

# MINIFLEX® 5-FF

보강판에 의한 견고성, 고온 대응(125°C), 높이 = 2.55 mm, 0.5 mm Pitch, 수평 결합, 프론트 플립



**Product Specifications:**

Board Pitch (mm)	0.5	
Wiping Length (mm)	1.40	
Size (mm)	Height	2.55 +/- 0.2
	Width	Formula: 4.9+(0.5*?p)
	Depth	Open: 6.4 Close: 7.2
Pin counts	Range	10-80 (even)
	Available	20, 30, 40, 50, 55, 60, 64, 68

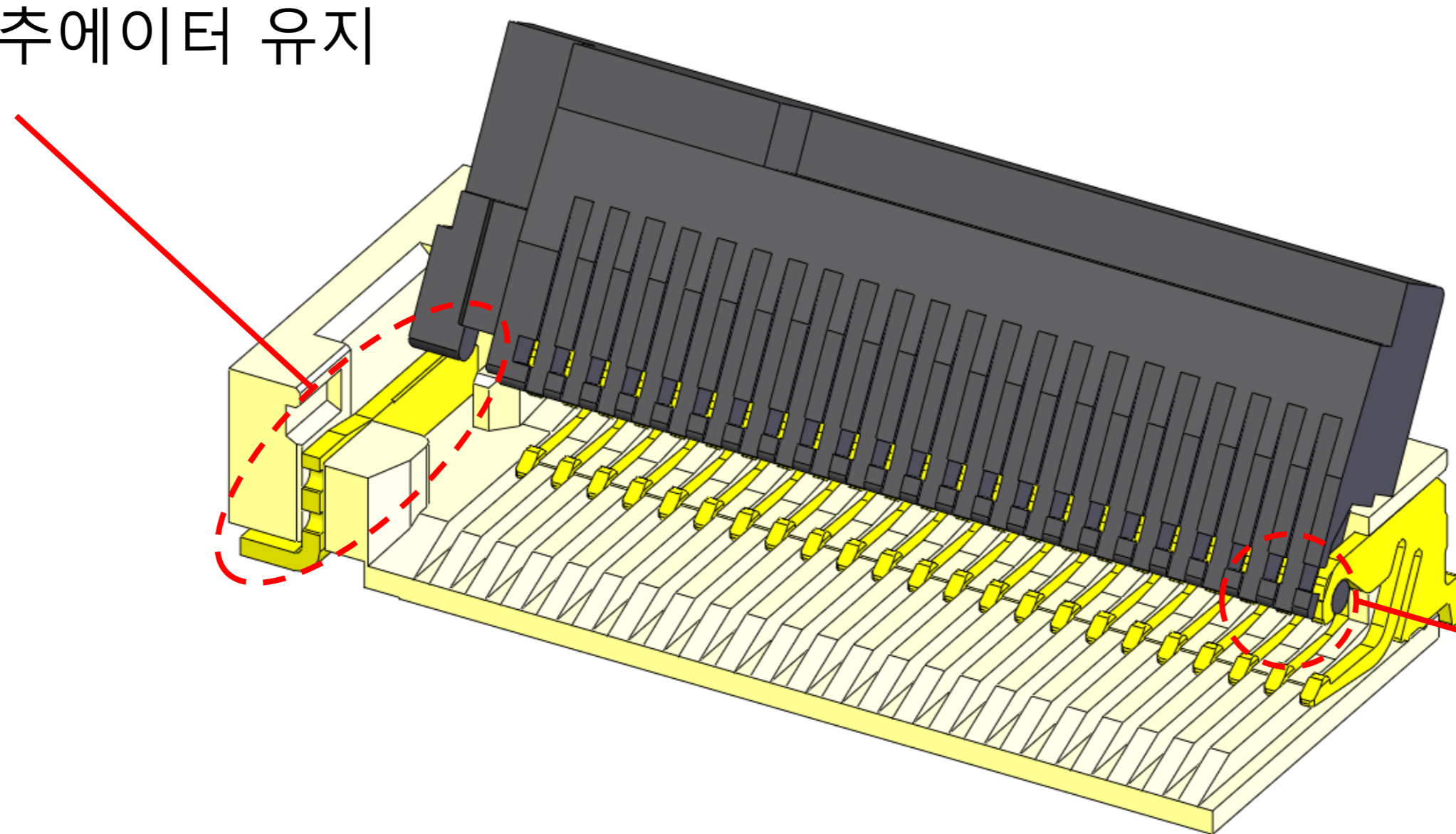
**Applicable FPC/FFC:**

FPC/FFC Contact Pitch	0.5
FPC/FFC Contact Point	Bottom
FPC/FFC Thickness (mm)	0.3 +/- 0.05

\*기재가 되어있지 않은 핀 수의 대응 여부에 대해서는 문의해 부탁드립니다.

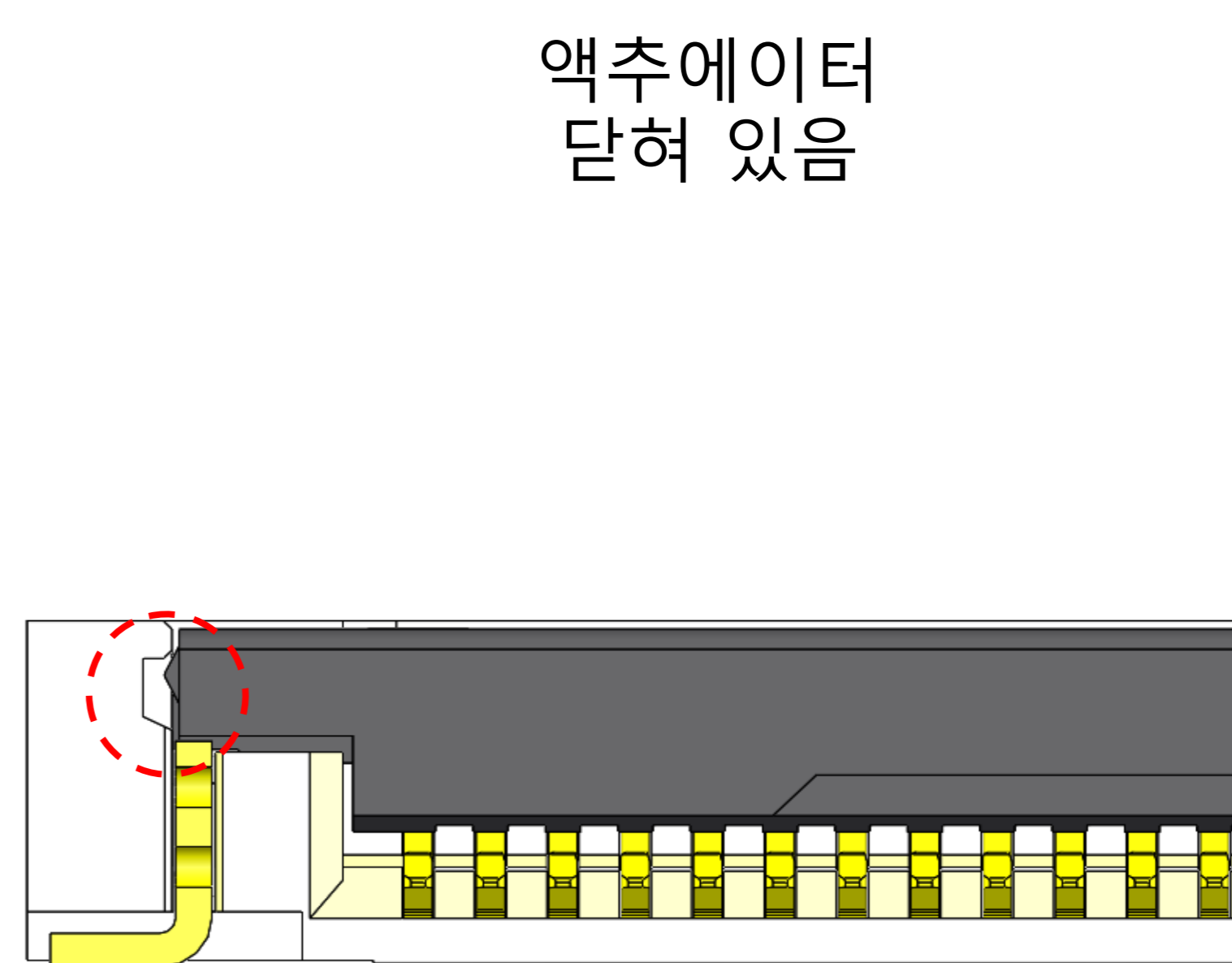
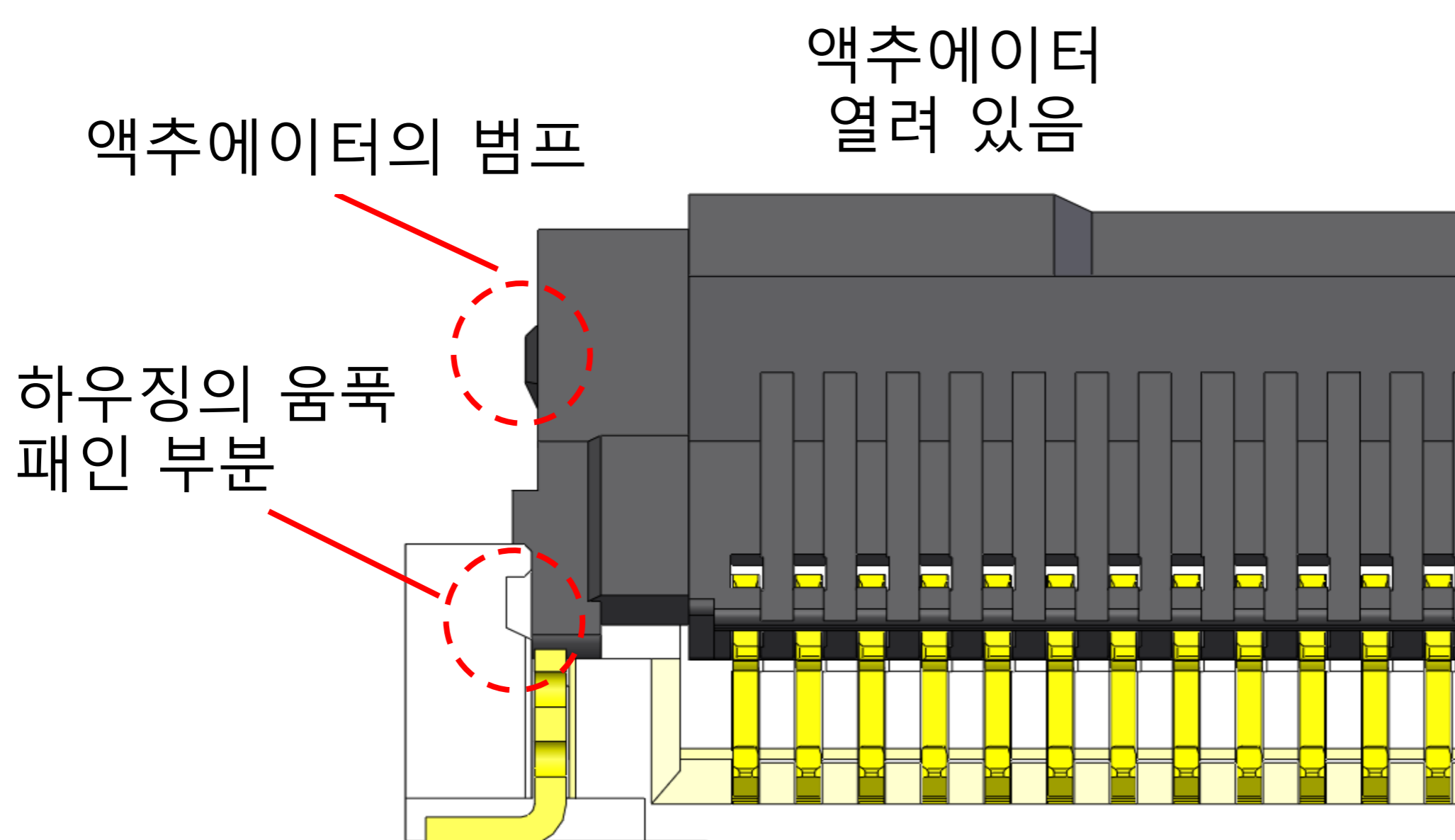
## ▶ 보강판에 의한 액추에이터 빠짐 방지 구조

고정 부품이 액추에이터 유지



각 접촉 부품이 액추에이터 유지

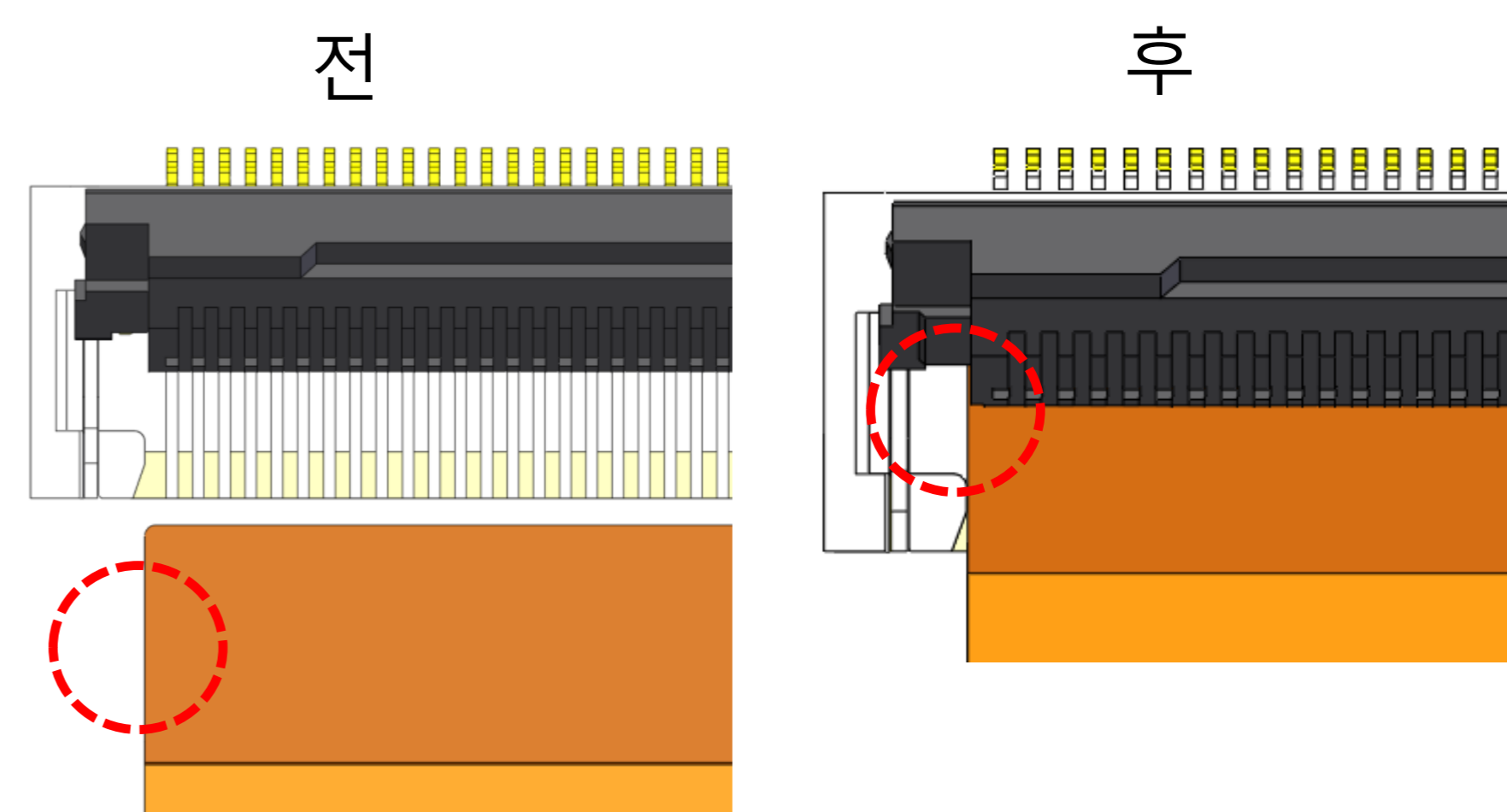
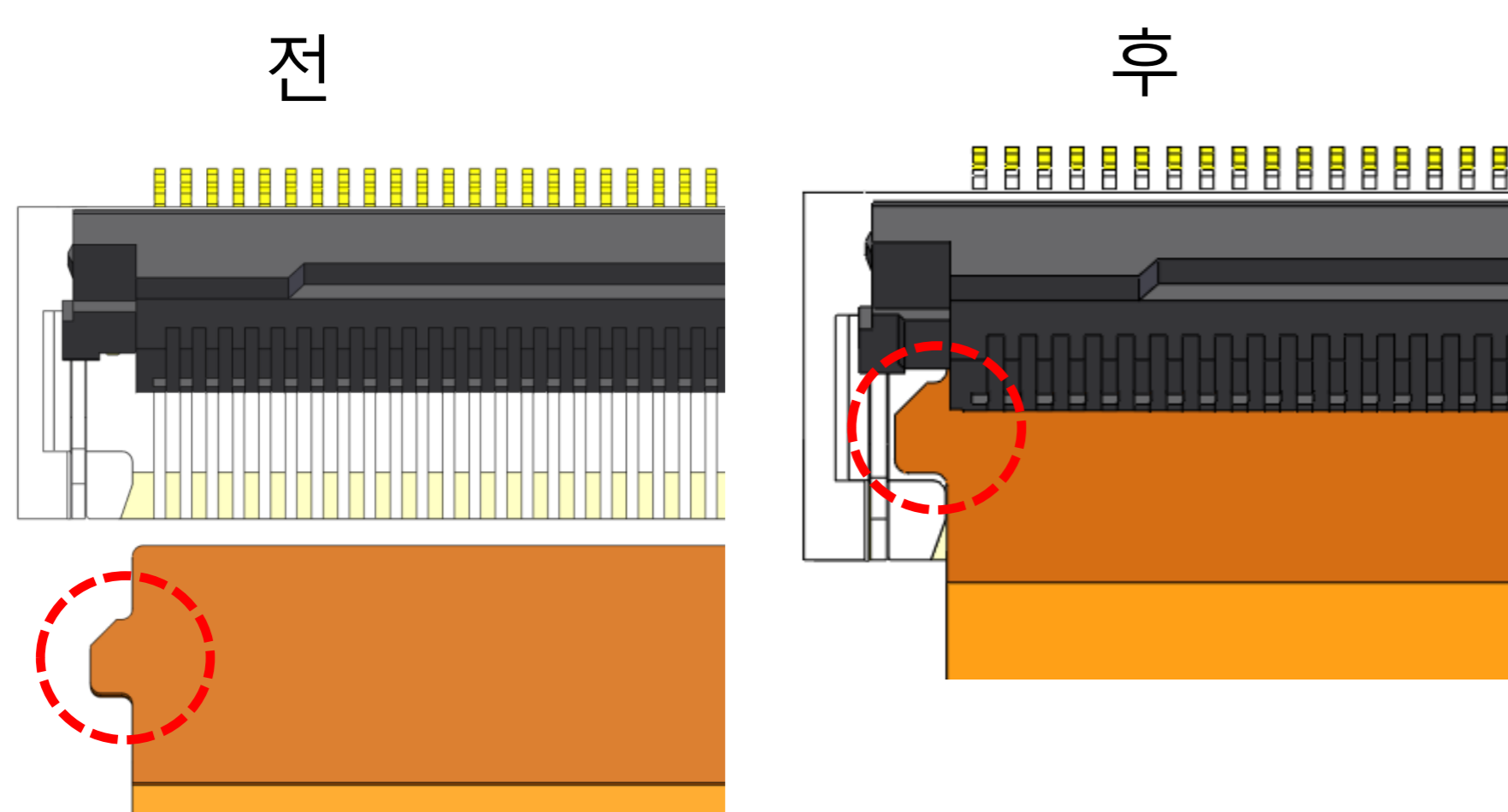
## ▶ 액추에이터의 돌기 부분을 통해, 돌발적인 액추에이터의 해제를 방지



## ▶ FPC/FFC 상의 탭 적용/미적용 사양 모두 사용 가능

탭 장착 FPC/FFC

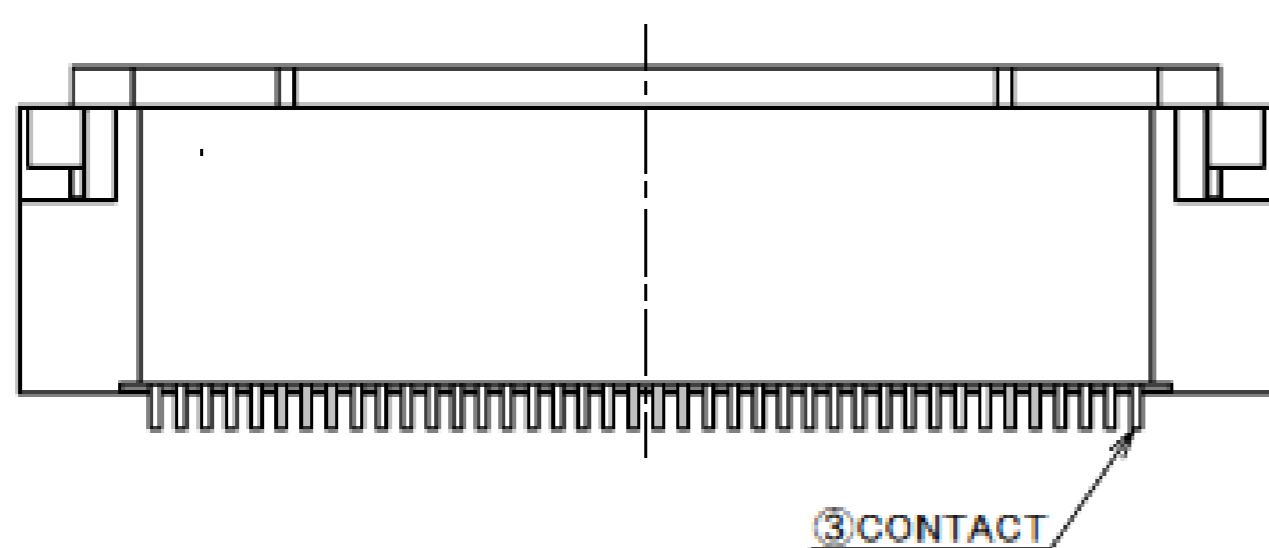
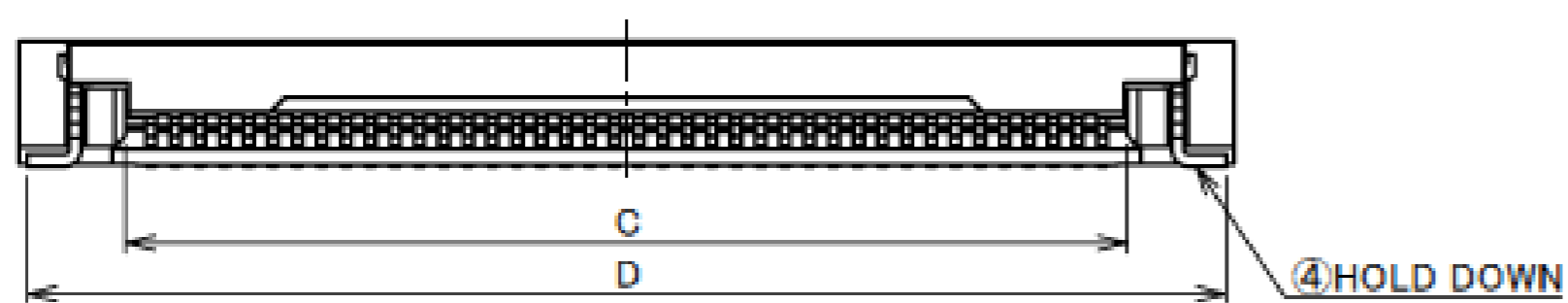
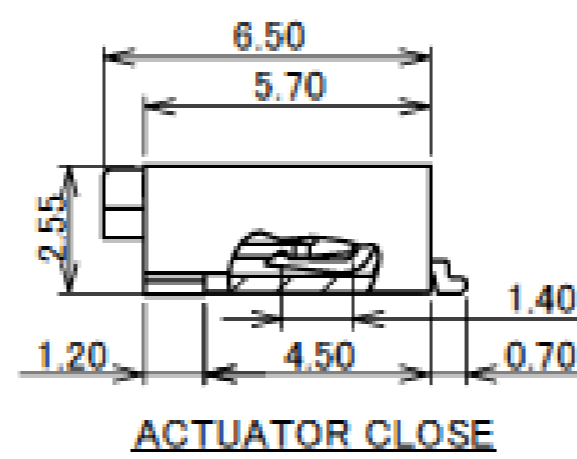
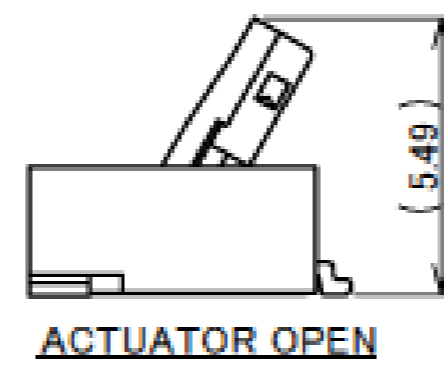
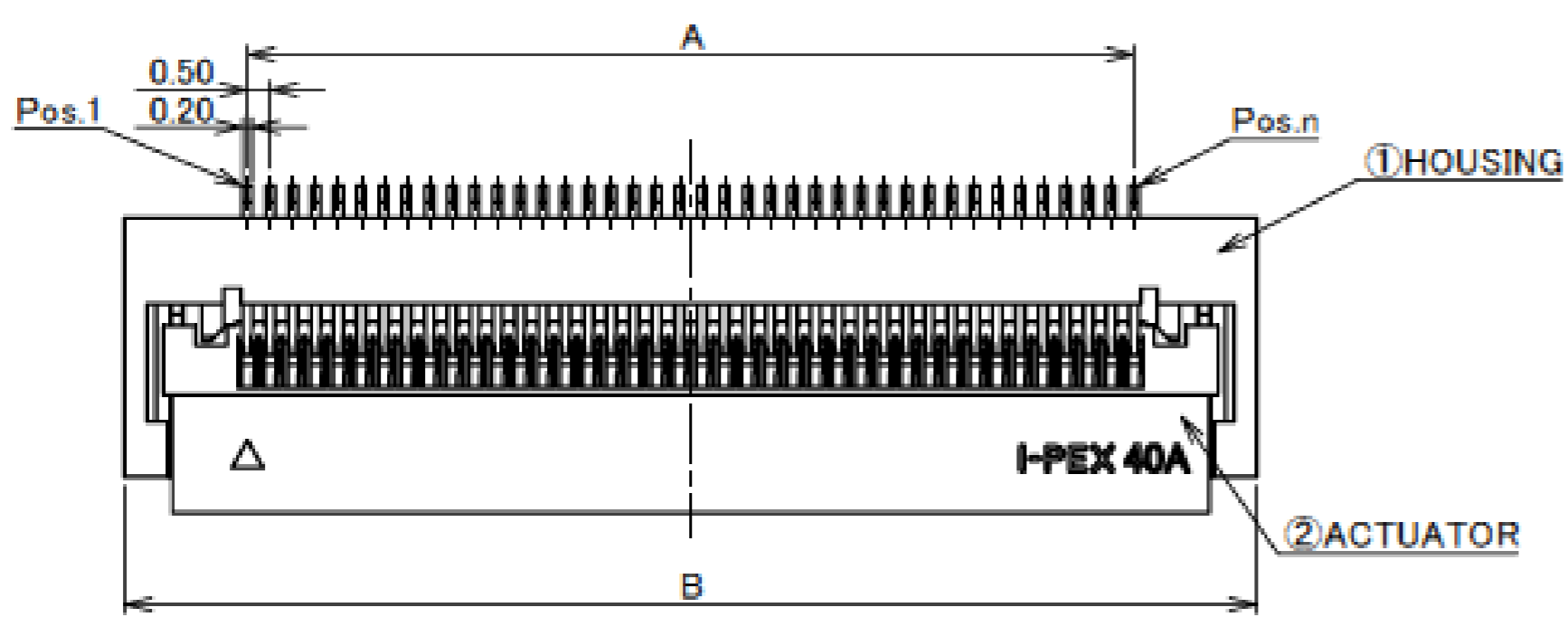
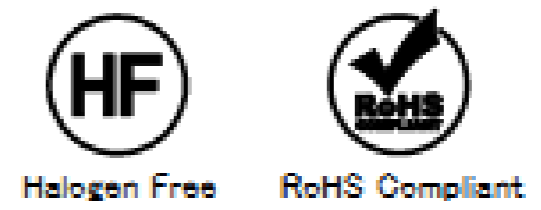
탭 미장착 FPC/FFC



# Component Parts Details

## Connector Assembly

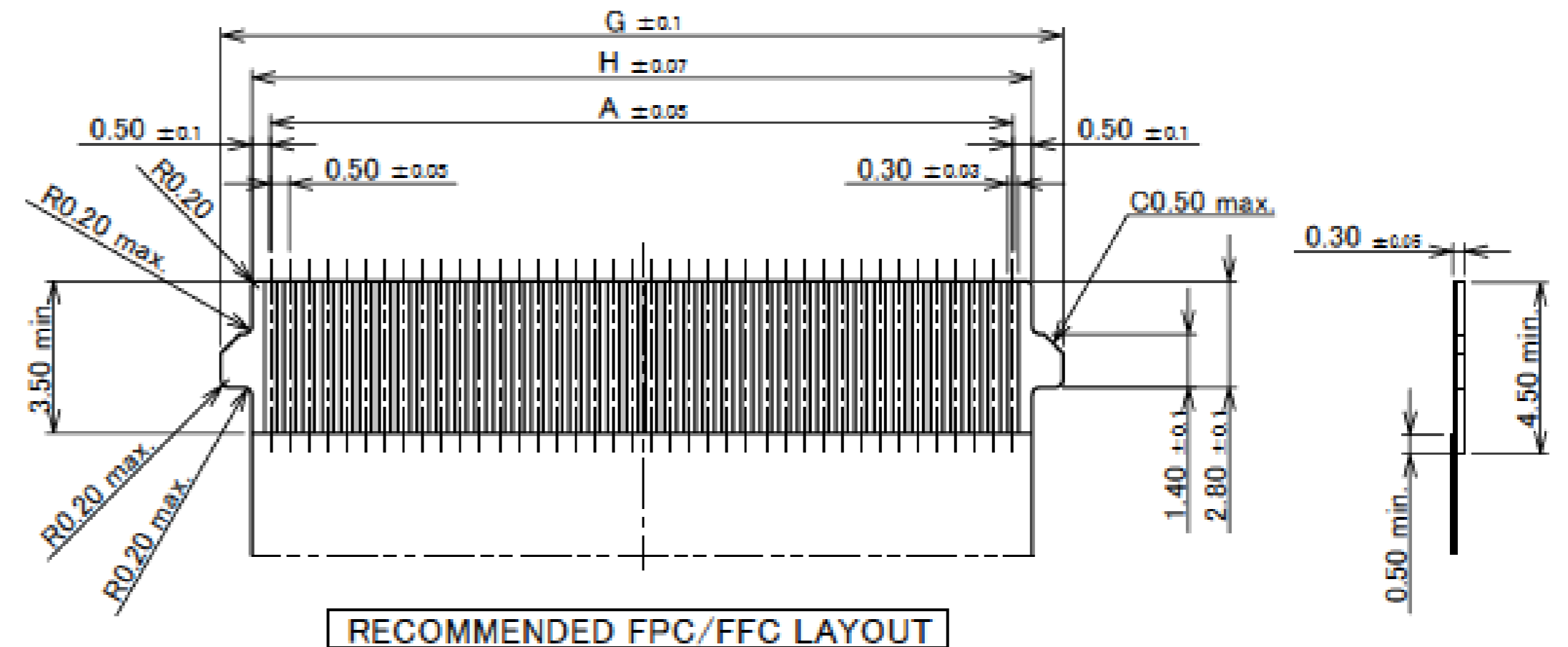
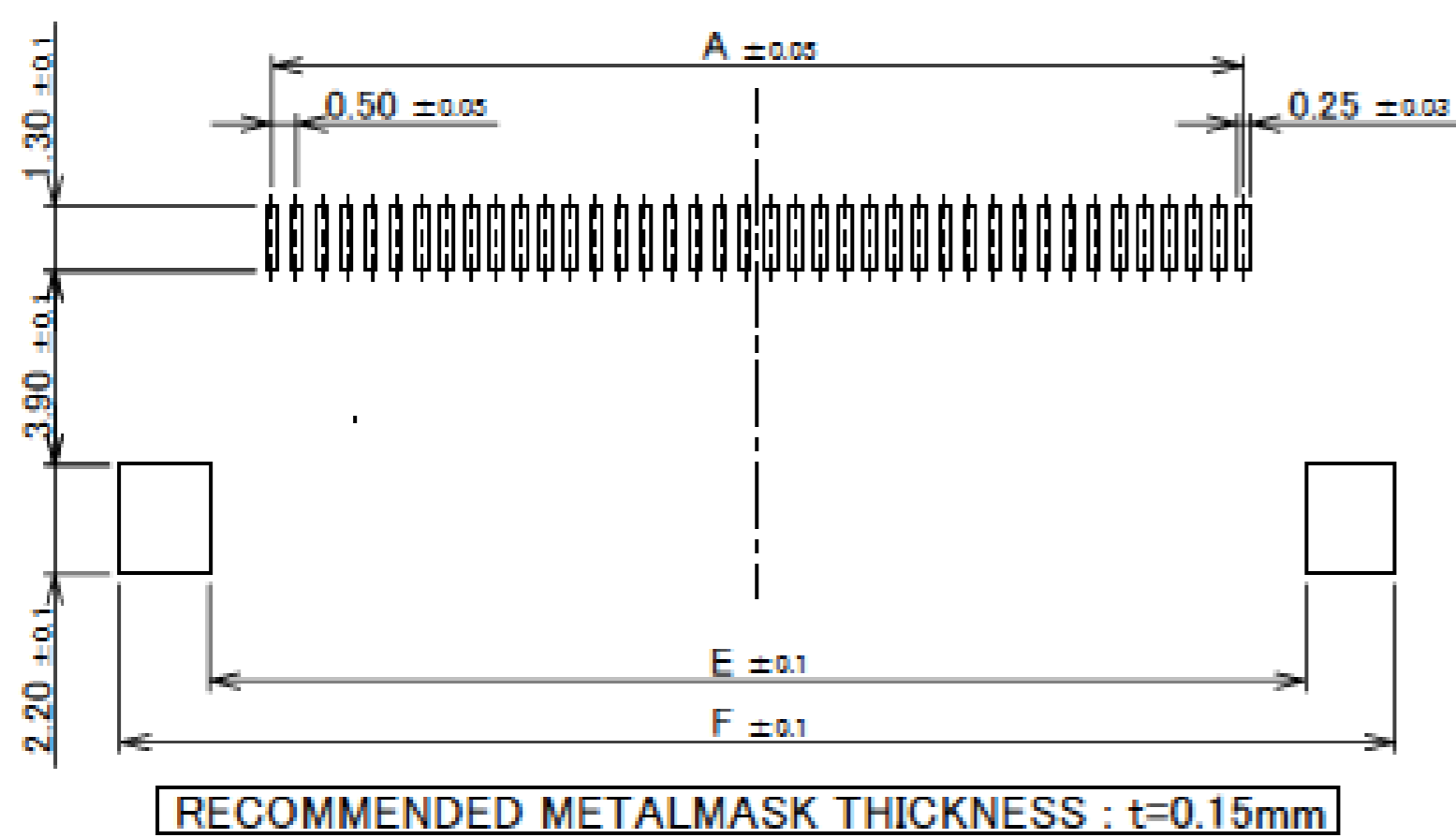
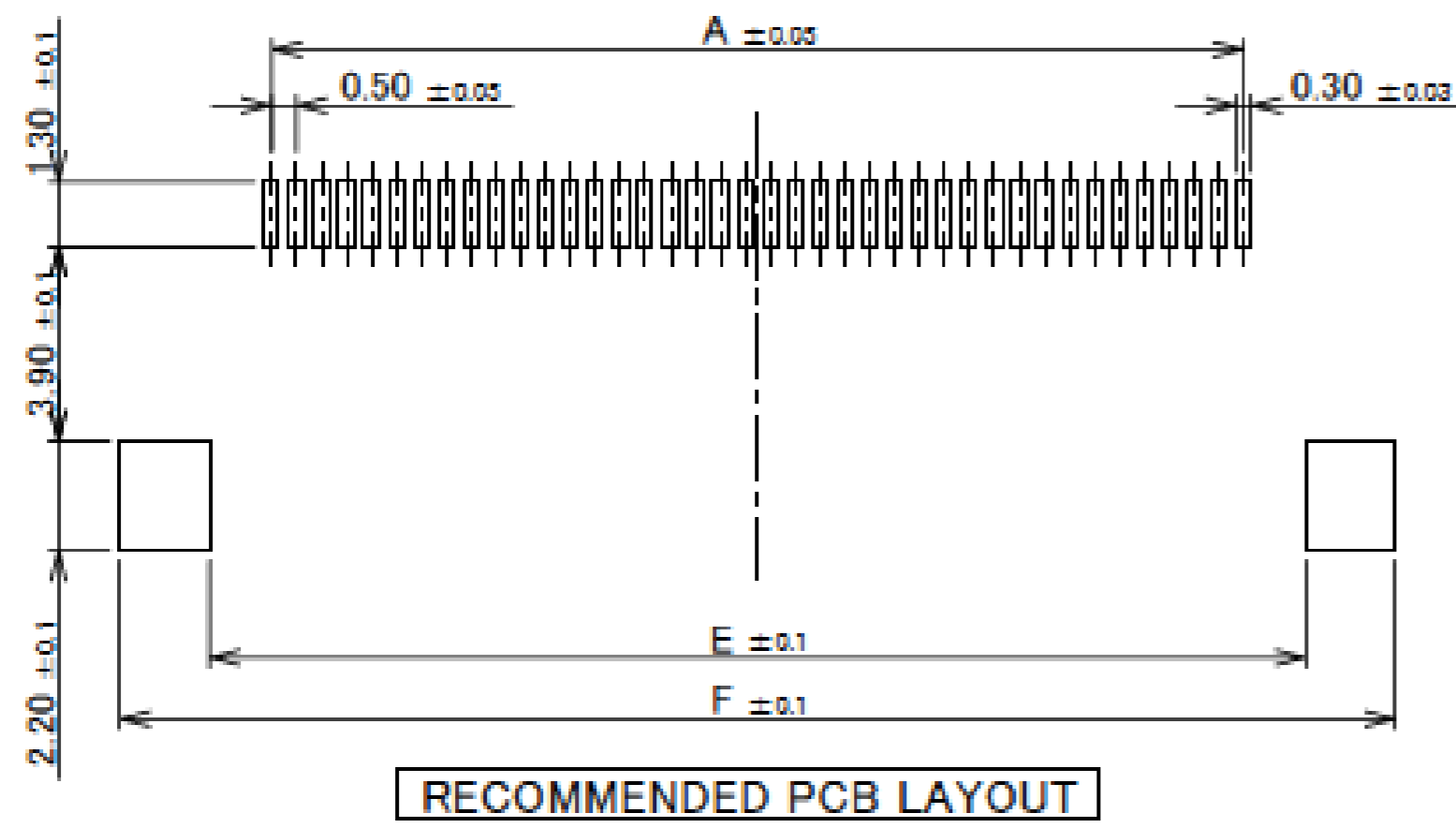
Recommended P/N		20647-0**E-01			
PART No.	Pos.	A	B	C	D
20647-020E-01	20P	9.50	14.90	10.57	14.58
20647-030E-01	30P	14.50	19.90	15.57	19.58
20647-040E-01	40P	19.50	24.90	20.57	24.58
20647-050E-01	50P	24.50	29.90	25.57	29.58
20647-055E-01	55P	27.00	32.40	28.07	32.08
20647-060E-01	60P	29.50	34.90	30.57	34.58
20647-064E-01	64P	31.50	36.90	32.57	36.58
20647-068E-01	68P	33.50	38.90	34.57	38.58



4	HOLD DOWN	COPPER ALLOY	SOLDERING AREA : Au 0.02 $\mu$ m MIN. OVER Ni 1.00 $\mu$ m MIN.
3	CONTACT	COPPER ALLOY	CONTACT AREA : Au 0.03 $\mu$ m MIN. OVER Ni 1.00 $\mu$ m MIN. SOLDERING AREA : Au 0.03 $\mu$ m MIN. OVER Ni 1.00 $\mu$ m MIN.
2	ACTUATOR	LCP	UL94V-0 BLACK
1	HOUSING	LCP	UL94V-0 BEIGE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

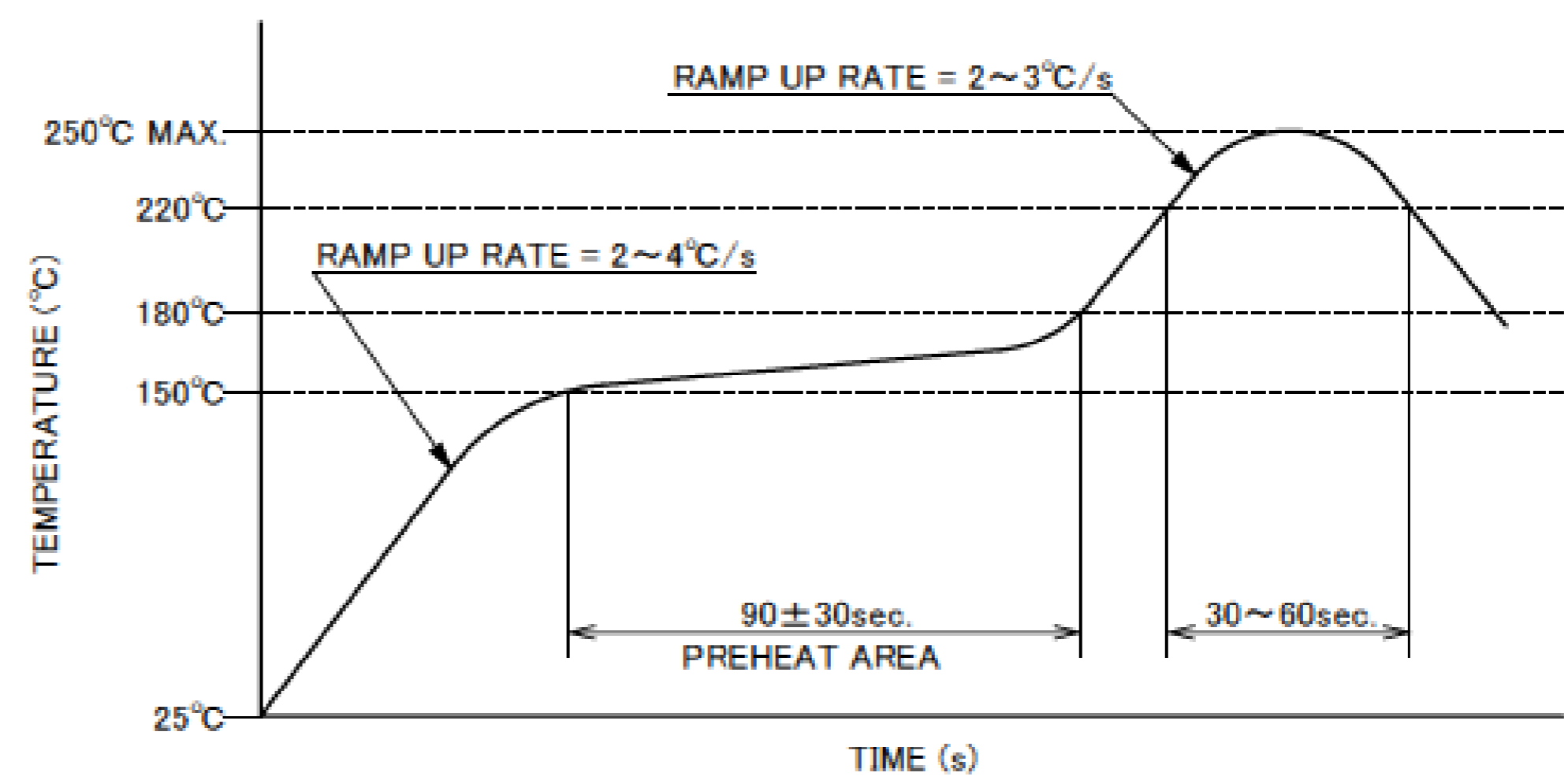
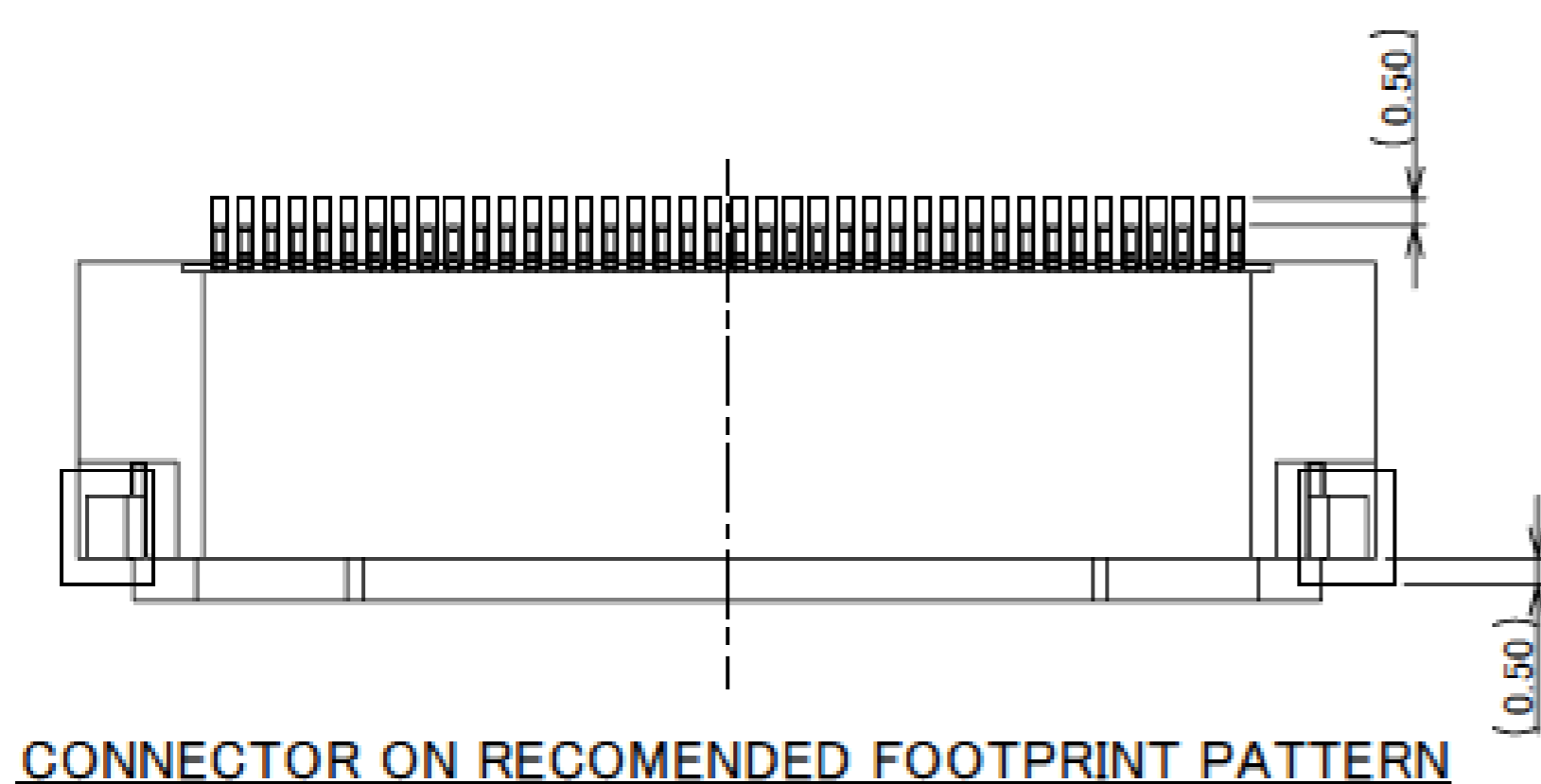
# Connector Assembly

Pos.	A	E	F	G	H
20P	9.50	12.00	15.60	12.10	10.50
30P	14.50	17.00	20.60	17.10	15.50
40P	19.50	22.00	25.60	22.10	20.50
50P	24.50	27.00	30.60	27.10	25.50
55P	27.00	29.50	33.10	29.60	28.00
60P	29.50	32.00	35.60	32.10	30.50
64P	31.50	34.00	37.60	34.10	32.50
68P	33.50	36.00	39.60	36.10	34.50



- NOTES
- MATERIAL
    - COVER FILM : PI
    - CONDUCTOR : COPPER
    - BASE FILM : PI
    - STIFFENER : PI
    - ADHESIVE : THERMOSETTING ADHESIVE
  - FINISH
    - Au OVER Ni UNDER PLATING

Rev.12



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# Plug for Cable Assembly

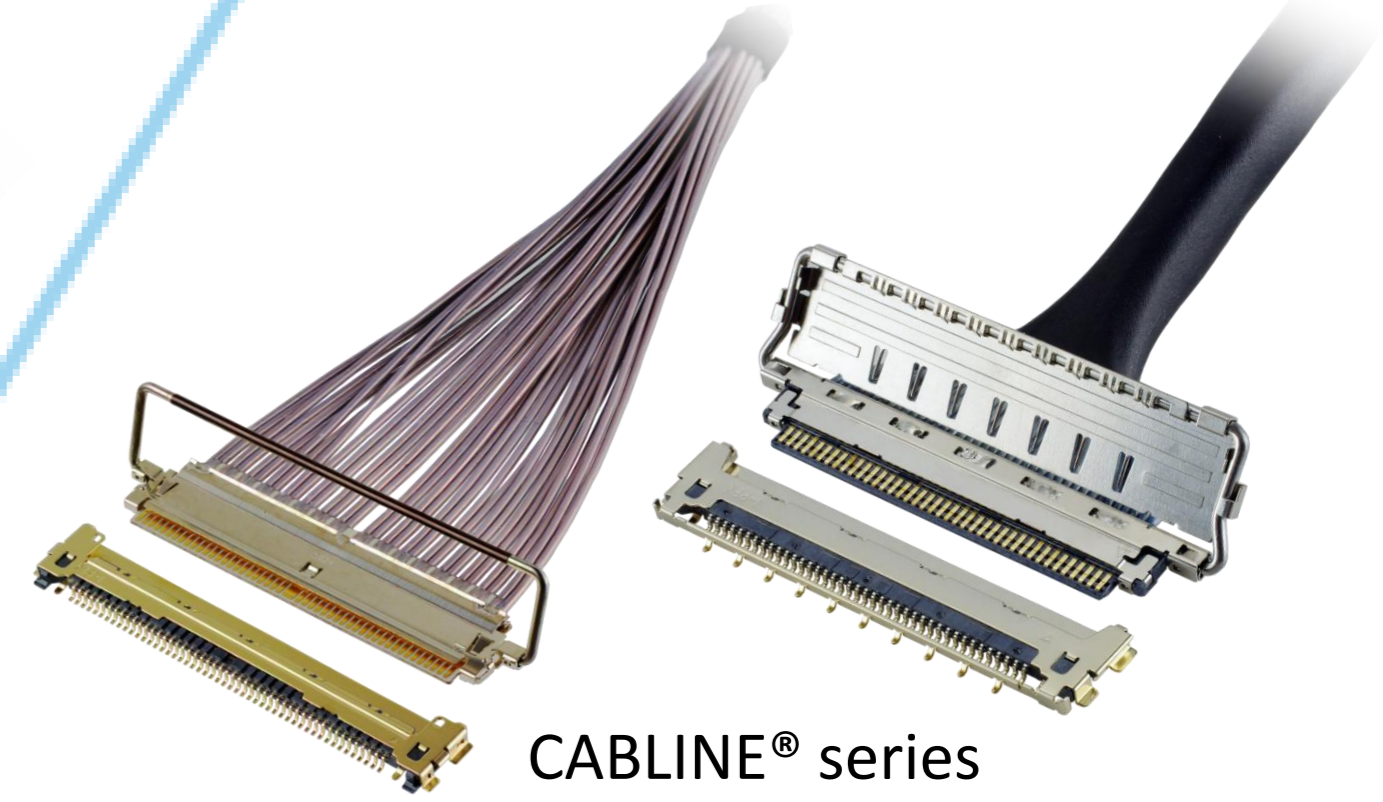
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A DC (PER CONTACT PIN) / 0.35A DC(AVAILABLE FOR ALL PIN)
OPERATING TEMPERATURE	233~378K(-40°C~+105°C)
OPERATING HUMIDITY	90% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 40mohm MAX. / AFTER TEST : <math>\leq</math>20mohm MAX.
INSULATION RESISTANCE	INITIAL : 500Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20 CYCLES
CABLE RETENTION FORCE	20P : 8.0N MIN.
	30P : 12.0N MIN.
	40P : 16.0N MIN.
	50P : 20.0N MIN.
	55P : 22.0N MIN.
	60P : 24.0N MIN.
	64P : 25.6N MIN.
68P : 27.2N MIN.	
PRODUCT SPECIFICATION	PRS-2039
TEST REPORT	TR-14129
PACKING STANDARD	PST-14086
INSTRUCTION MANUAL	HIM-15007
APPEARANCE CRITERIA No.	QLS-A***

Rev.12

# Custom Connectors Available

 RF Connectors

MHF® series



CABLINE® series

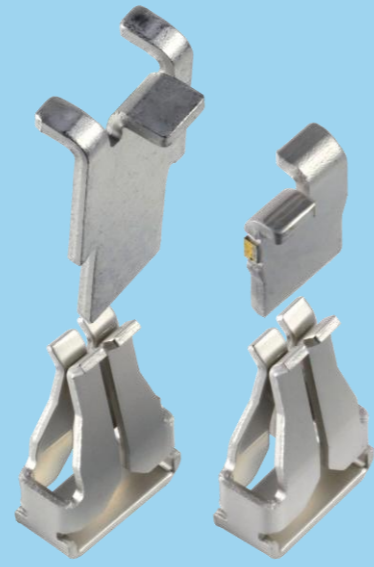


Micro-Coaxial/Twinax Connectors

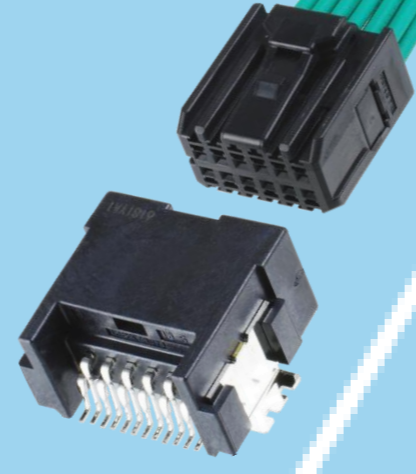


Wire-to-Board Connectors/Terminals

AP series



ISH® series



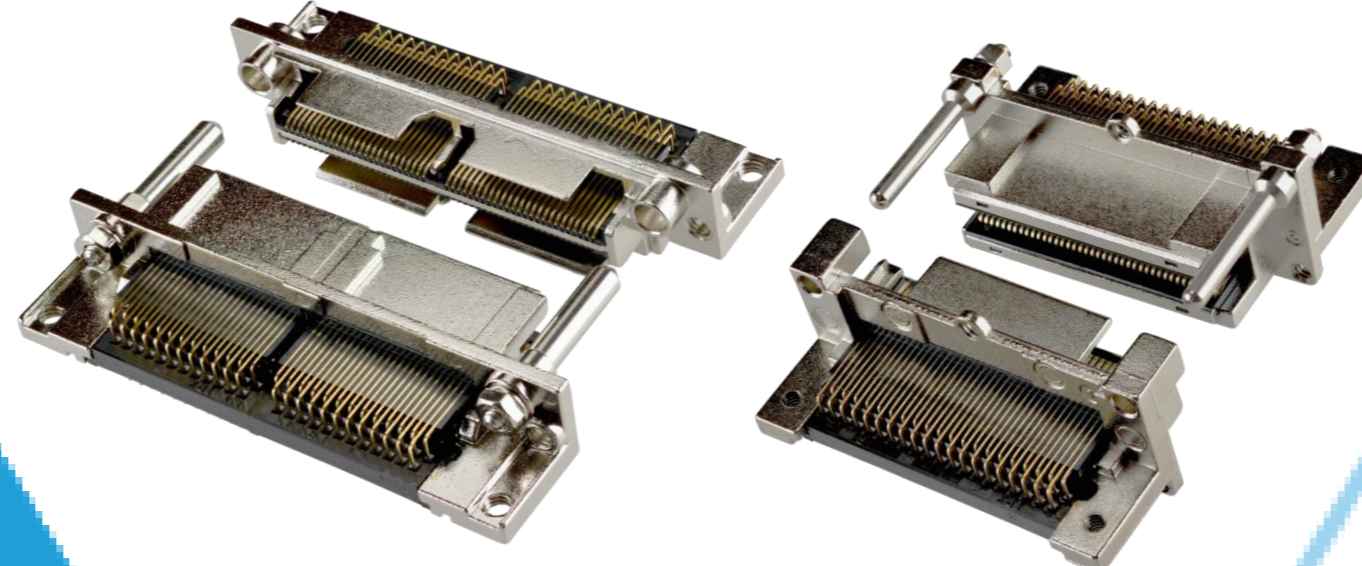
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

MINIFLEX® series

EVAFLEX® series



FPC/FFC Connectors



Inquiry



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