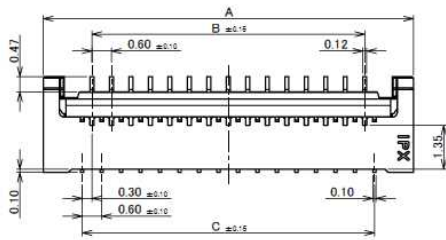


- FPC插入力上升
- FPC保持力無太大變化

Component Parts Details

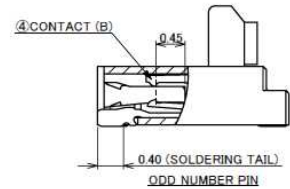
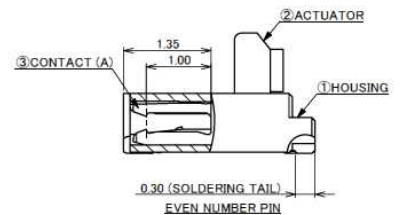
Connector Assembly

Recommended P/N 20660-0**E-01



PART No.	Pos.	A	B	C	D	E	F
◆20660-031E-01	31P	11.40	8.40	8.00	9.85	10.00	10.25
◆20660-039E-01	39P	13.80	10.80	11.40	12.05	12.40	12.65
◆20660-071E-01	71P	23.40	20.40	21.00	21.65	22.00	22.25

◆MARK MEANS NOT AVAILABLE.



NOTES:
1. CONTACT POINT: TOP AND BOTTOM CONTACT

5	HOLD DOWN	BRASS	
4	CONTACT(B)	PHOSPHOR BRONZE	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.0 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.0 μm MIN.
3	CONTACT(A)	PHOSPHOR BRONZE	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.0 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.0 μm MIN.
2	ACTUATOR	LCP	UL94V-0, BEIGE
1	HOUSING	LCP	UL94V-0, BEIGE
NO.	DISCRPTION	MATERIAL	REMARKS

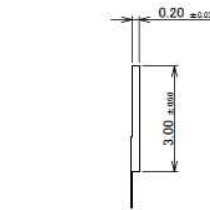
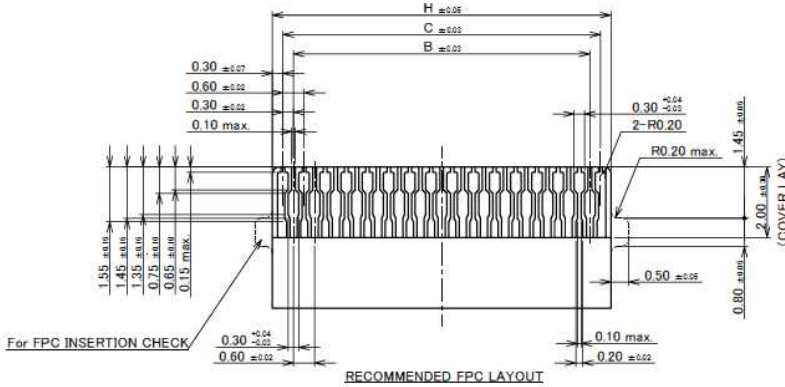
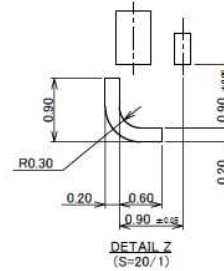
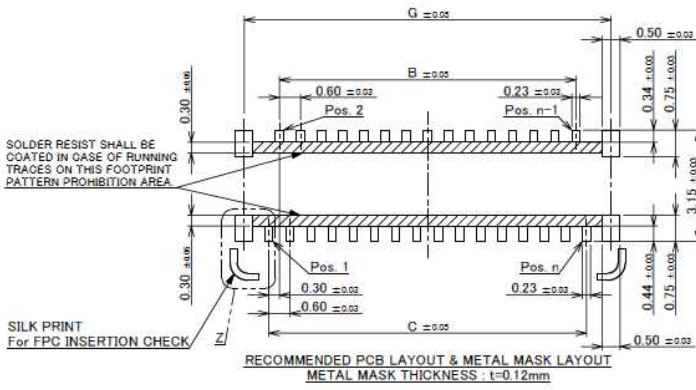
CAUTION VISIT OUR WEBSITE FOR LATEST VERSIONS OF INSTRUCTION MANUAL NO. HIM-14004 TO HANDLE THE PRODUCT PROPERLY AND SAFELY.

Rev.6

Connector Assembly

PART No.	Pos.	B	C	G	H
◆20660-031E-01	31P	8.40	9.00	10.40	9.60
◆20660-039E-01	39P	10.80	11.40	12.80	12.00
◆20660-071E-01	71P	20.40	21.00	22.40	21.60

◆MARK MEANS NOT AVAILABLE.

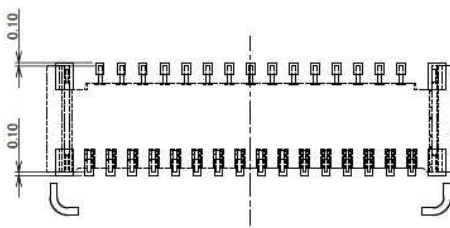


ANGLE: ±2° 6 OVER 30 MAX. ±0.3
6 MAX. ±0.2 30 OVER 120 MAX. ±0.5

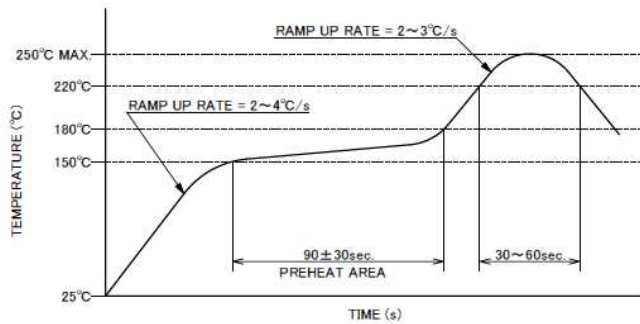
PROJECTION

SERIES No. R3

CUSTOMER COPY



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. - M705-SHF(Sn96.5 Ag3.0 Cu0.5)

Rev.6

Connector Assembly

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT)
RATING AMPERAGE	0.3A DC (PER CONTACT)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : \surd140mohm MAX.
INSULATION RESISTANCE	100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL : 0.245N(24.5gf) \times n MAX. / 20TH CYCLES : 0.245N(24.5gf) \times n MAX.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL : 0.014N(1.4gf) \times n MIN. / 20TH CYCLES : 0.014N(1.4gf) \times n MIN.
FPC RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL : 0.13N(13gf) \times n MIN. / AFTER TEST : 0.10N(10gf) \times n MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2073
TEST REPORT	TR-15025
PACKING STANDARD	PST-15042
INSTRUCTION MANUAL	HIM-14004
APPEARANCE CRITERIA No.	QLS-A***

※ "n" IS THE NUMBER OF PIN

Rev.6

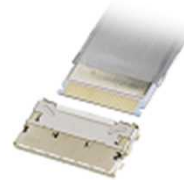
Board to Board



High-Density



Autolocking FPC/FFC



High-Density



FPC/FFC



Micro-Coaxial / Discrete Cable



High-Speed



RF



High-Frequency



Optical Module



High-Speed



Power



High-Power



I/O (Input/Output)



Quick charge

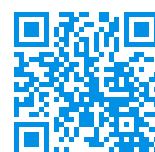


Effector



Custom Connectors Available

Inquiry



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