

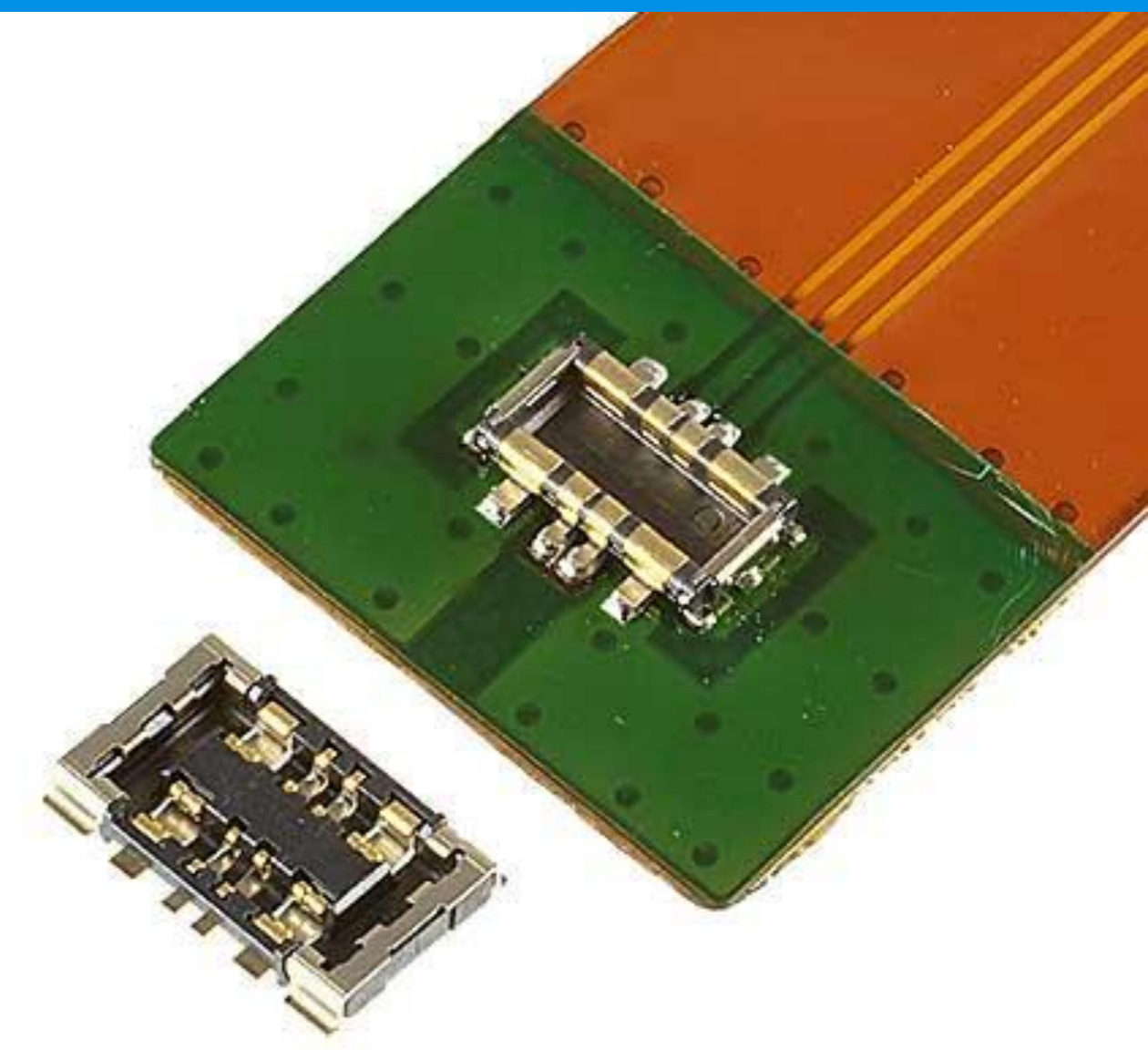
NOVASTACK®-B

0.4 mm 피치, 고전력(6 A x 4핀) (높이: 0.6 mm; 폭: 2.6 mm)

Product Specifications:

Board Pitch (mm)	0.4 (signal), 1.7 (power)	
Wiping Length (mm)	0.1	
Mated Size (mm)	Height	0.6 +/- 0.1
	Width	Formula: 3.20 +(0.4*? p/2)
	Depth	2.6
Current Rating	Signal	1.0 A/pin
	Power	6.0 A/pin x 4
Pin Counts	Range	2 - 4 (signal)+ 4 (power)
	Available	4 + 4

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

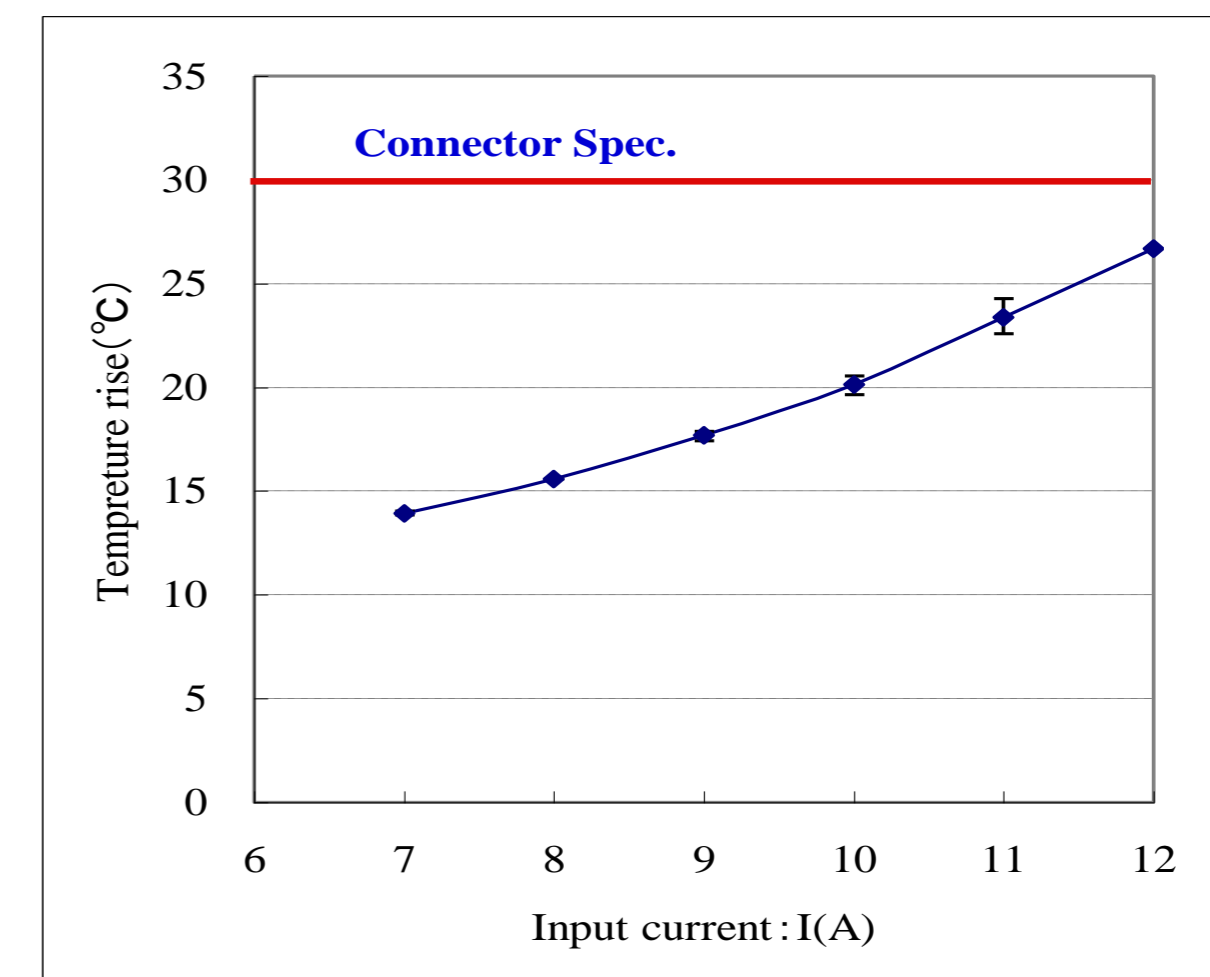


▶ 6.0 A x 4 핀 (USB 전력 전송 적용 가능), 신호 핀 4 개 포함

온도 상승 사양 : ΔT =최대 30도(12.0A에서)

입력 전류	전원 : I=7.0~12.0 A 신호 : 1.0 A
입력	

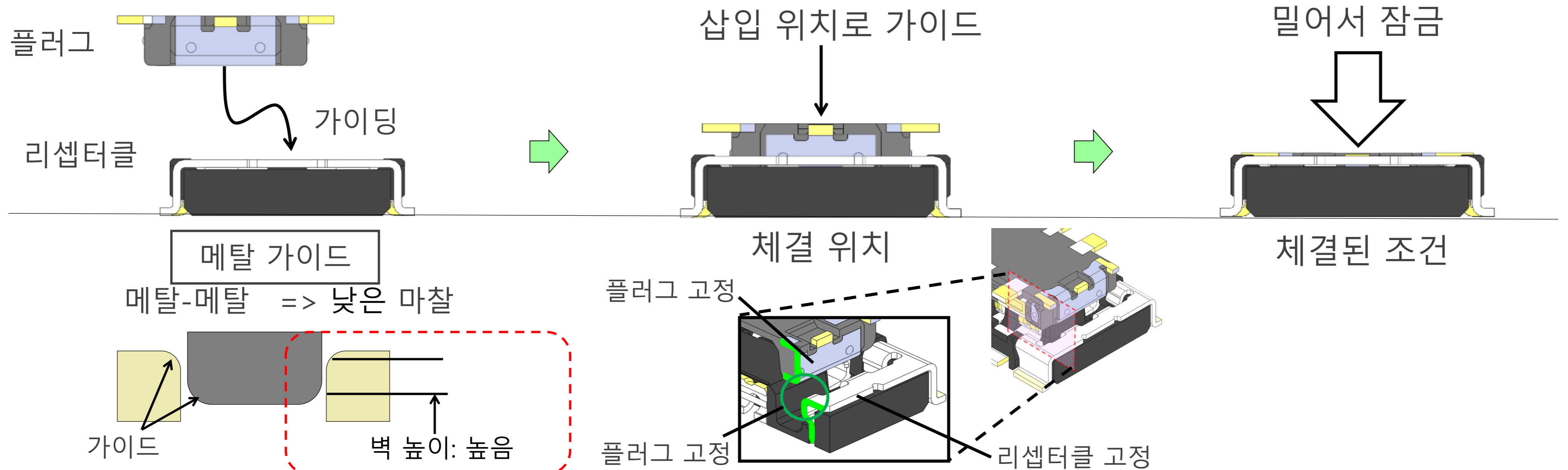
테스트 결과
온도 상승 측정 값인 ΔT 는 최대 27.1도(섭씨)였으며 사양을 만족시킴. NOVASTACK-B는 12A의 고전류에 적용 가능함.



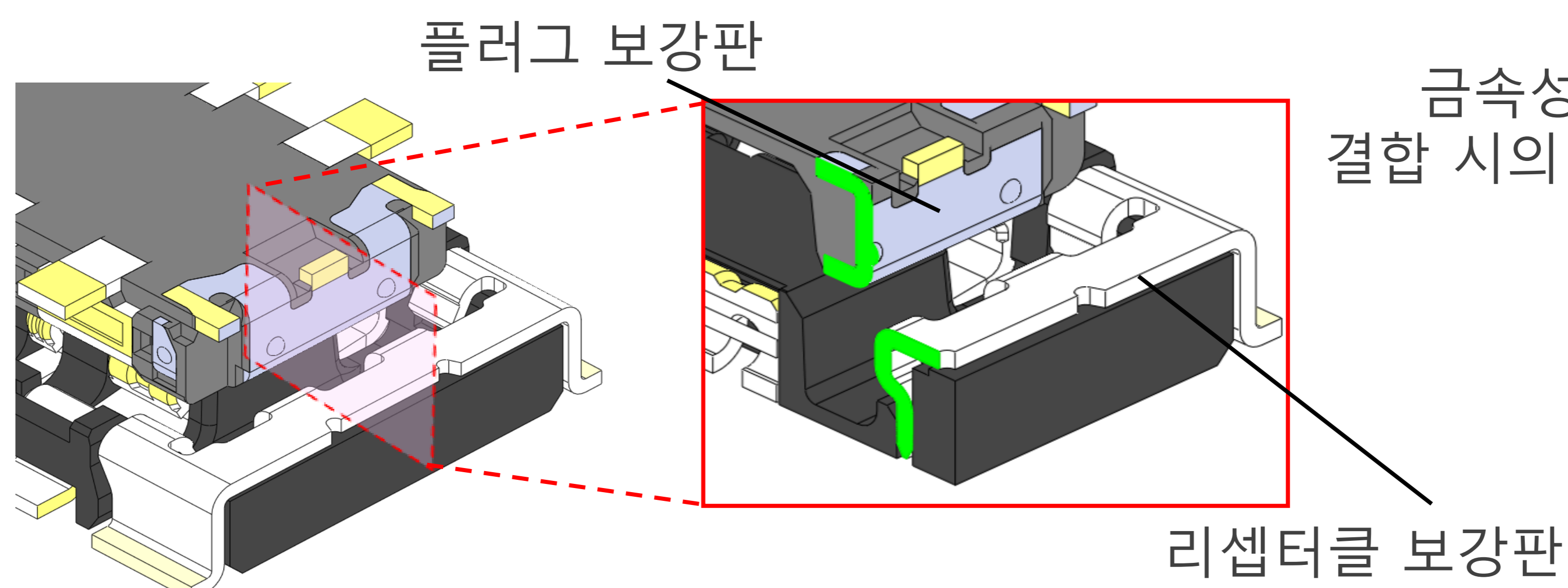
▶ 쉬운 체결을 가능하게 하는 메탈-메탈가이드

체결 프로세스

메탈로 인한 쉬운 "도입 부분" <=> 메탈의 낮은 마찰



▶ 견고한 구조를 위한 삽입형 플러그 및 메탈-메탈 가이드



금속성 보강판에 의해,
결합 시의 커넥터 파손을 저감

Component Parts Details

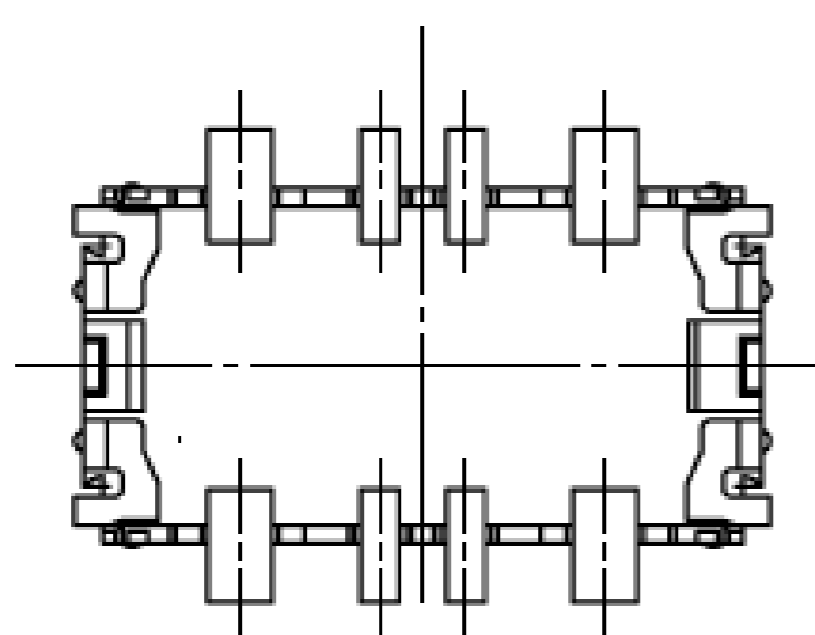
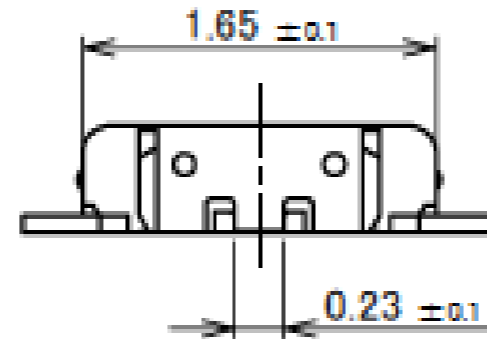
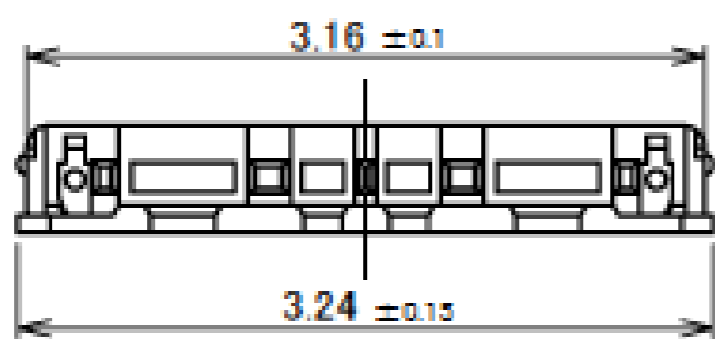
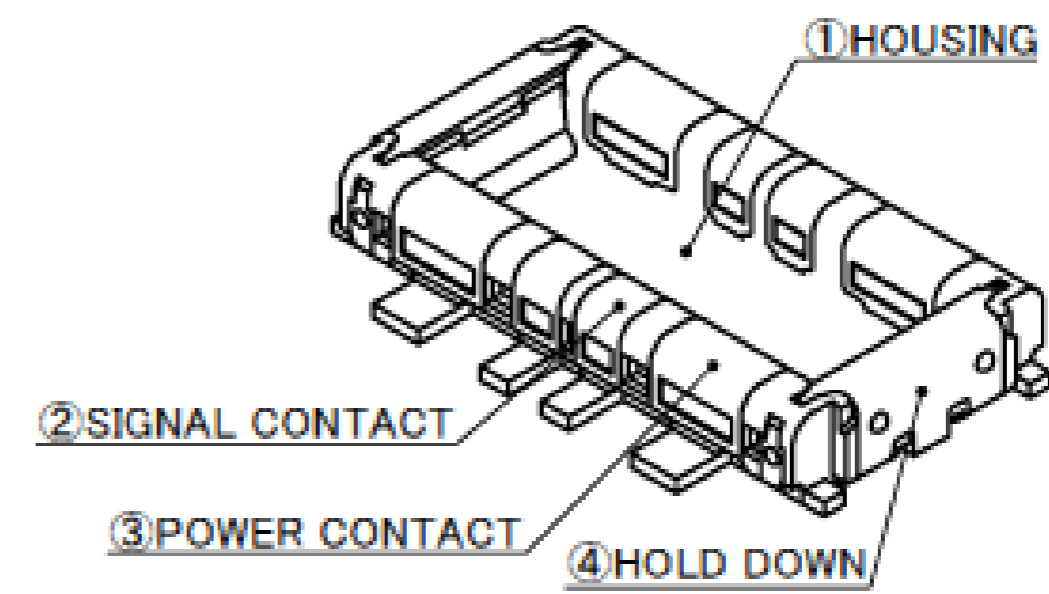
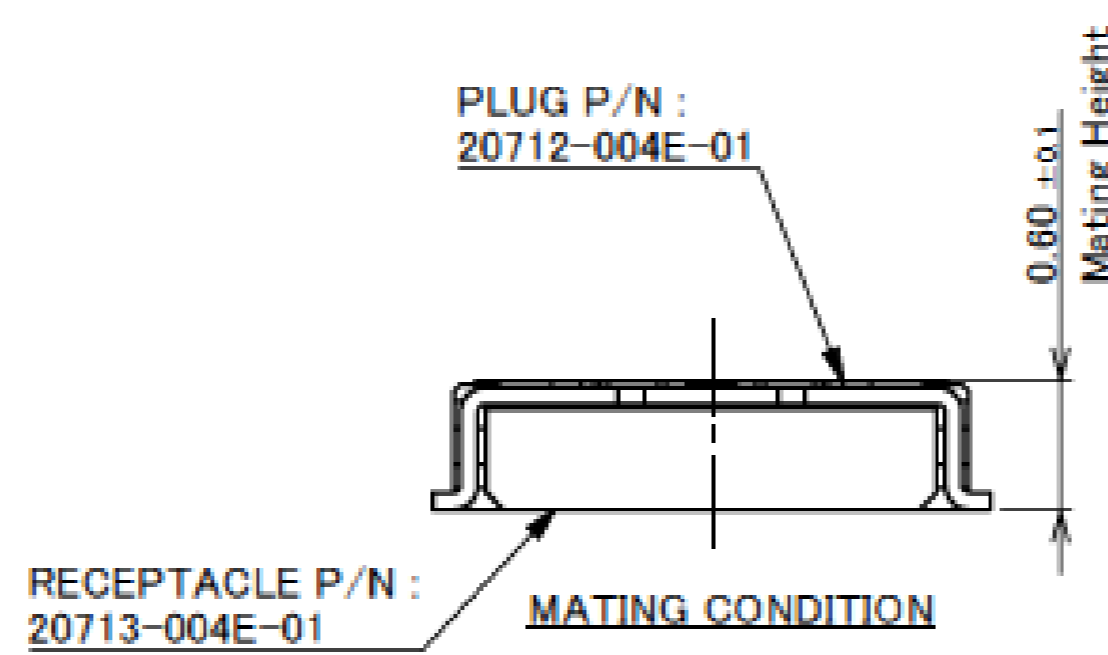
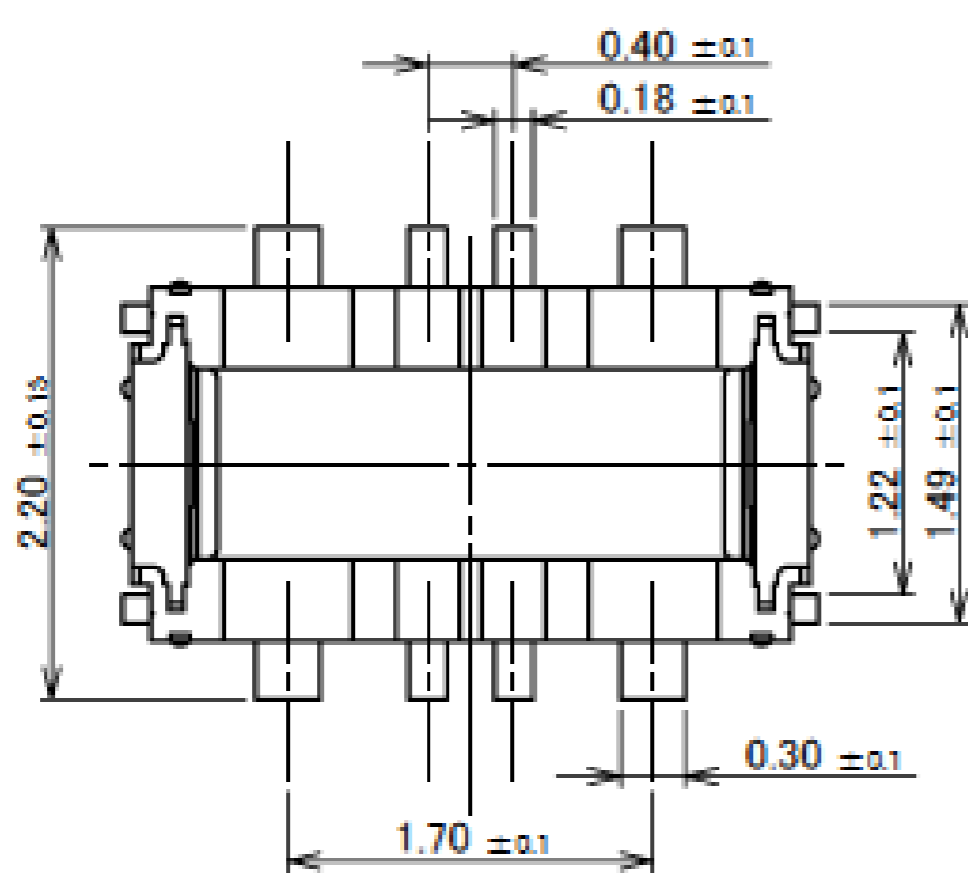
Rev.#

Plug Assembly

Recommended P/N		20712-004E-01
PART No.	Q'ty/REEL	
20712-004E-01	20K	
20712-004E-02	5K	



Halogen Free RoHS Compliant

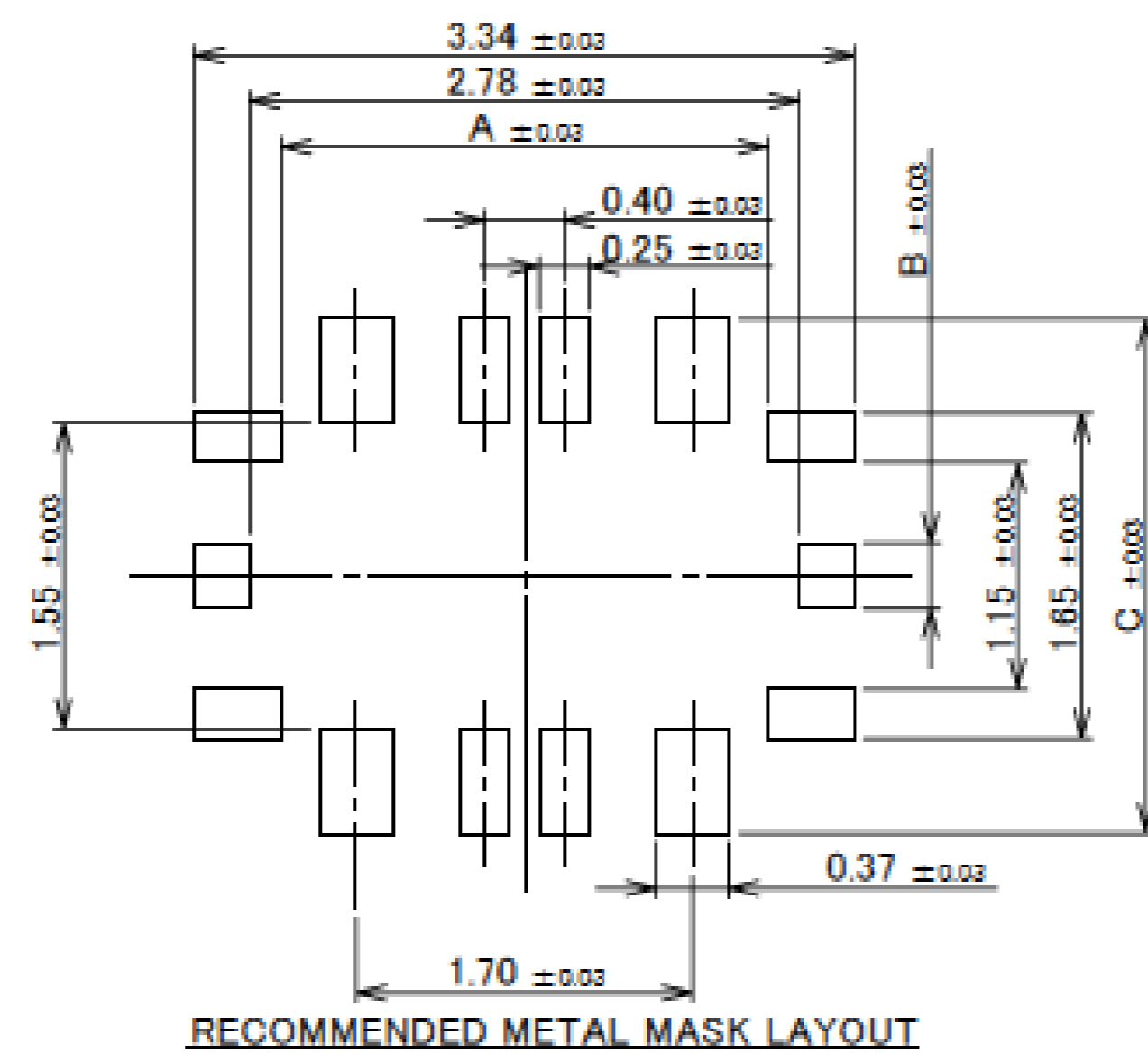
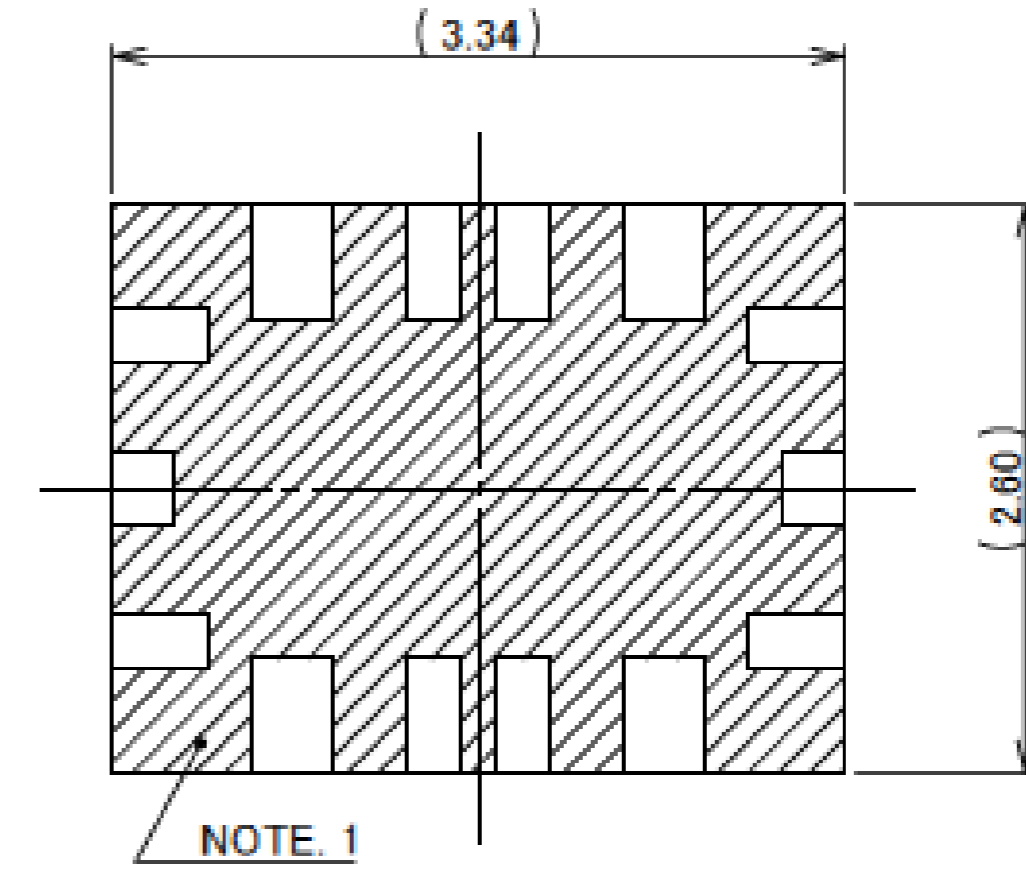
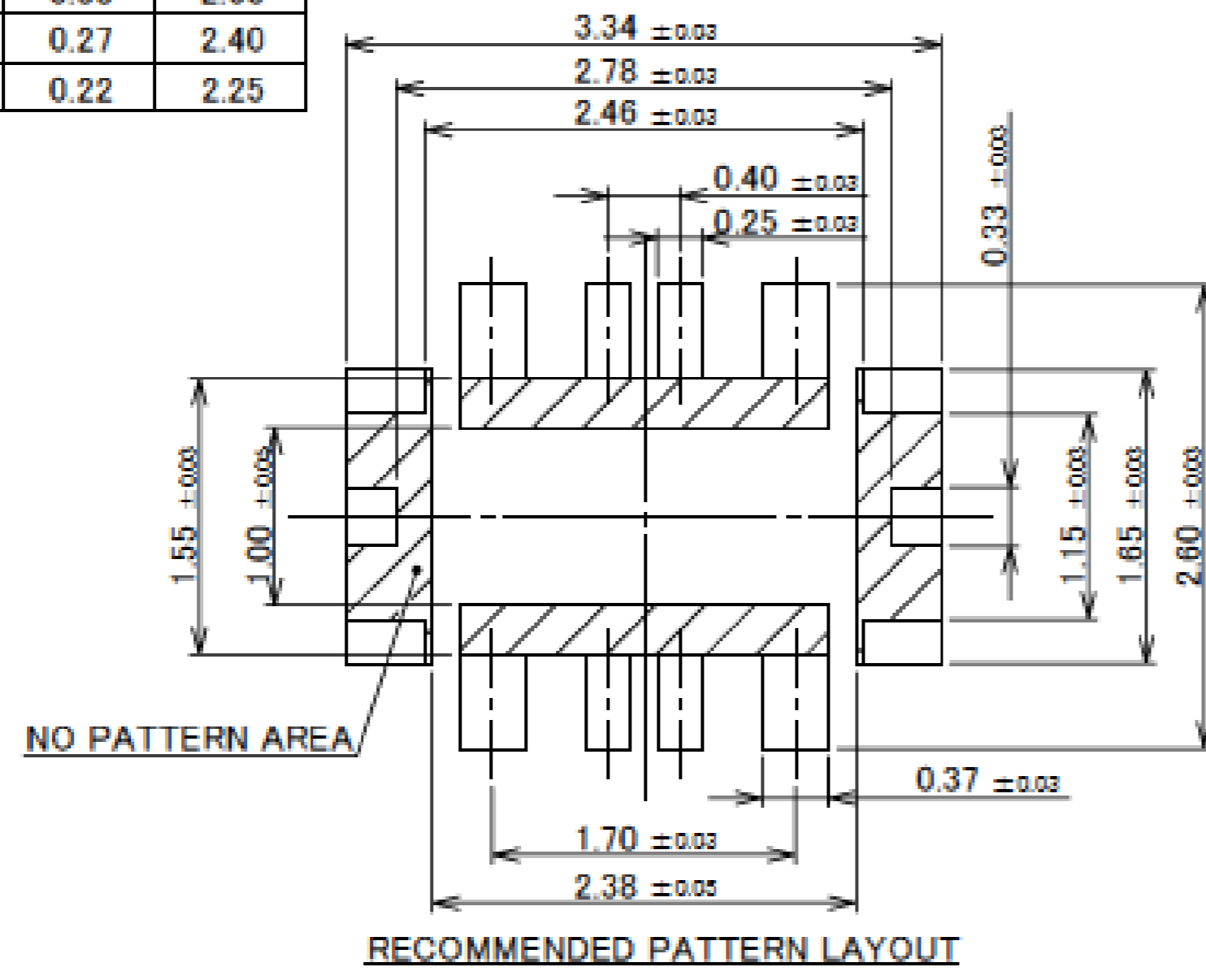


4	HOLD DOWN	PHOSPHOR BRONZE	ALL OVER Ni 1.27 μ m MIN. SOLDERING PART Au 0.02 μ m MIN.
3	POWER CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN.
2	SIGNAL CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Rev.5

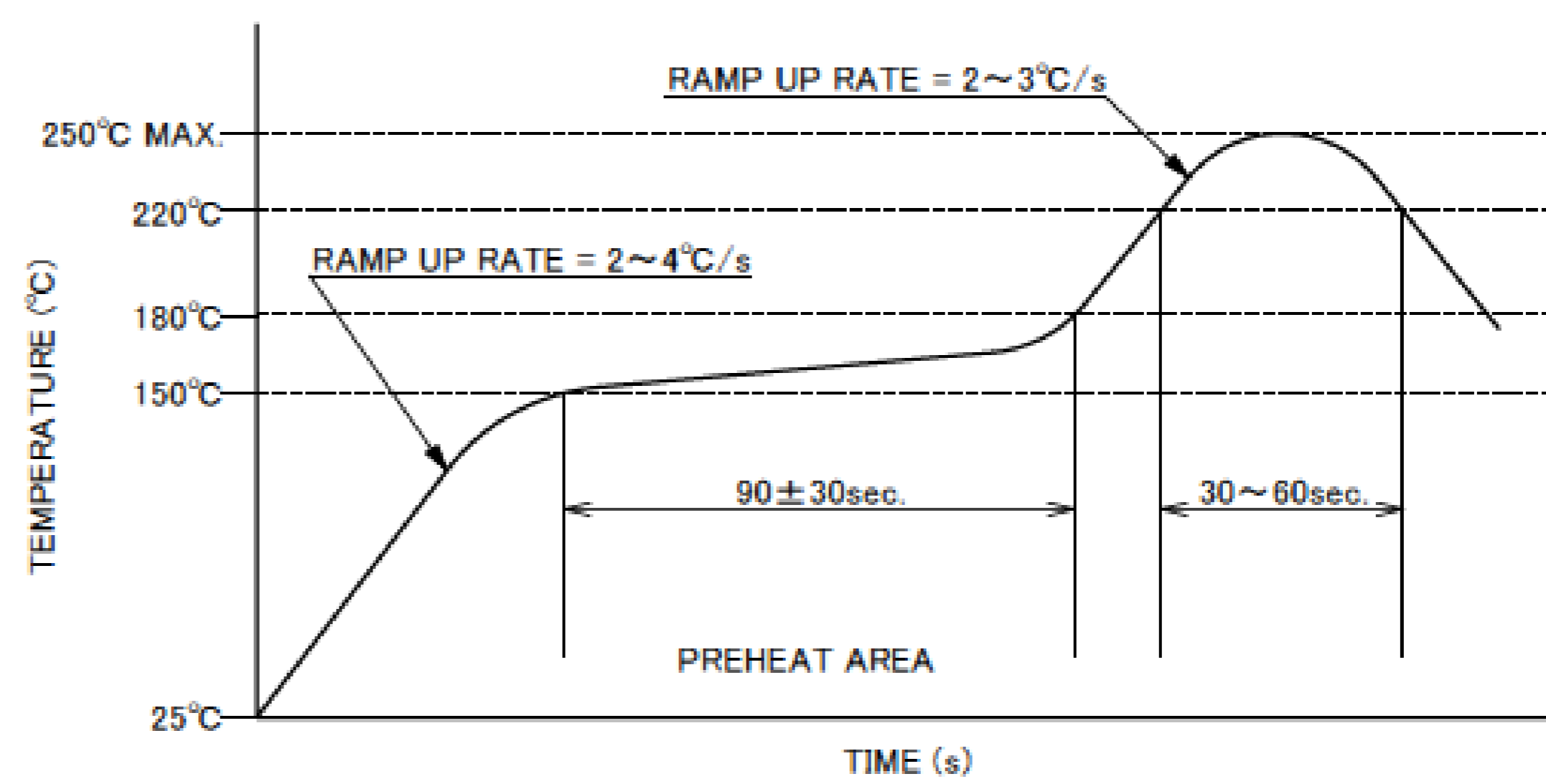
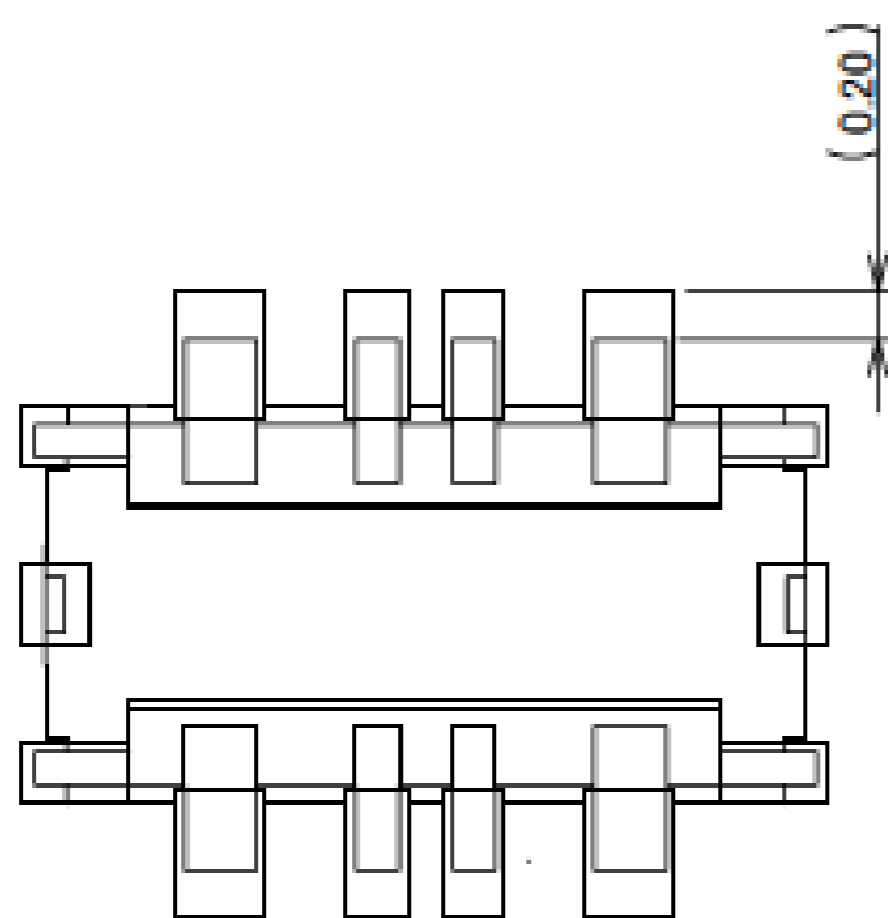
Plug Assembly

MASK THICKNESS	A	B	C
t=0.08	2.46	0.33	2.60
t=0.1	2.63	0.27	2.40
t=0.12	2.75	0.22	2.25



NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.5



Plug Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20713-004E-0*
RATING VOLTAGE	50V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	1.0A AC/DC (PER CONTACT PIN)/ 4.0A AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	6.0A AC/DC (PER CONTACT PIN)/ 24.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 40mohm MAX. / AFTER TEST : Δ 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 20mohm MAX. / AFTER TEST : Δ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	40N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 10N MIN. AFTER TEST: 7N MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2284
TEST REPORT	TR-16098
PACKING STANDARD	PST-15122 (20K/REEL) PST-16056 (5K/REEL)
INSTRUCTION MANUAL	HIM-16033
APPEARANCE CRITERIA No.	QLS-A***

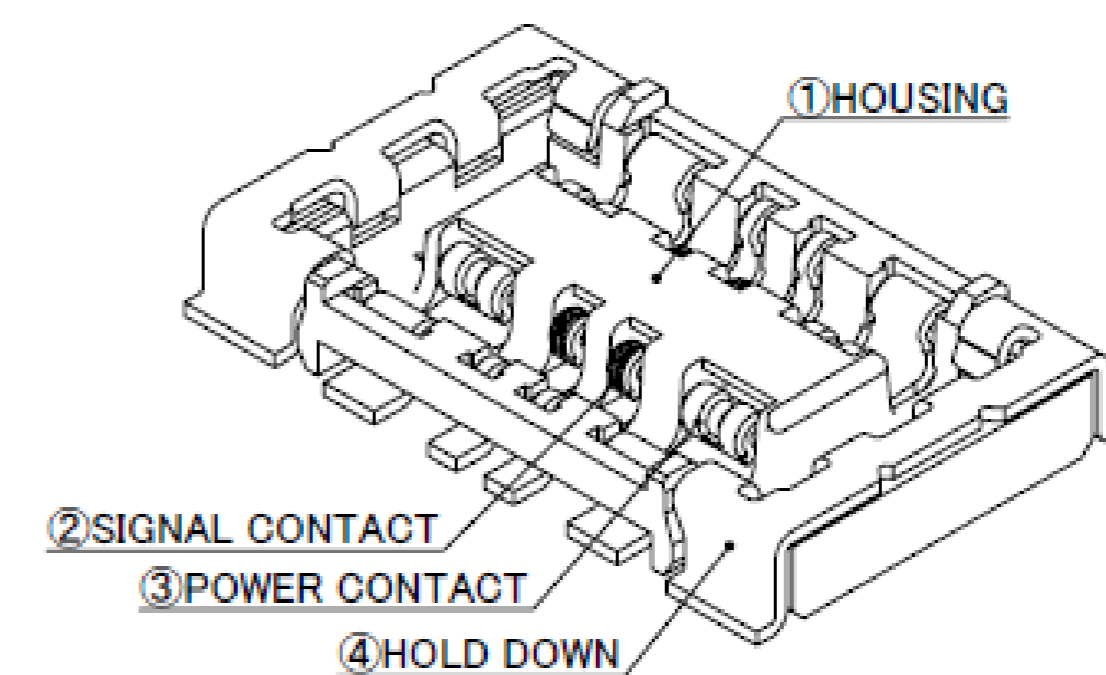
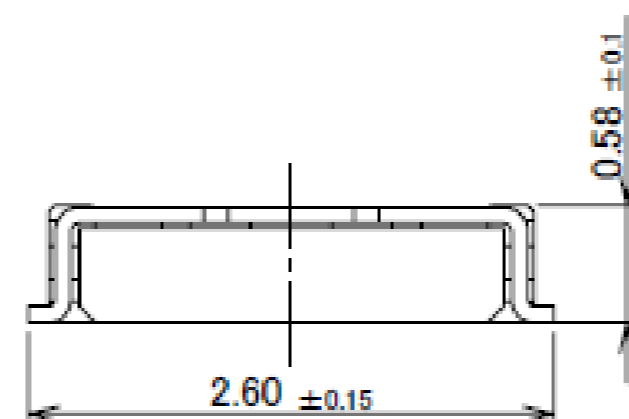
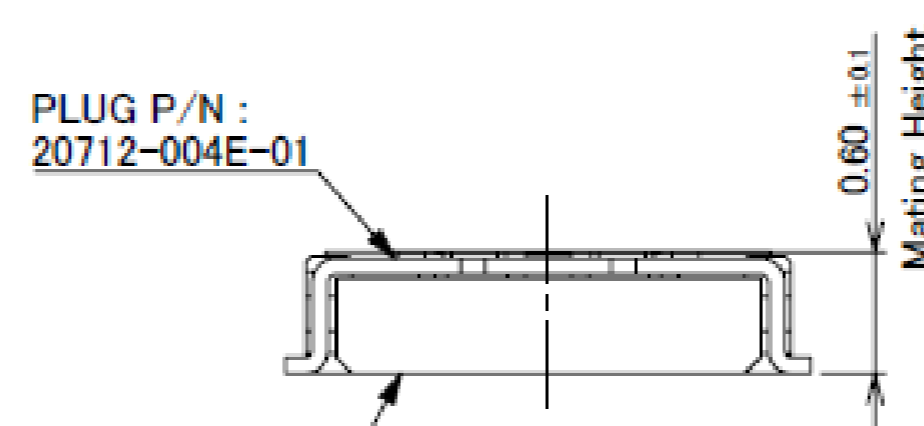
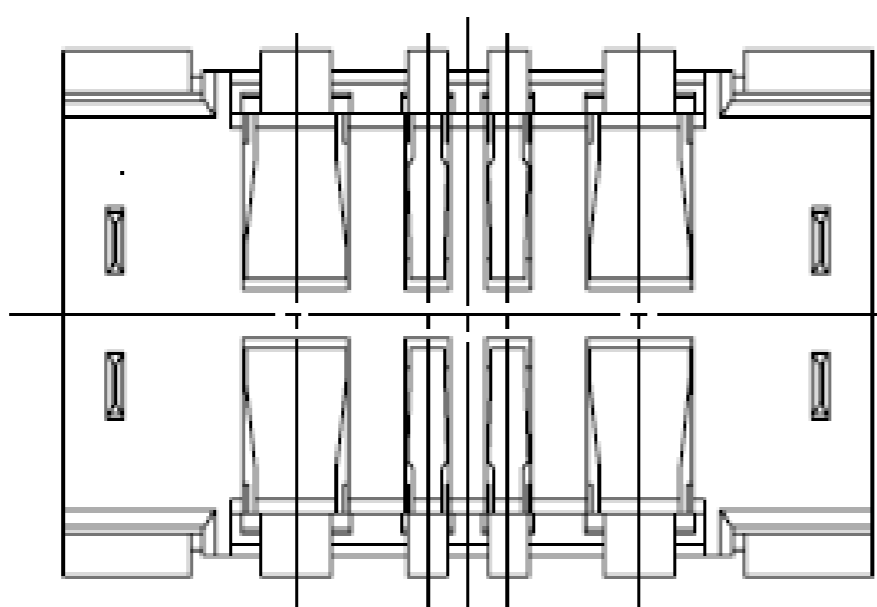
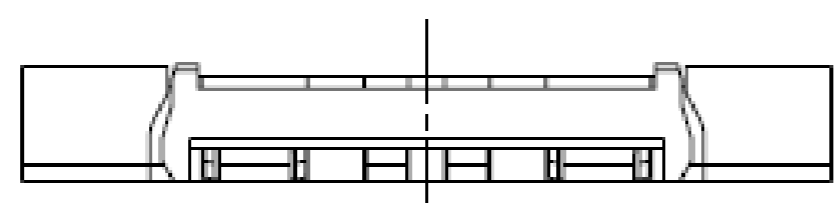
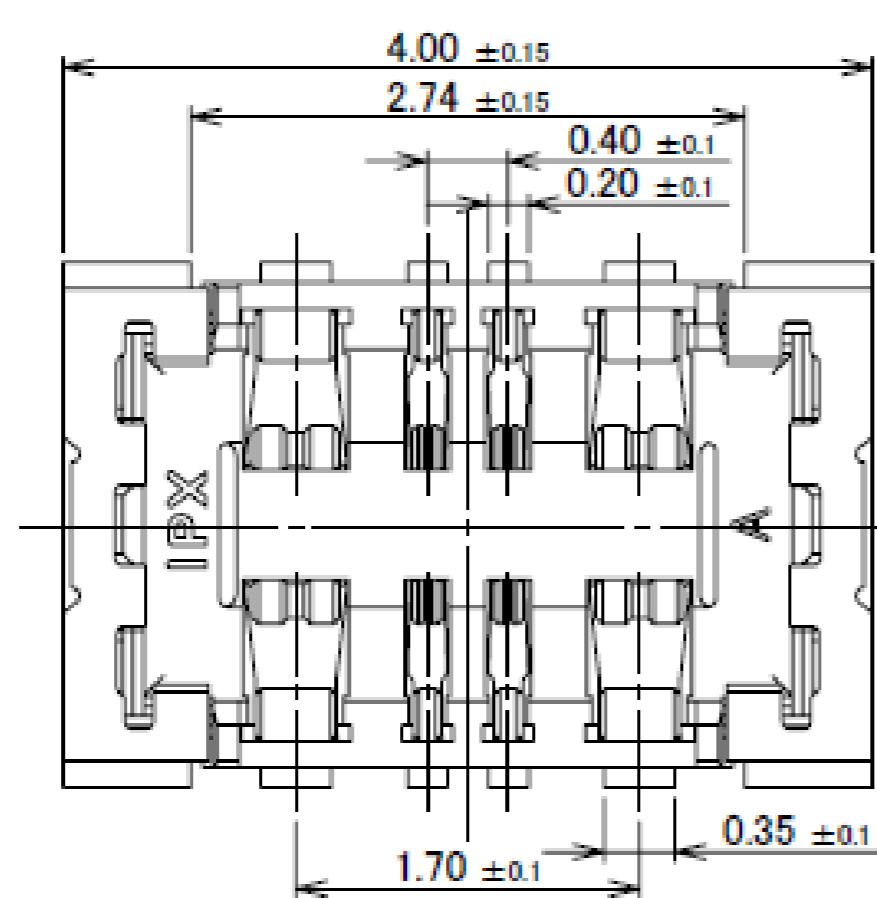
Rev.5

Receptacle Assembly

Recommended P/N		20713-004E-01
PART No.	Qty/REEL	
20713-004E-01	20K	
20713-004E-02	5K	



Halogen Free RoHS Compliant

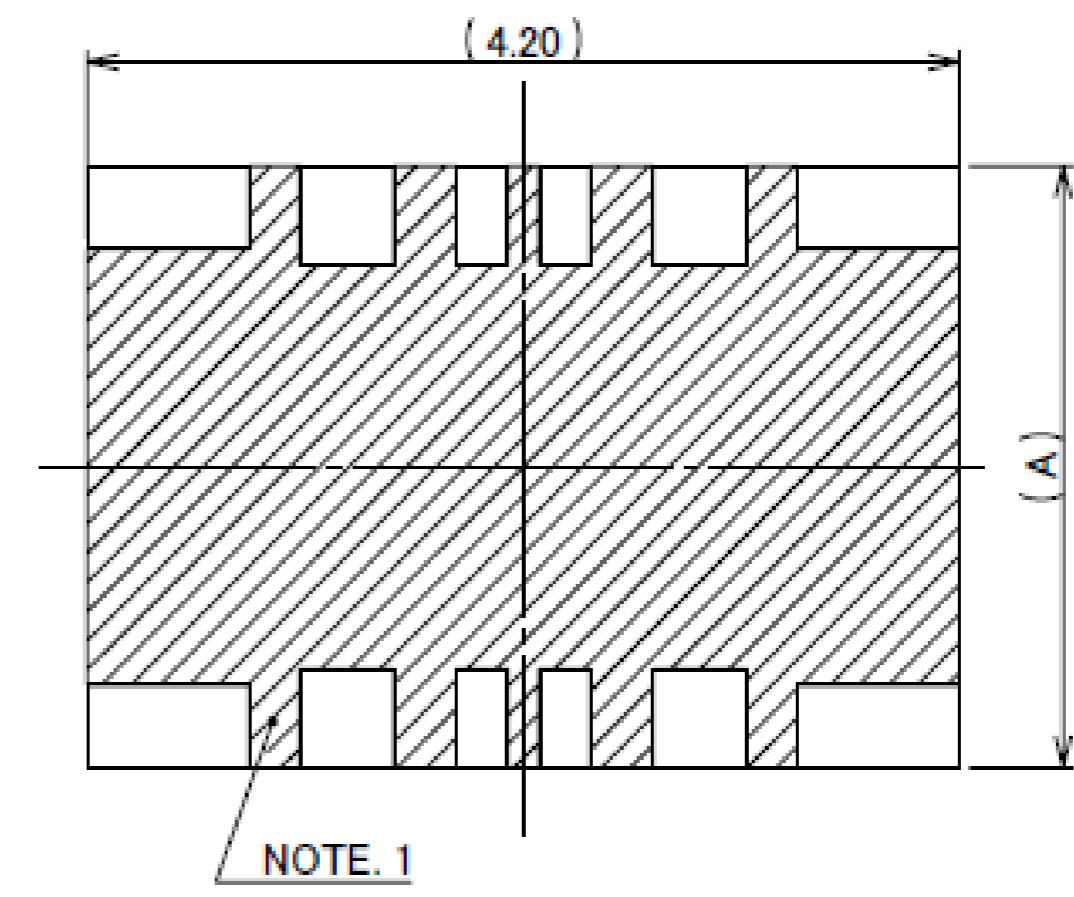
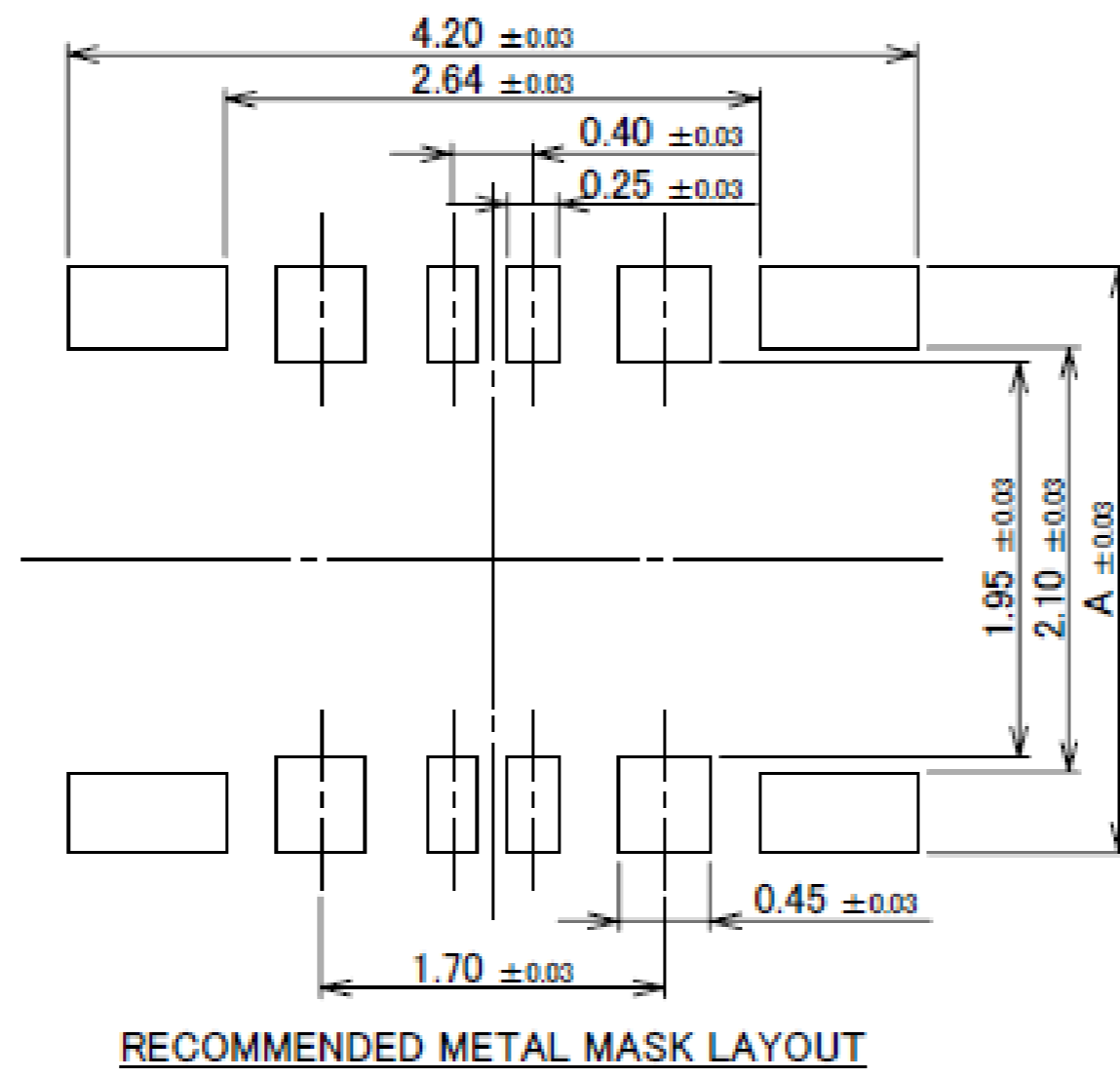
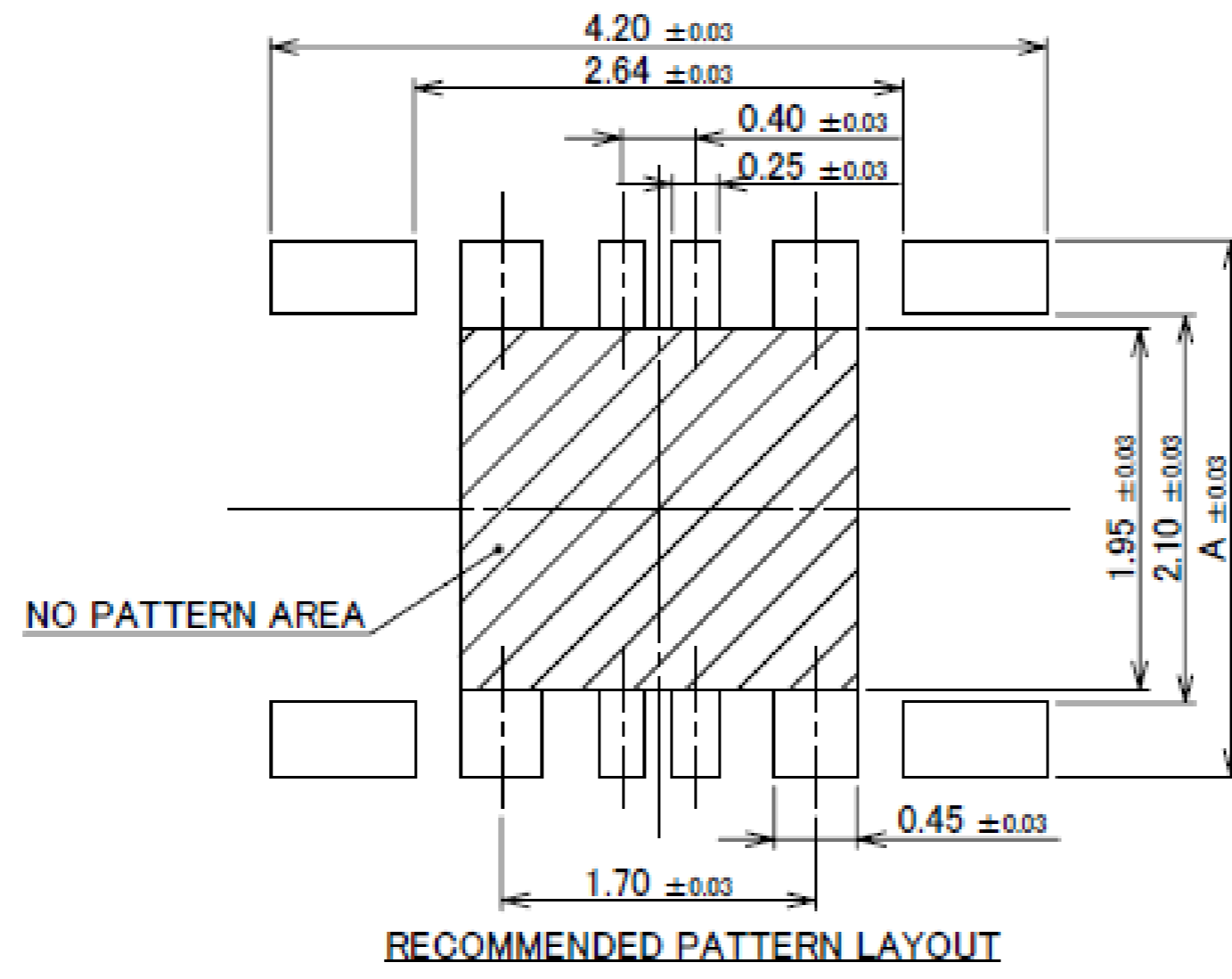


4	HOLD DOWN	PHOSPHOR BRONZE	ALL OVER Ni 1.27 μ m MIN. SOLDERING PART Au 0.01 μ m MIN.
3	POWER CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN.
2	SIGNAL CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN./ SOLDERING PART Au 0.02 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Rev.3

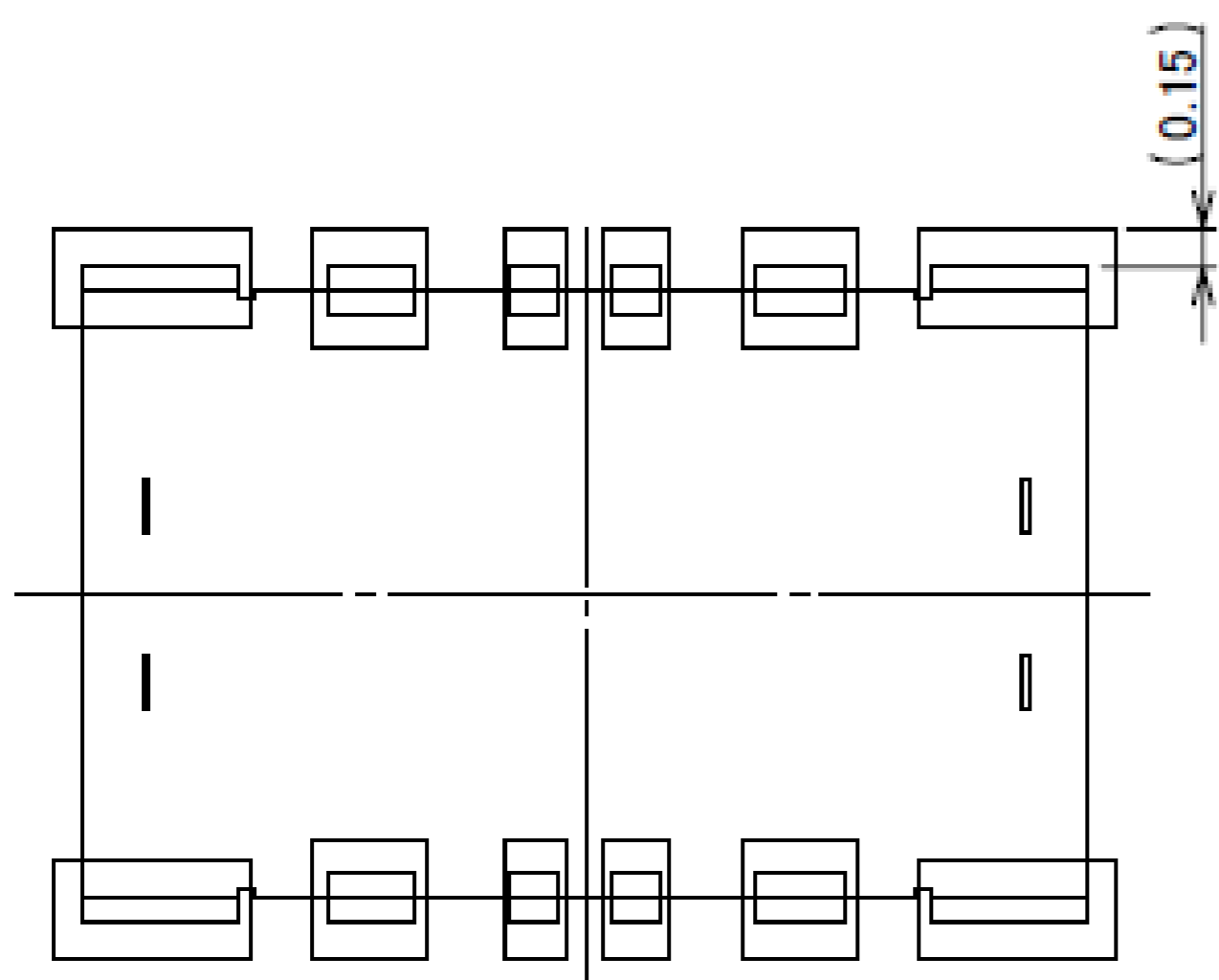
Receptacle Assembly

MASK THICKNESS	A
t=0.08	2.90
t=0.1	2.74
t=0.12	2.64

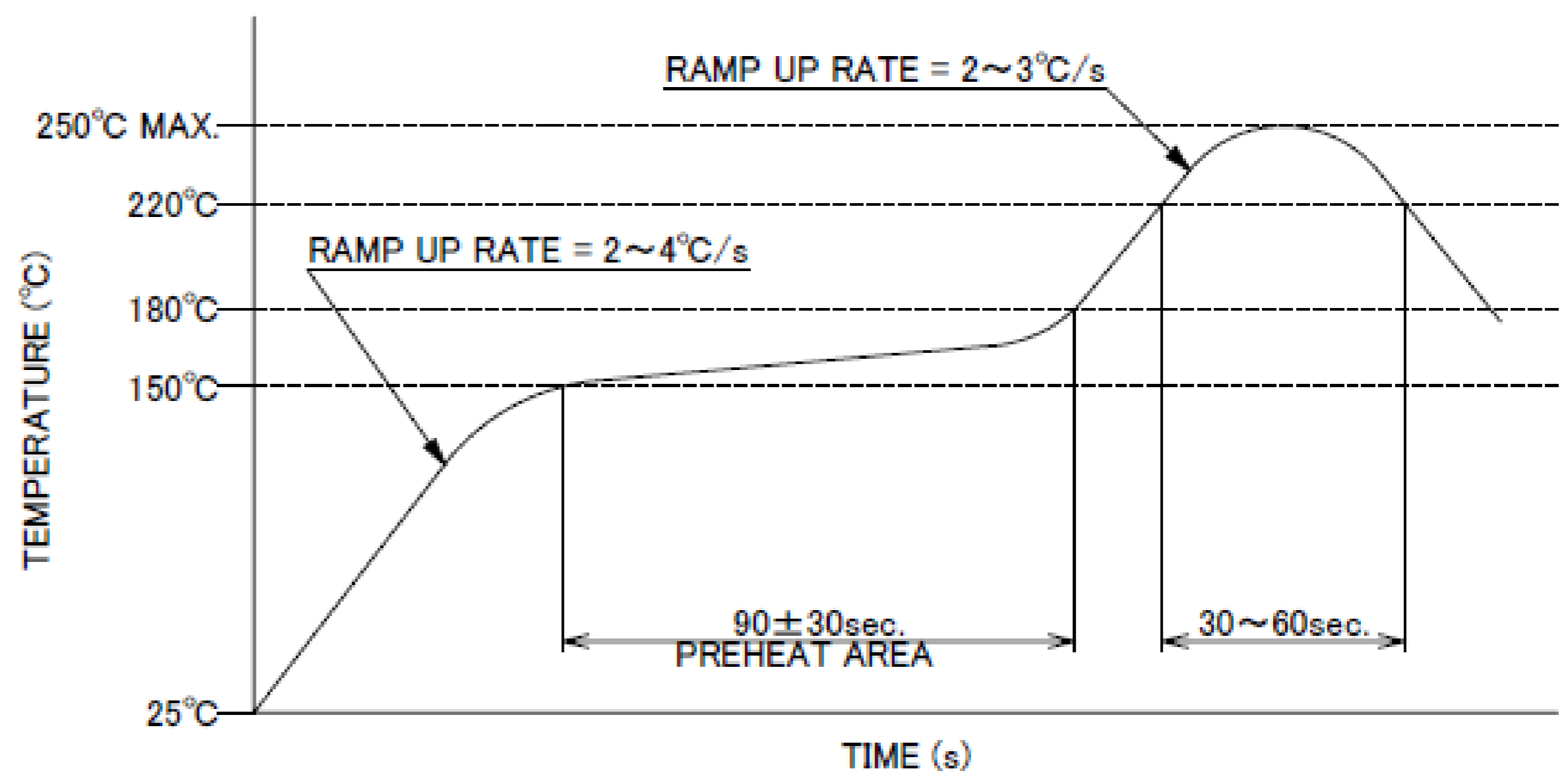


NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.3



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

Rev.3

Receptacle Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20712-004E-0*
RATING VOLTAGE	50V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	1.0A AC/DC (PER CONTACT PIN)/ 4.0A AC/DC(TOTAL)
RATING AMPERAGE (FOR POWER CONTACT)	6.0A AC/DC (PER CONTACT PIN)/ 24.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 40mohm MAX. / AFTER TEST : \triangle 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 20mohm MAX. / AFTER TEST : \triangle 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	40N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	INITIAL: 10N MIN. AFTER TEST: 7N MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2284
TEST REPORT	TR-16098
PACKING STANDARD	PST-15123 (20K/REEL) PST-16057 (5K/REEL)
INSTRUCTION MANUAL	HIM-16033
APPEARANCE CRITERIA No.	QLS-A***

Rev.3

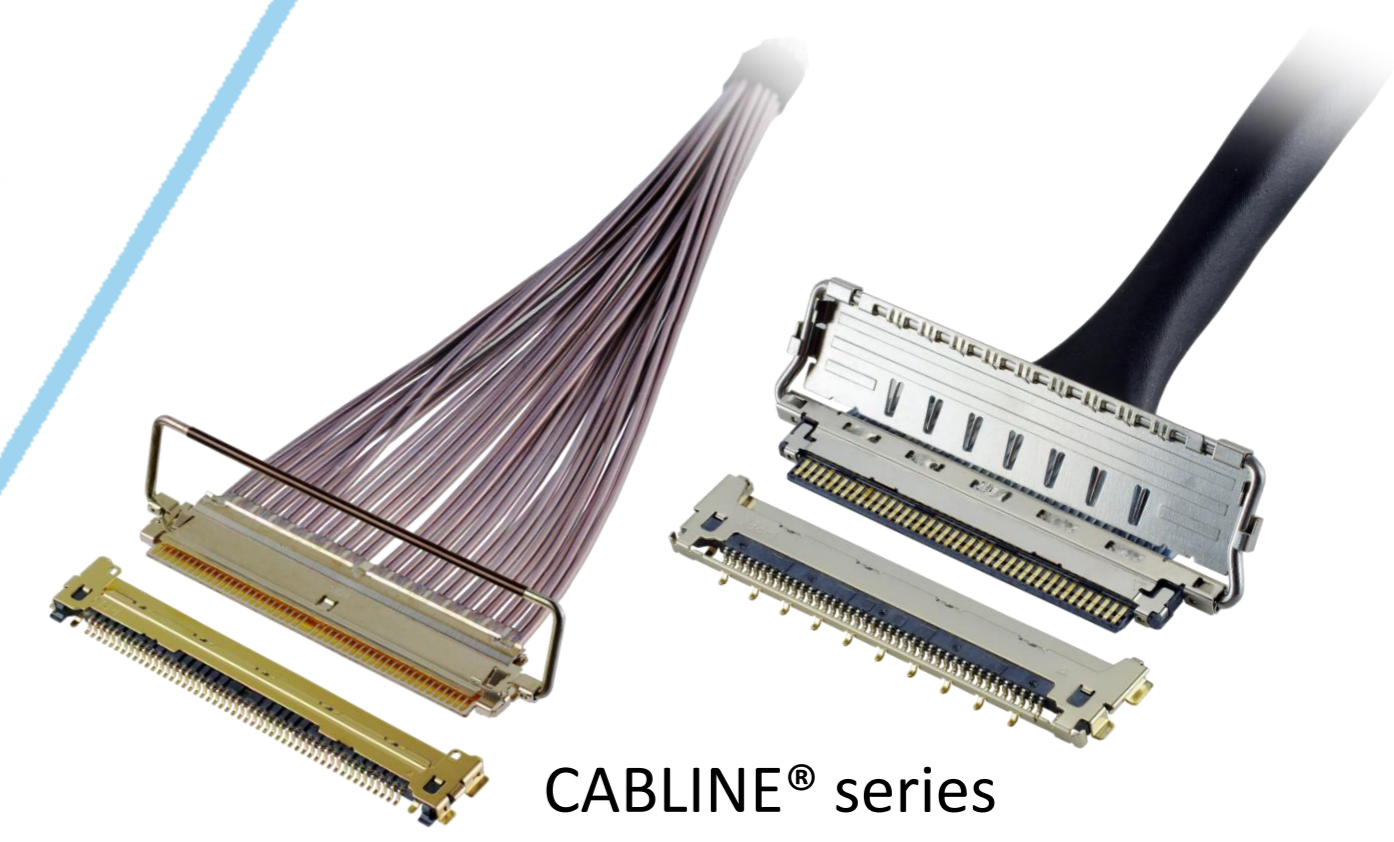
Custom Connectors Available

 RF Connector

MHF® series

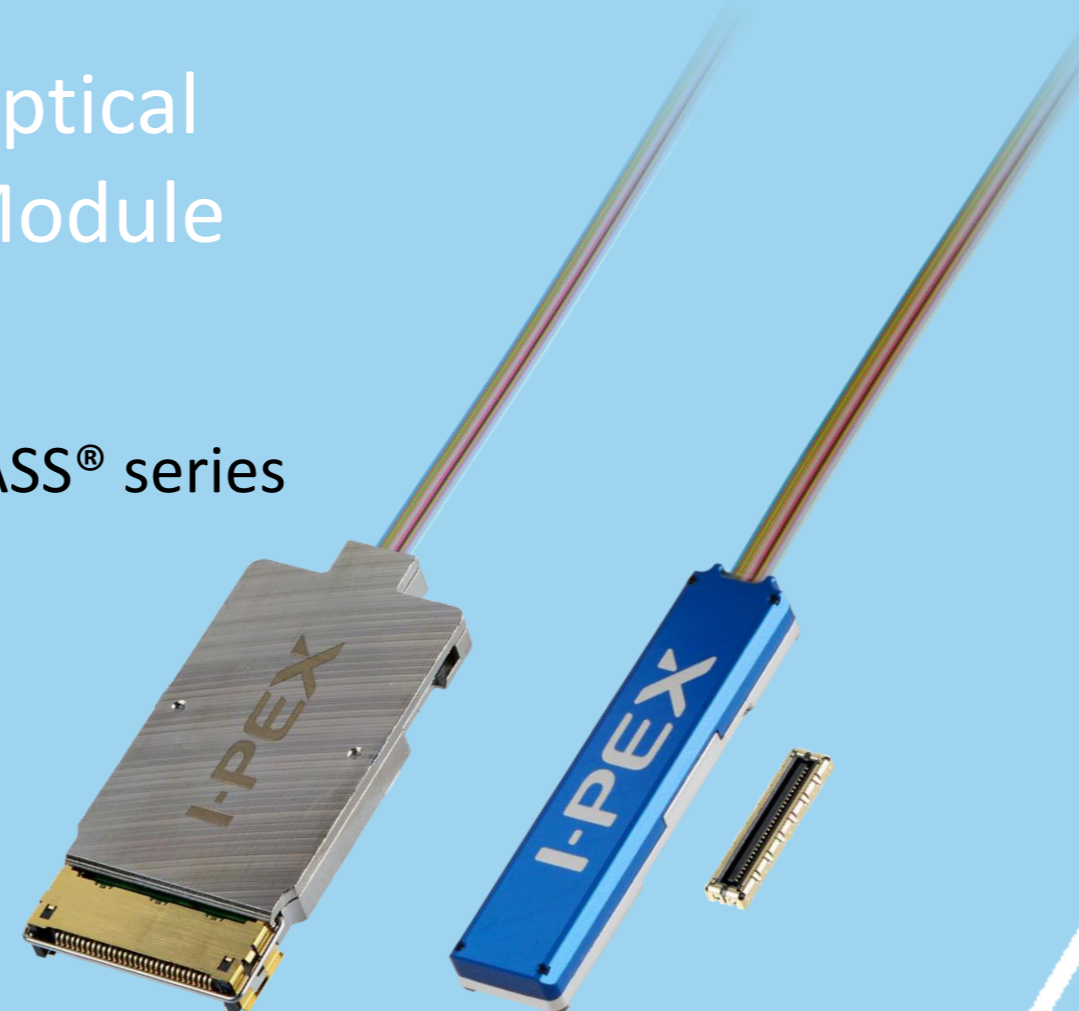


CABLINÉ® series
Micro-coaxial/Twinax/
Discrete Wire Connector



Optical Module

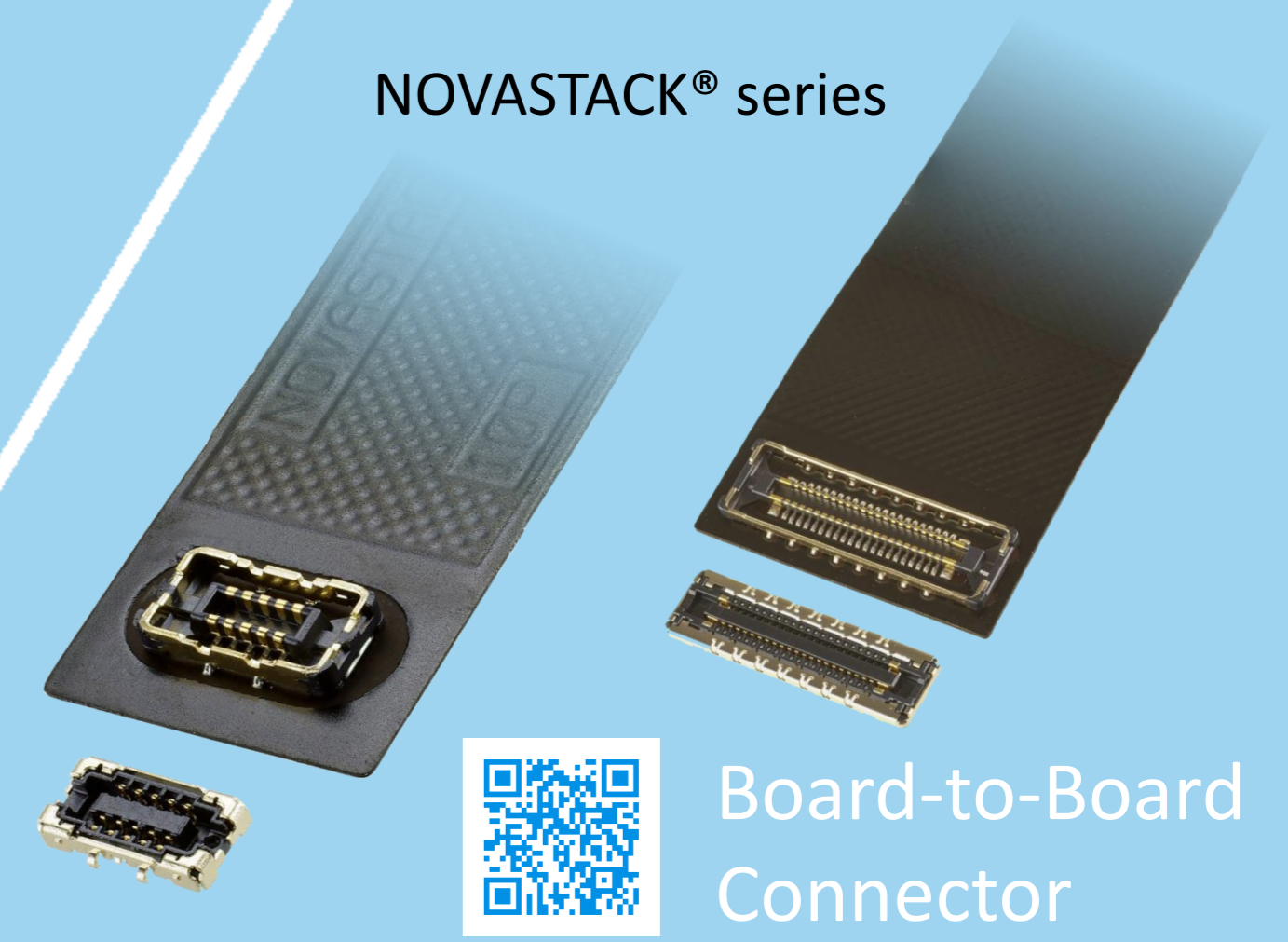
LIGHTPASS® series



NOVASTACK® series



Board-to-Board Connector



Power Connector/
Terminal

AP series

ISH® series



MINIFLEX® series

EVAFLEX® series



FPC FFC Connector



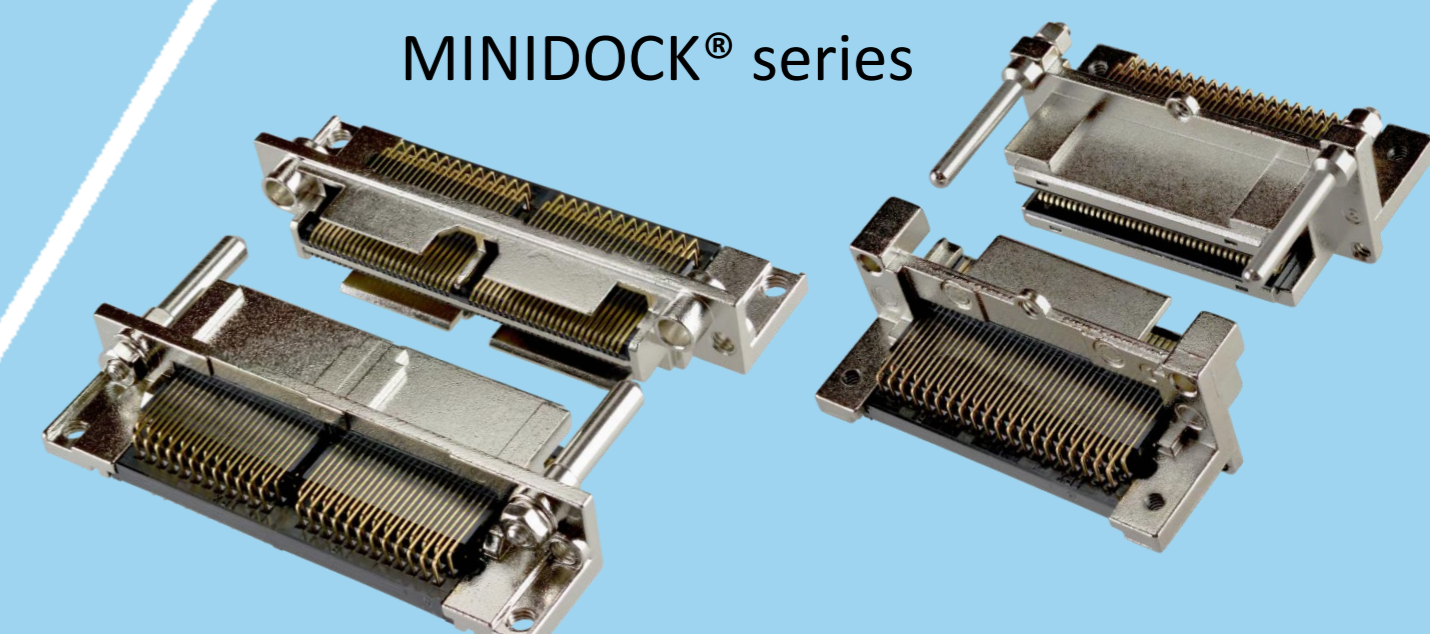
Inquiry



MINIDOCK® series



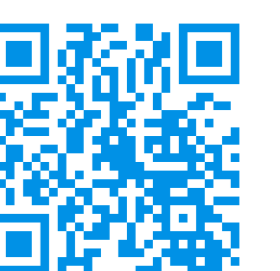
I/O Connector



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