

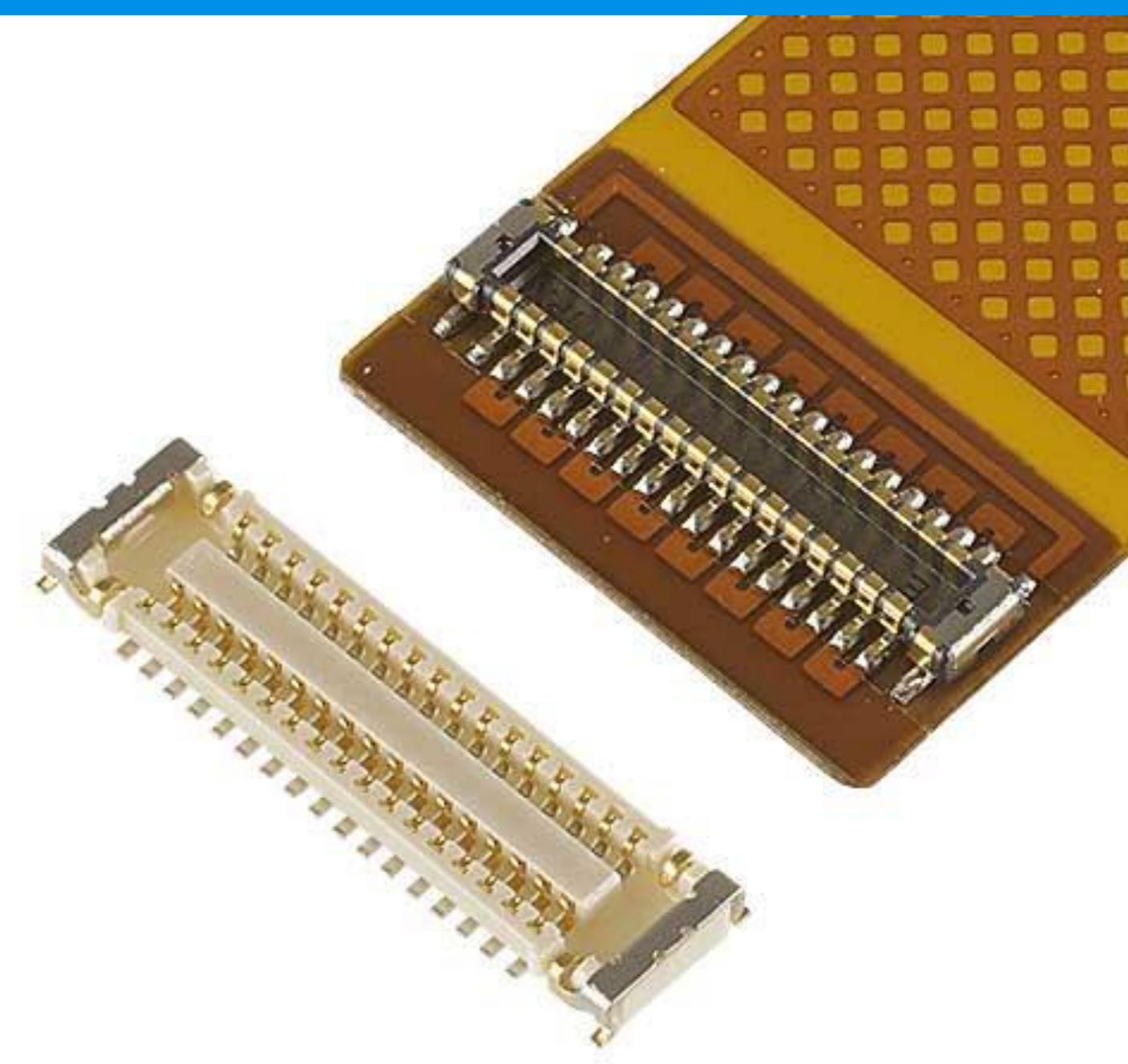
NOVASTACK® 35-P

콜슨 합금을 적용한 메인 핀과 전원 단자 겸용 보강판으로 파워 라인의 전송이 가능, 0.35 mm Pitch, 높이 0.7 mm, 폭 2.3 mm

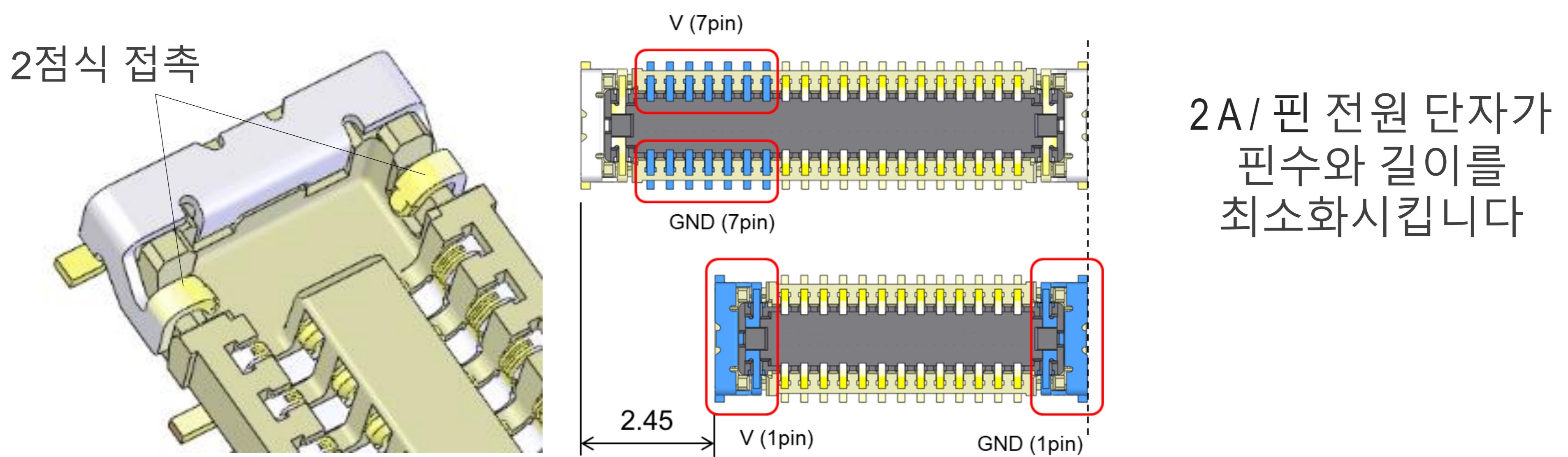
Product Specifications:

Board Pitch (mm)	0.35	
Wiping Length (mm)	0.19 (10~50 P), 0.13 (52~80 P)	
Mated Size (mm)	Height	0.7+/-0.1
	Width	Formula: $2.17 + (0.35 * ?p/2)$
	Depth	2.3
Current Rating	Signal	0.3 A/pin
	Power	2.0 A/pin x 2
Pin Counts	Range	10 - 80 (signal) + 2 (power)
	Available	10, 14, 16, 18, 20, 24, 30, 34, 40, 50, 60

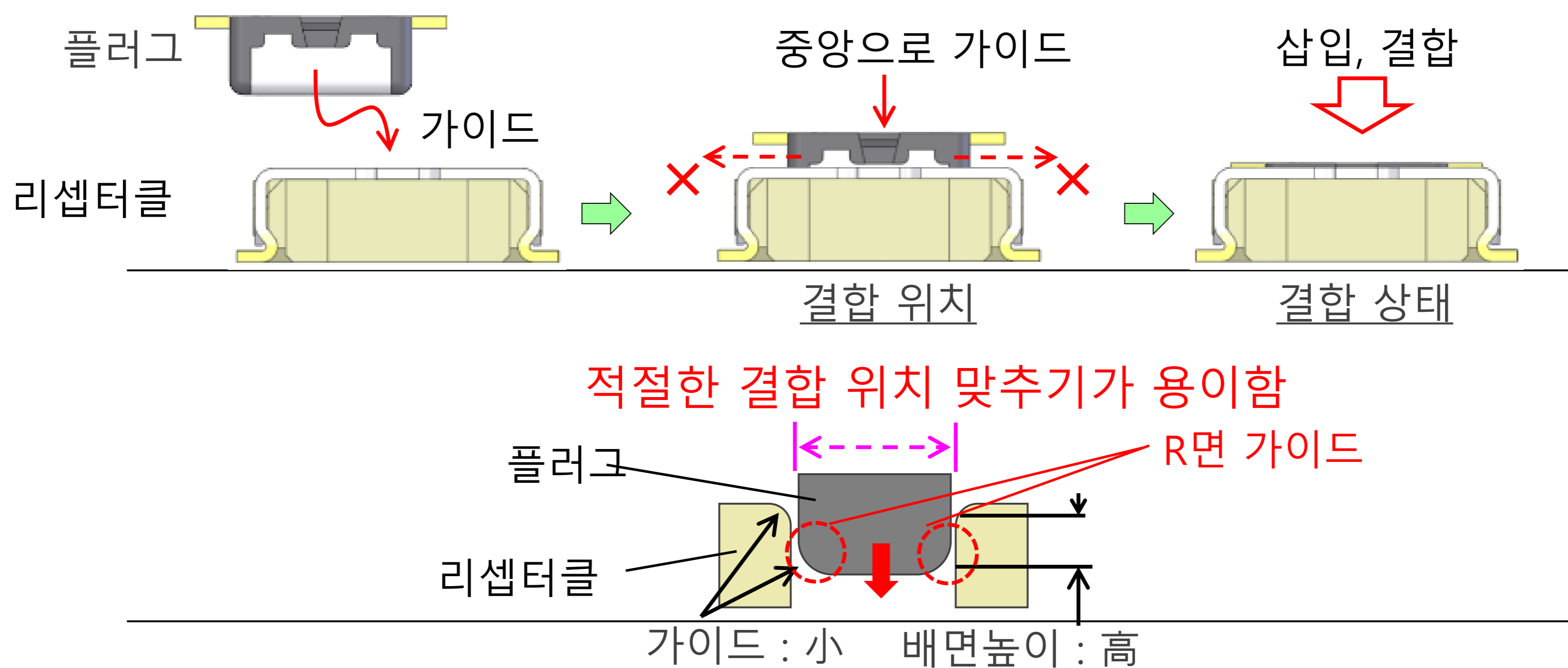
*기재가 되어있지 않은 핀 수의 대응 여부에 대해서는 문의해 부탁드립니다.



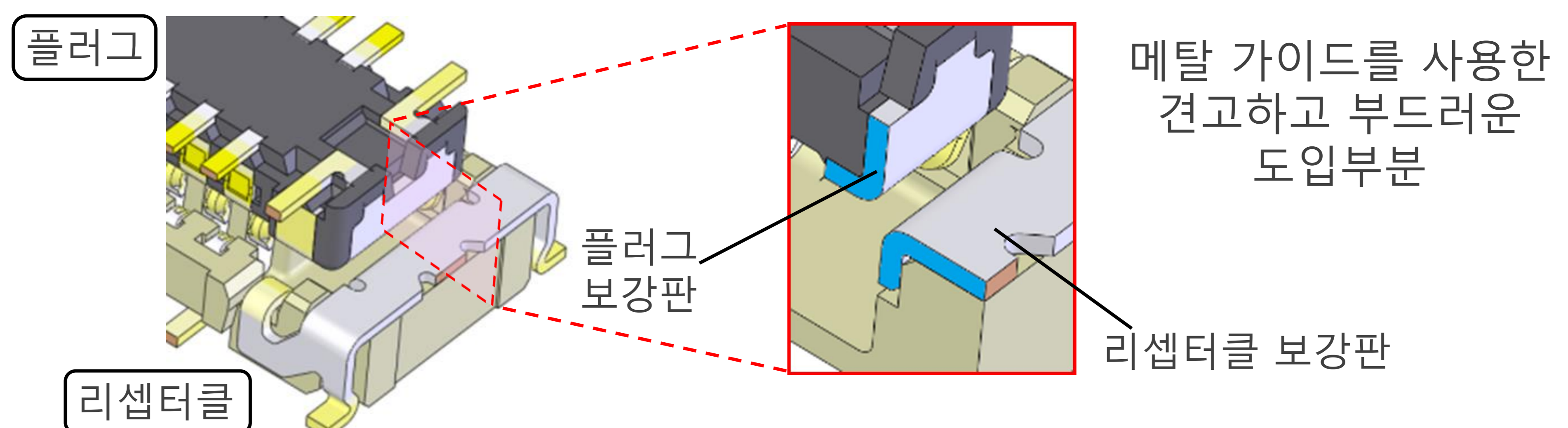
▶ 파워용 핀으로서 사용 가능한 보강판 (2 A x 2 pin)



▶ 메탈 가이드를 통한 원활한 위치 조정



▶ 강금속 보강판에 의한 높은 견고성건 구조 적용



Component Parts Details

Plug Assembly

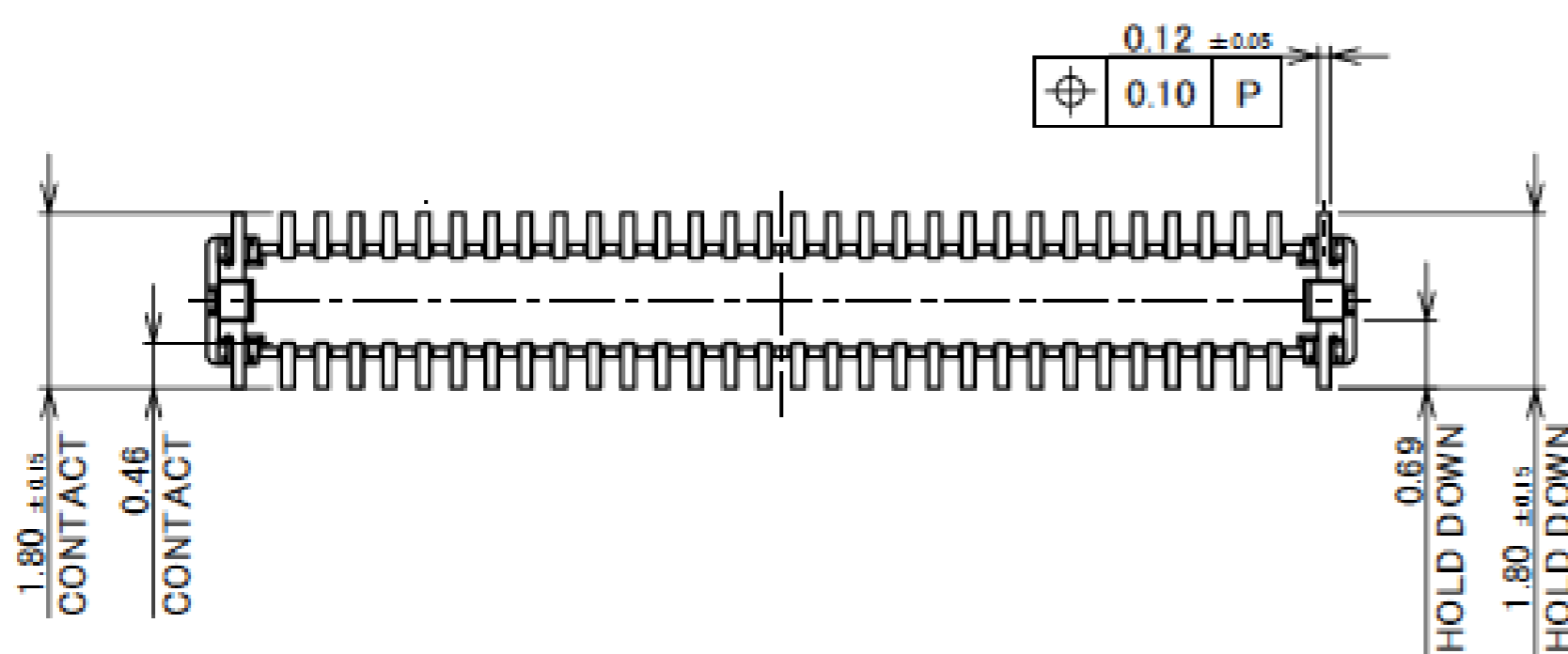
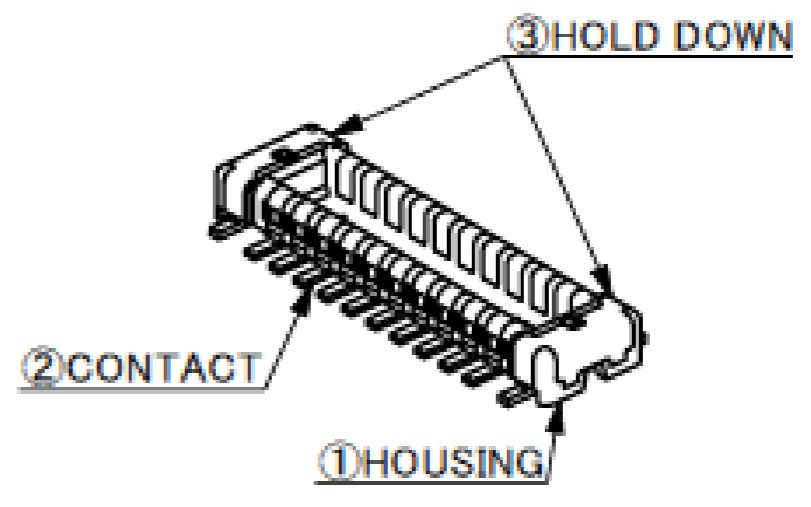
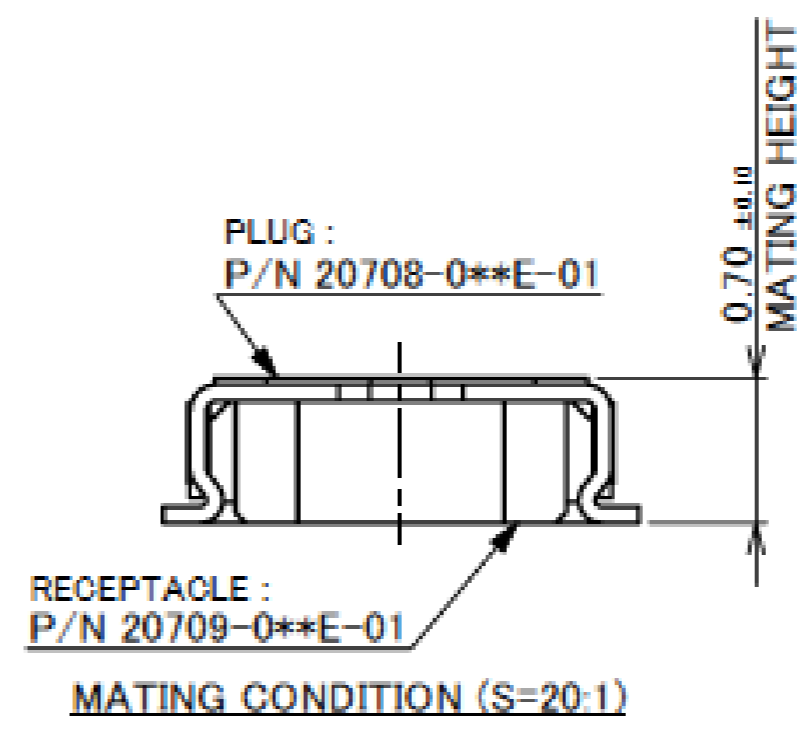
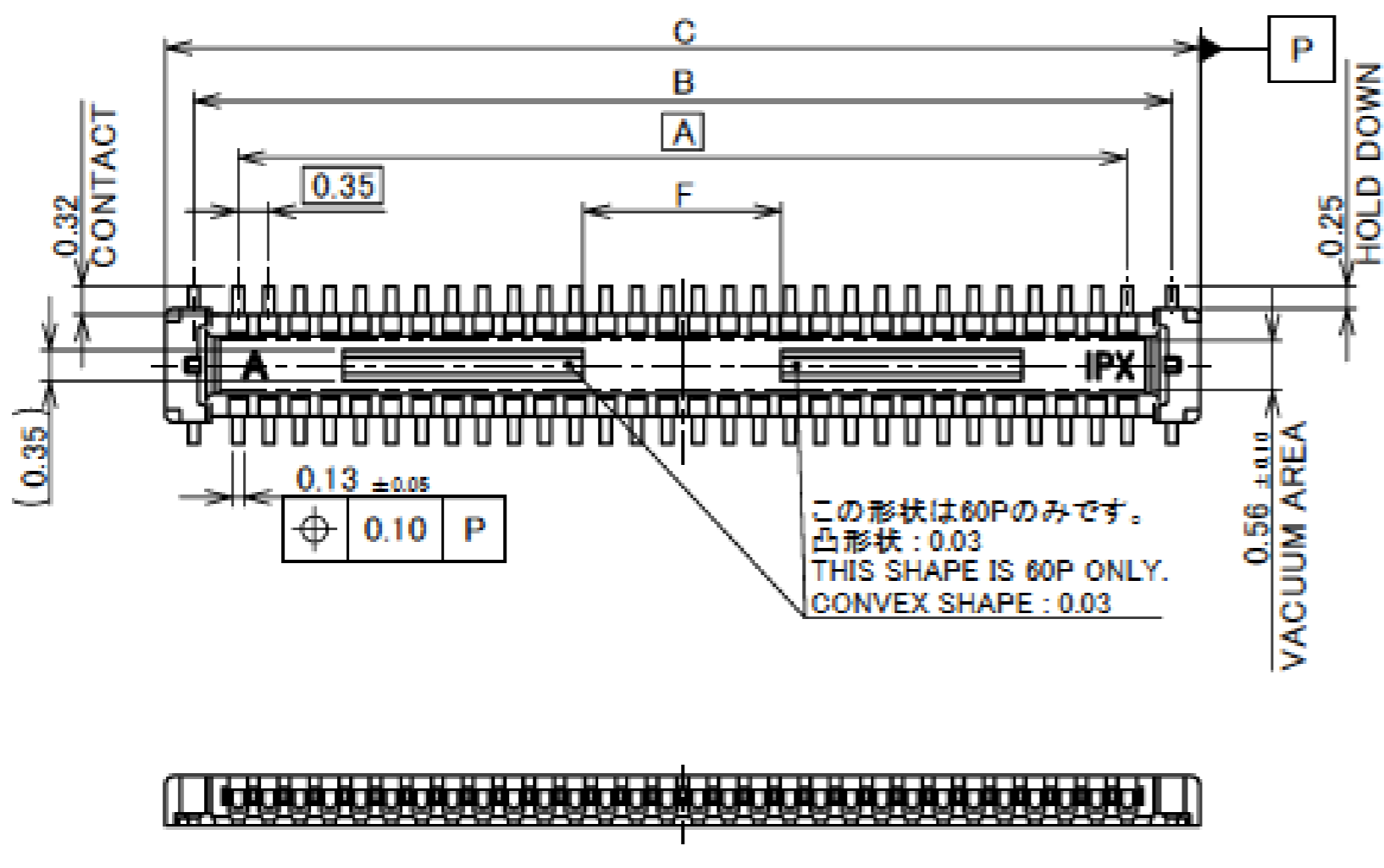
Recommended P/N		20708-0**E-01					
PART No.	Pos.	A	B	C	D	E	F
20708-010E-01	10	1.40	2.42	3.06	3.92	4.10	-
20708-014E-01	14	2.10	3.12	3.76	4.62	4.80	-
20708-016E-01	16	2.45	3.47	4.11	4.97	5.15	-
20708-018E-01	18	2.80	3.82	4.46	5.32	5.50	-
20708-020E-01	20	3.15	4.17	4.81	5.67	5.85	-
20708-024E-01	24	3.85	4.87	5.51	6.37	6.55	-
20708-030E-01	30	4.90	5.92	6.56	7.42	7.60	-
20708-034E-01	34	5.60	6.62	7.26	8.12	8.30	-
20708-040E-01	40	6.65	7.67	8.31	9.17	9.35	-
20708-050E-01	50	8.40	9.42	10.06	10.92	11.10	-
20708-060E-01	60	10.15	11.17	11.81	12.67	12.85	2.26



Halogen Free

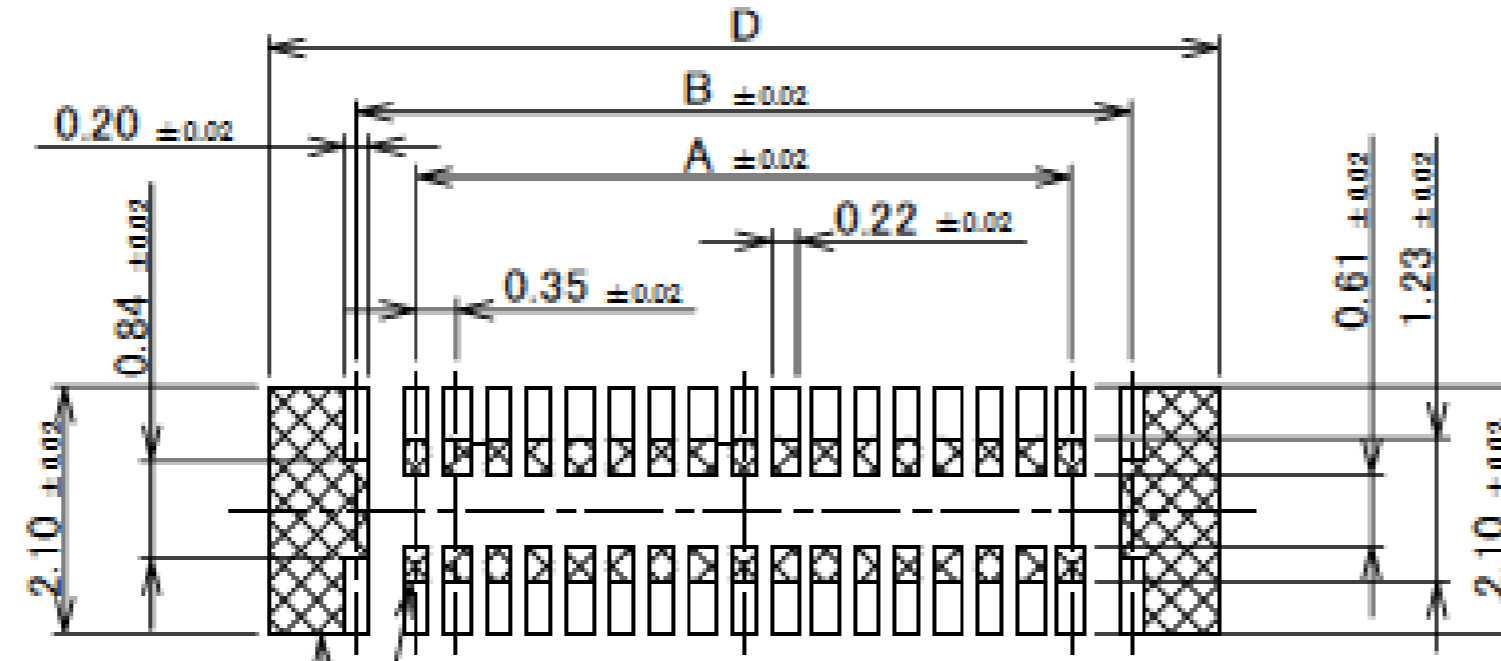


RoHS Compliant



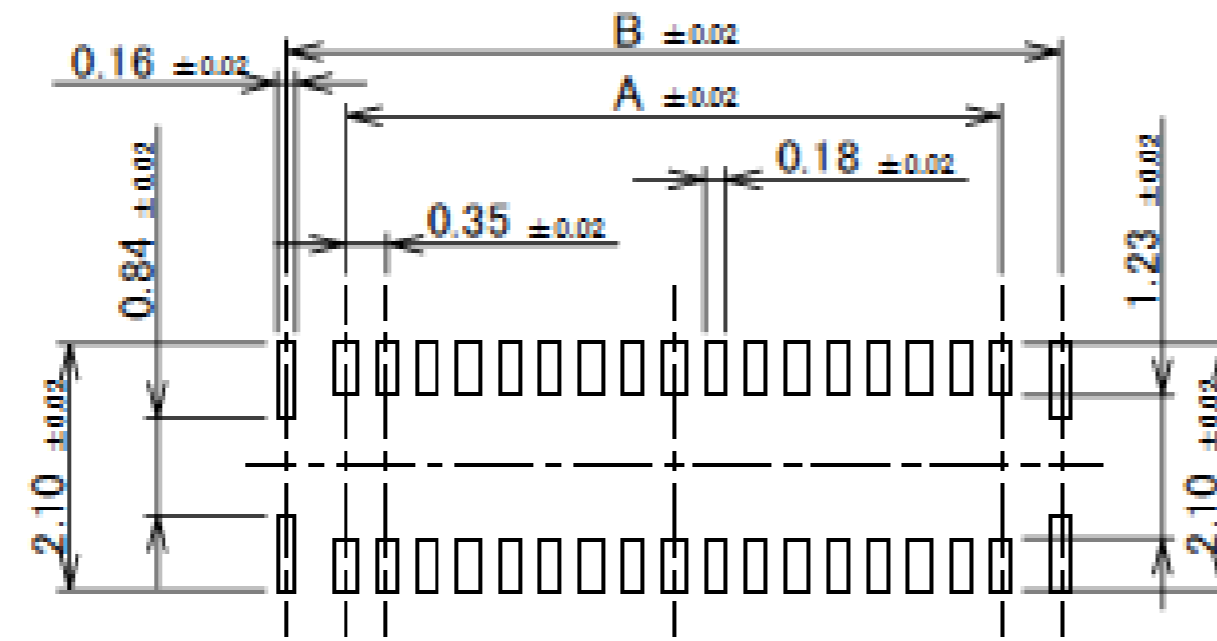
NO.	DISCRIPTION	MATERIAL	FINISH, REMARKS
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.1 μm MIN. SOLDERING PART Au 0.01 μm MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μm MIN. CONTACT PART Au 0.1 μm MIN. SOLDERING PART Au 0.01 μm MIN.
1	HOUSING	LCP	UL94V-0. BLACK

Plug Assembly



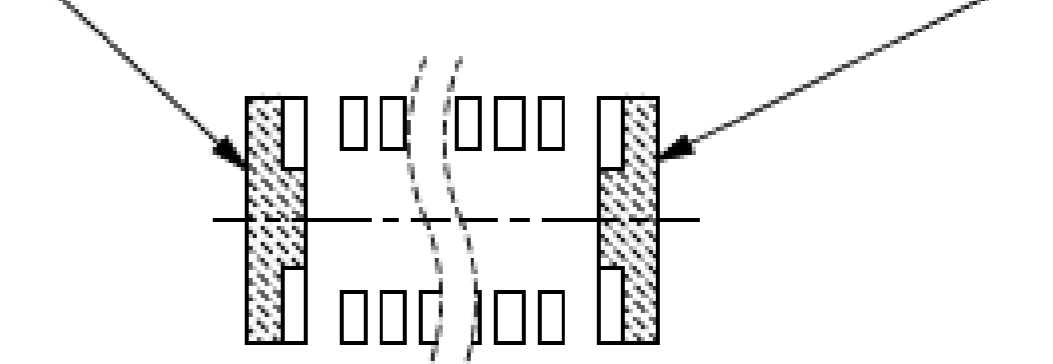
半田上がり防止の為、半田付けをしないで下さい。
 パターンを設けるときは、レジストもしくはカバーレイを設けて下さい。
 MUST BE NOT SOLDERING AREA FOR PREVENT FROM SOLDER WICKING.
 MUST BE COVER LAY OR RESIST COATING ON THE PATTERN.

RECOMMENDED PATTERN LAYOUT

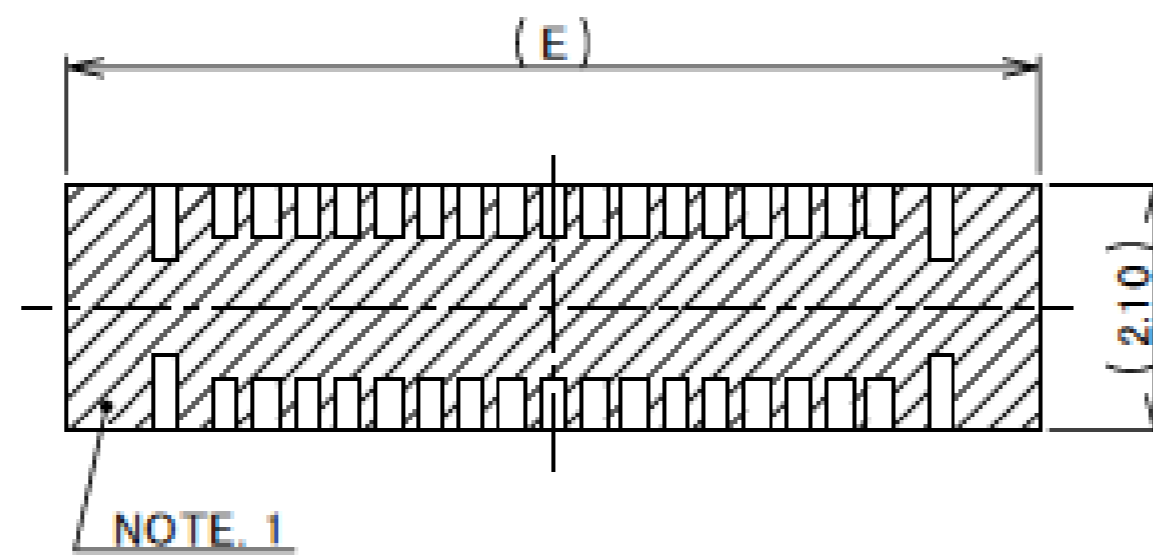


RECOMMENDED METAL MASK LAYOUT
 THICKNESS : 0.10 mm

ホールドダウンを電源用としてご使用の場合は、
 両パットを図のように繋げて下さい。
 PAD IS CONNECTED LIKE FIGURE WHEN HOLD DOWN
 IS USED FOR POWER SUPPLY.



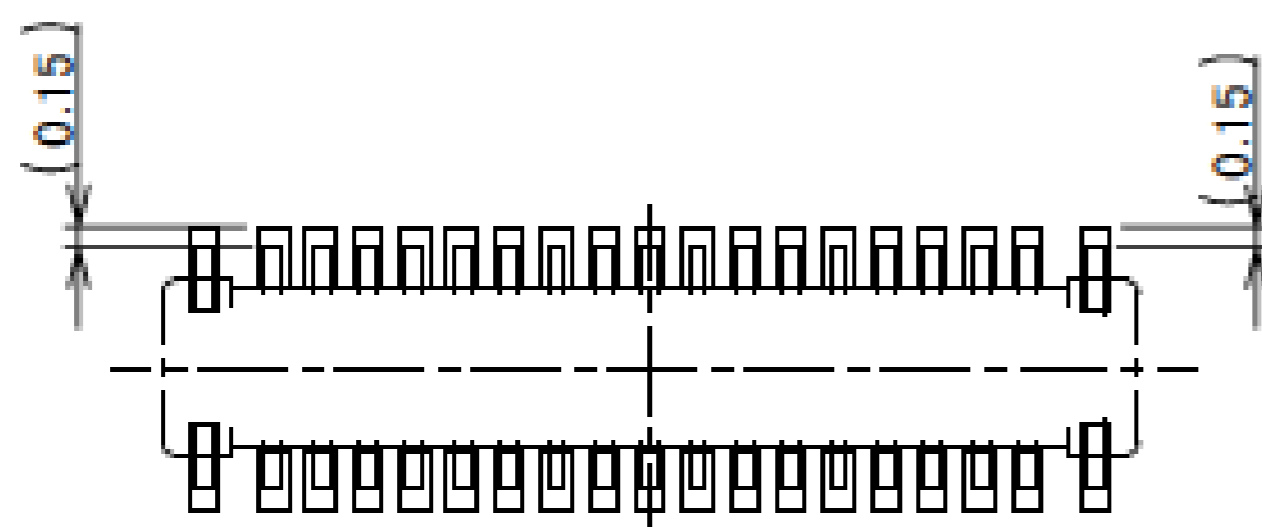
HOLD DOWN PAD LAYOUT
 USED FOR POWER SUPPLY.



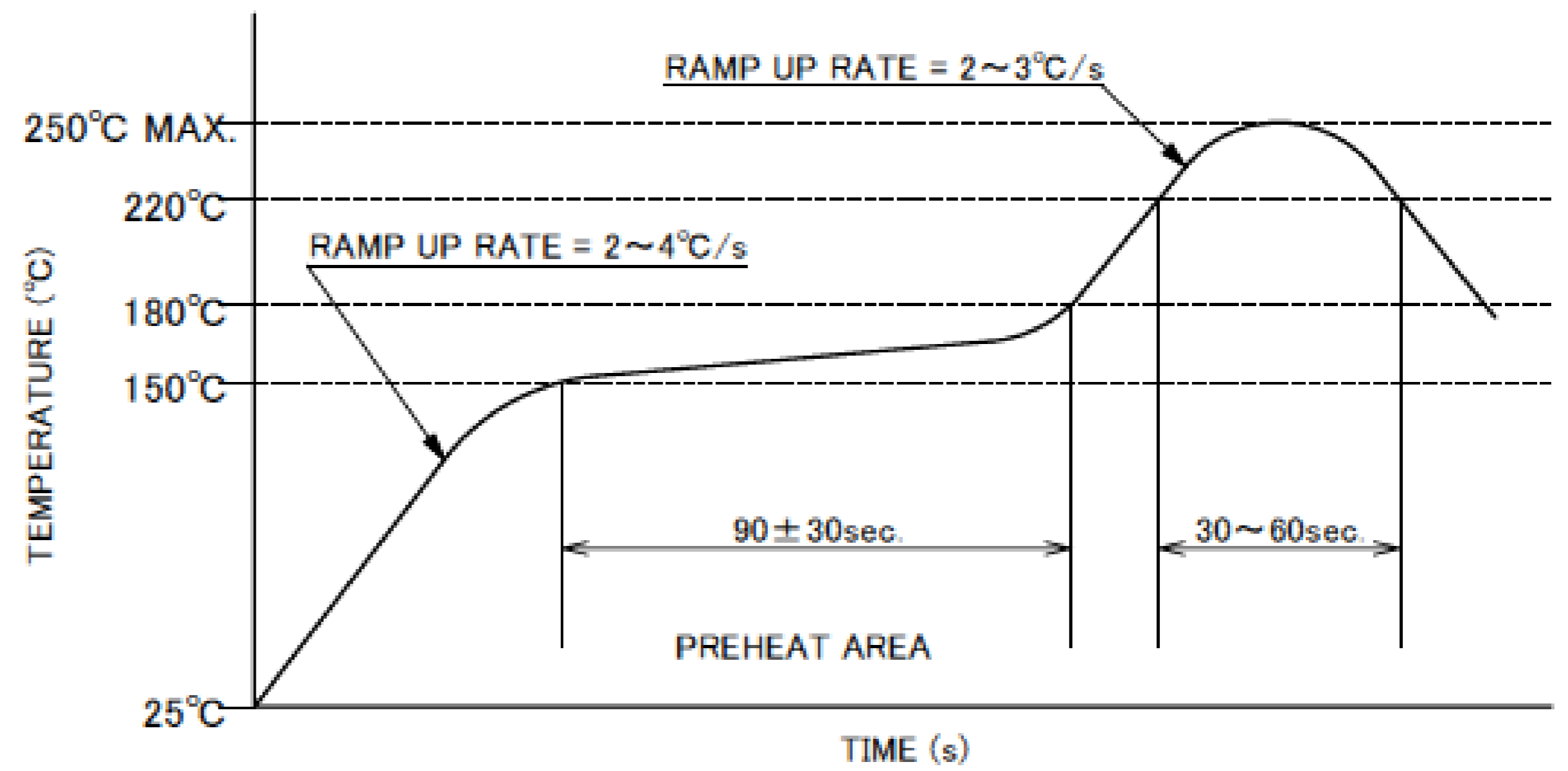
NOTE. 1

NOTES.
 1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.16



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

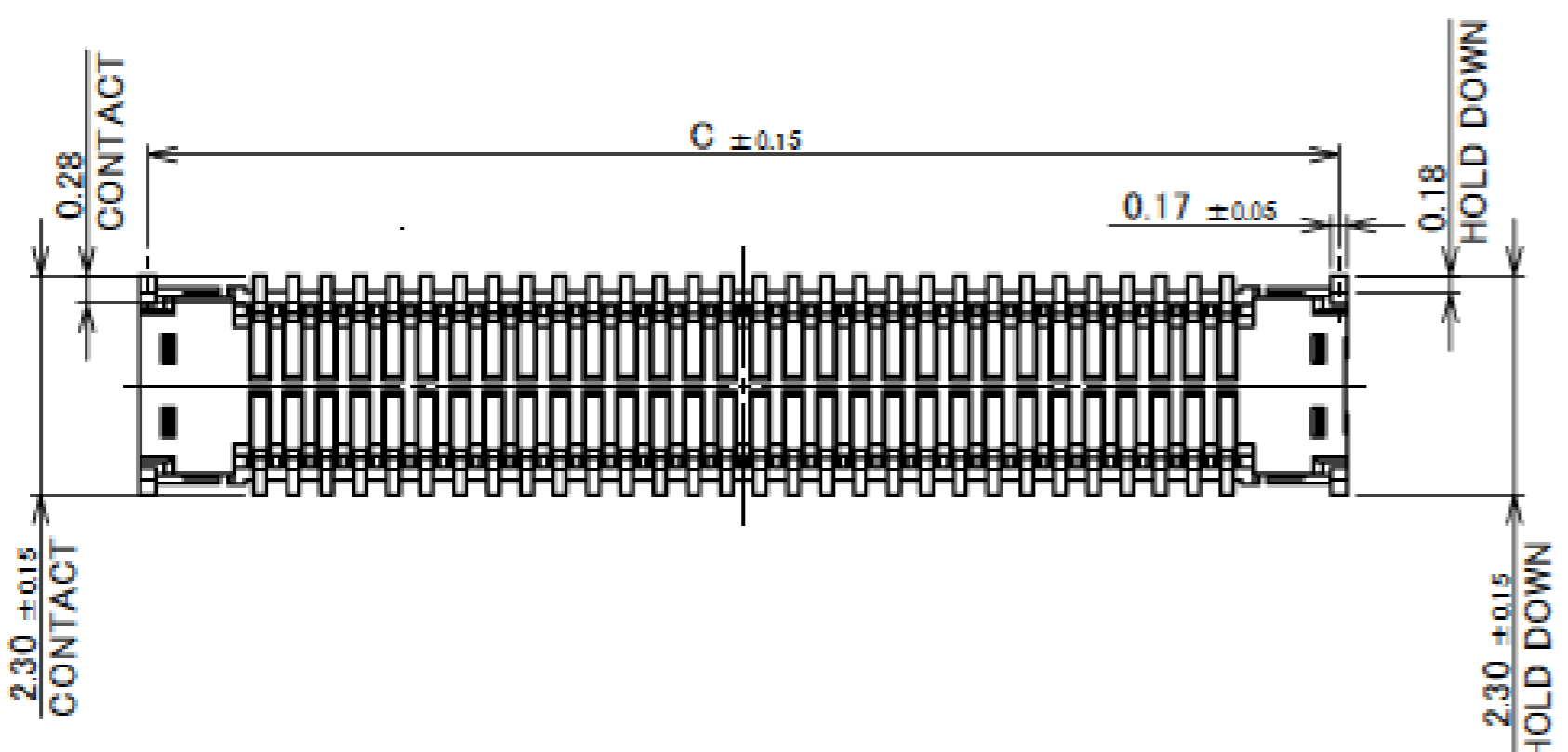
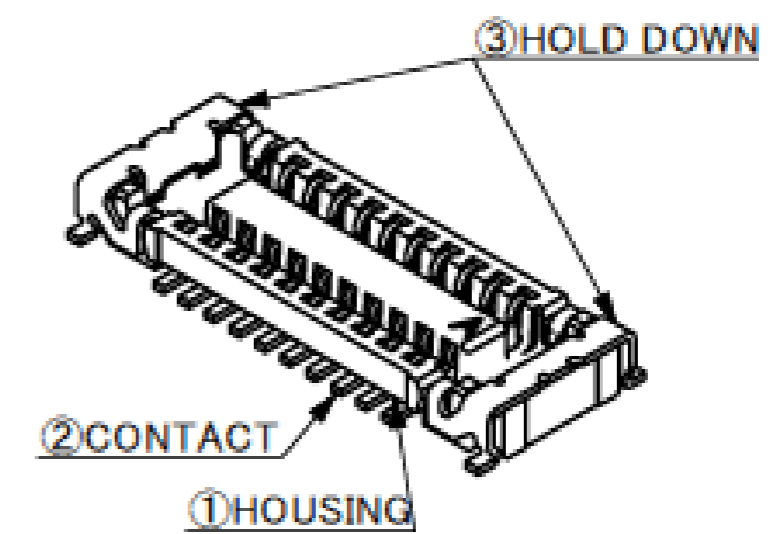
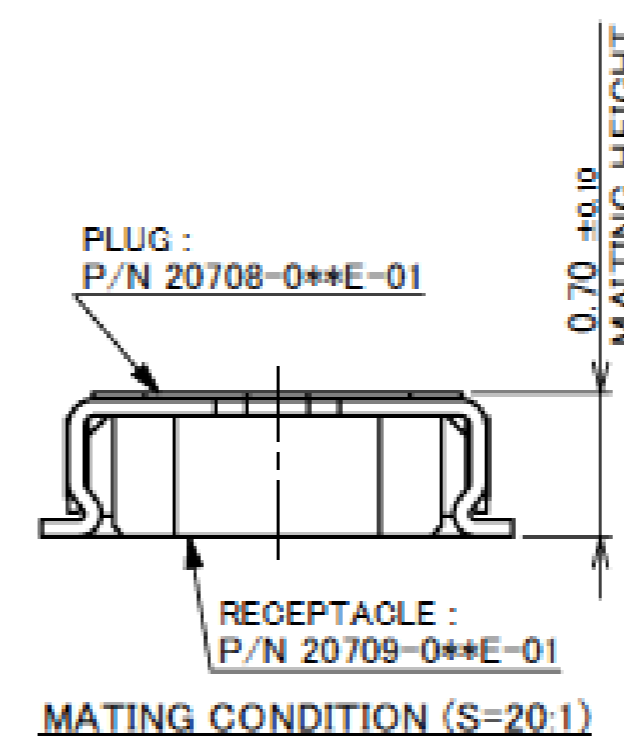
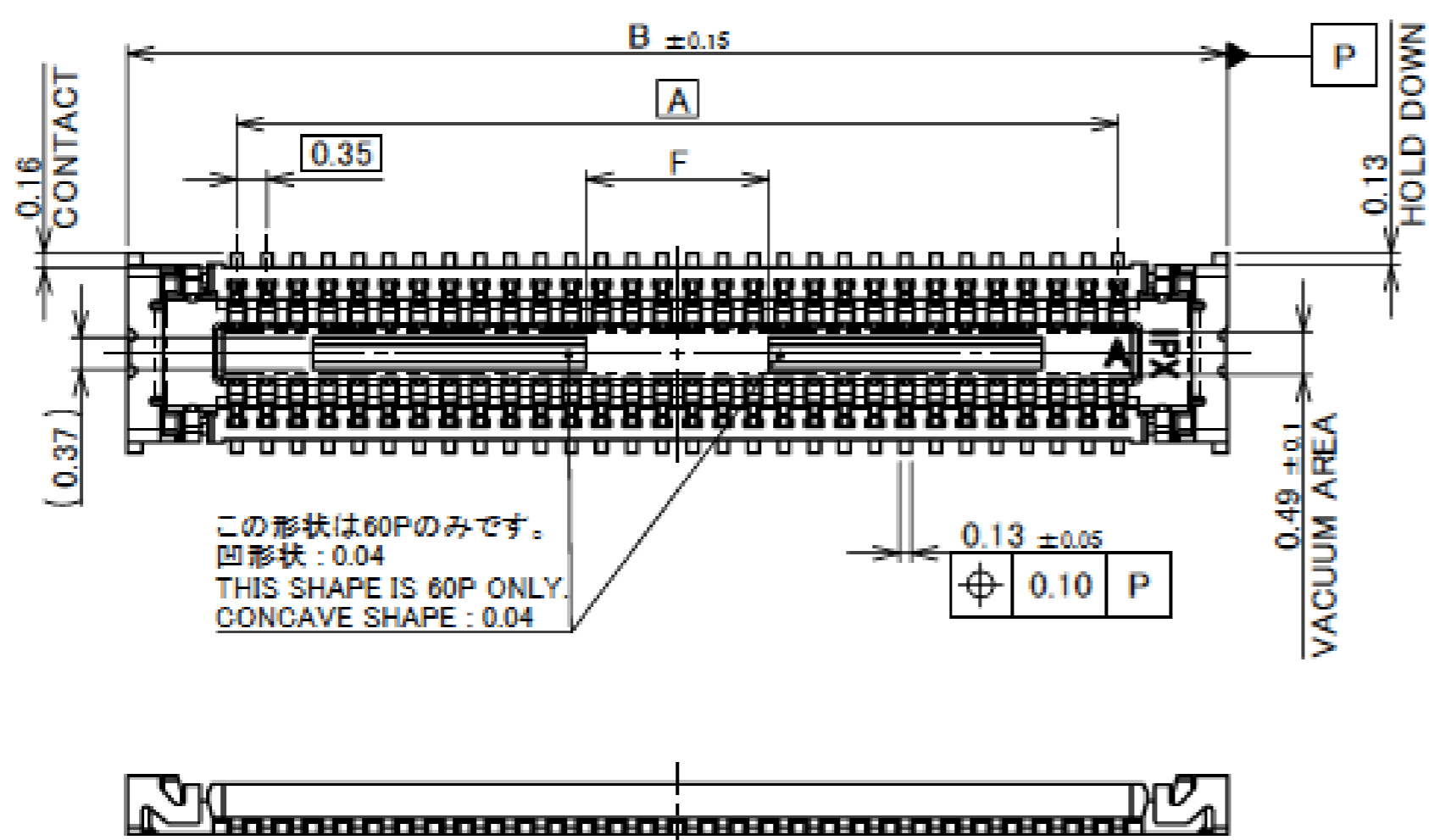
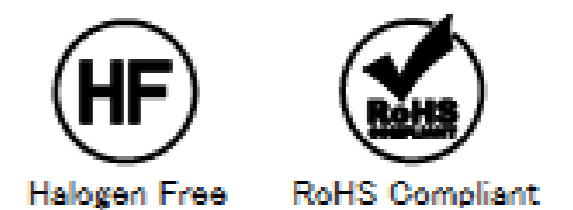
Plug Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20709-0**E-01
RATING VOLTAGE	50V AC (r.m.s) / DC
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN), 12.0A AC/DC(TOTAL) 1.0A AC/DC (PER CONTACT OF UP TO 8 PINS)
RATING AMPERAGE (FOR POWER CONTACT)	2.0A AC/DC (PER A CONTACT)/ 4.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 30mohm MAX. / AFTER TEST : Δ 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 30mohm MAX. / AFTER TEST : Δ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1,000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL)	~28P 2.0 N/Pin MAX. 30P~ 1.0 N/Pin MAX.
UNMATING FORCE (AFTER TEST)	~28P 0.30 N/Pin MIN. 30P~ 0.15 N/Pin MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2334
TEST REPORT	TR-16143
PACKING STANDARD	PST-15076
INSTRUCTION MANUAL	HIM-15014
APPEARANCE CRITERIA No.	QLS-A***

Rev.16

Receptacle Assembly

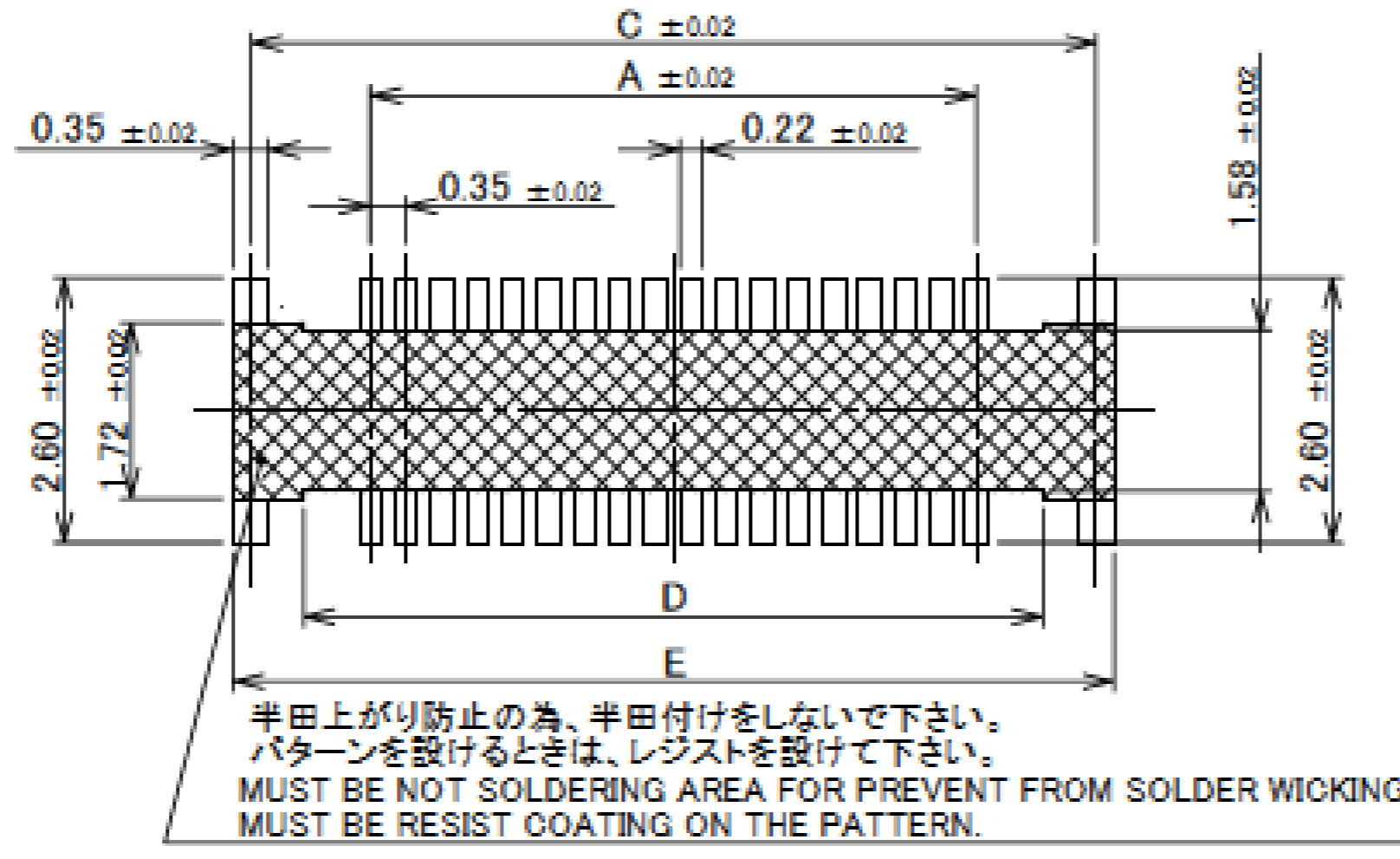
Recommended P/N	20709-0**E-01						
PART No.	Pos	A	B	C	D	E	F
20709-010E-01	10	1.40	3.92	3.75	2.70	4.10	-
20709-014E-01	14	2.10	4.62	4.45	3.40	4.80	-
20709-016E-01	16	2.45	4.97	4.80	3.75	5.15	-
20709-018E-01	18	2.80	5.32	5.15	4.10	5.50	-
20709-020E-01	20	3.15	5.67	5.50	4.45	5.85	-
20709-024E-01	24	3.85	6.37	6.20	5.15	6.55	-
20709-030E-01	30	4.90	7.42	7.25	6.20	7.60	-
20709-034E-01	34	5.60	8.12	7.95	6.90	8.30	-
20709-040E-01	40	6.65	9.17	9.00	7.95	9.35	-
20709-050E-01	50	8.40	10.92	10.75	9.70	11.10	-
20709-060E-01	60	10.15	12.67	12.50	11.45	12.85	2.10



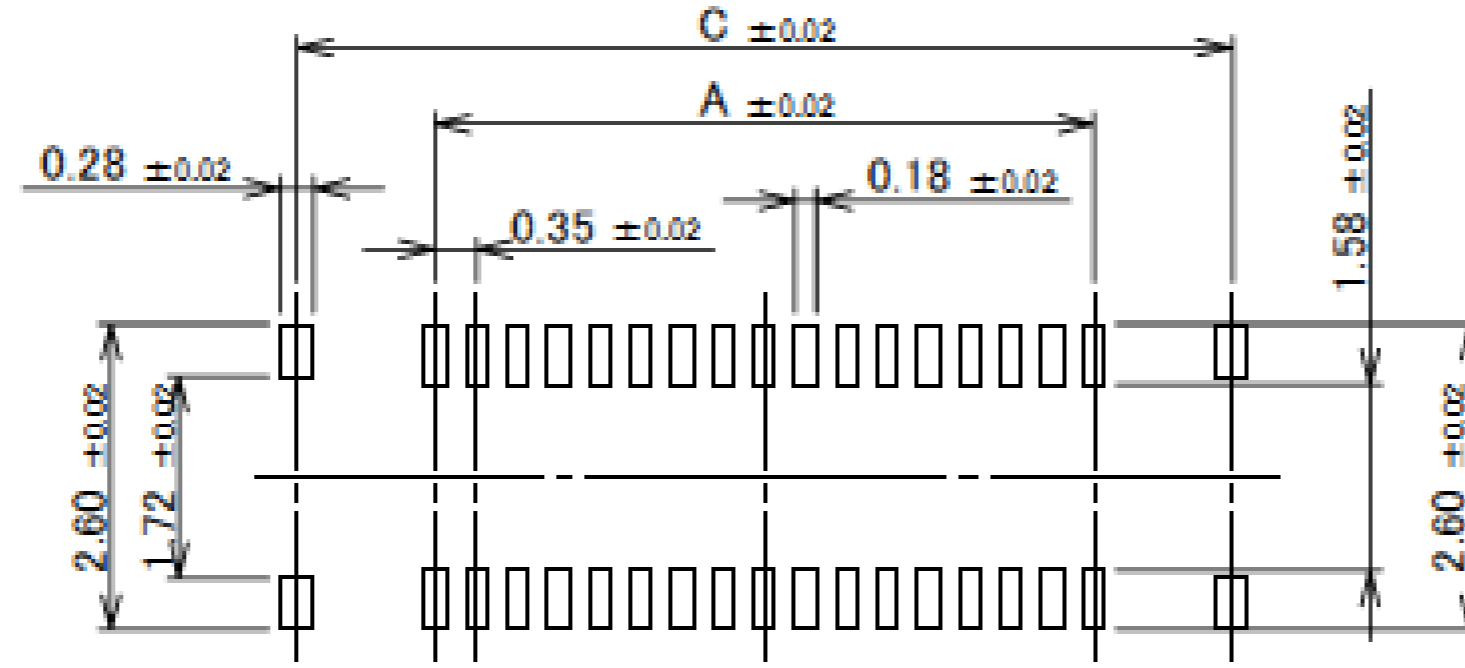
3	HOLD DOWN	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.1 μ m MIN./ SOLDERING PART Au 0.01 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.1 μ m MIN./ SOLDERING PART Au 0.01 μ m MIN.
1	HOUSING	LCP	UL94V-0, BEIGE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Rev.17

Receptacle Assembly

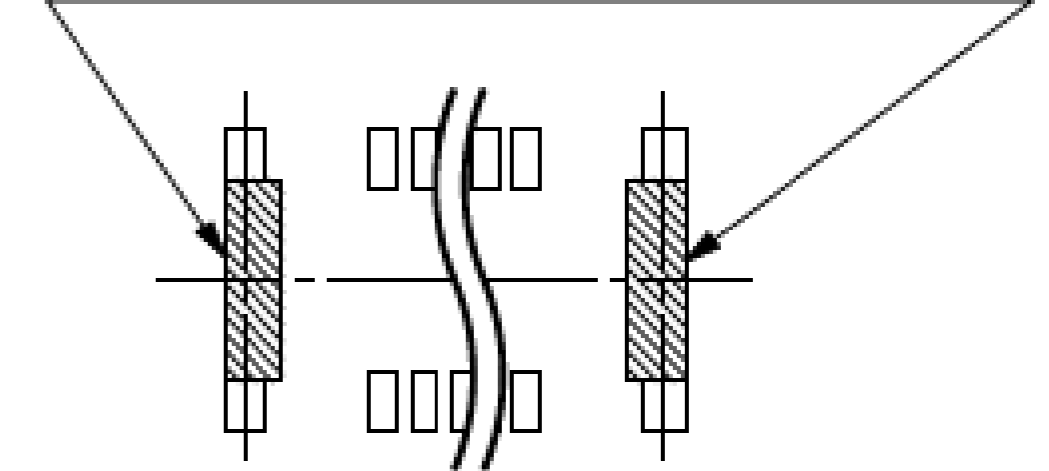


RECOMMENDED PATTERN LAYOUT

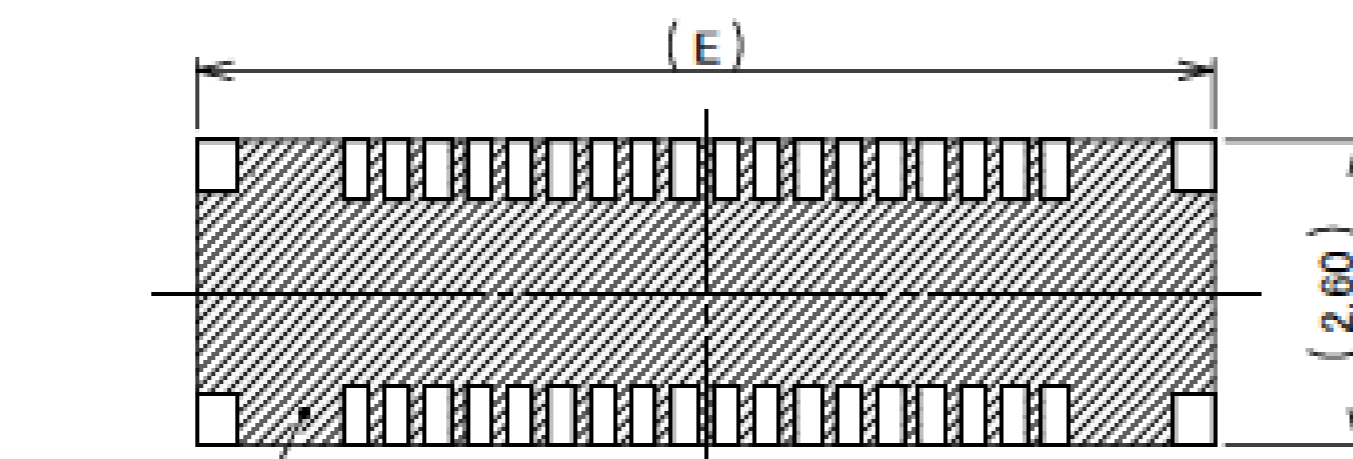


RECOMMENDED METAL MASK LAYOUT
 THICKNESS : 0.10 mm

ホールドダウンを電源用としてご使用の場合は、
 両パットを図のように繋げて下さい。
 PAD IS CONNECTED LIKE FIGURE WHEN HOLD DOWN
 IS USED FOR POWER SUPPLY.



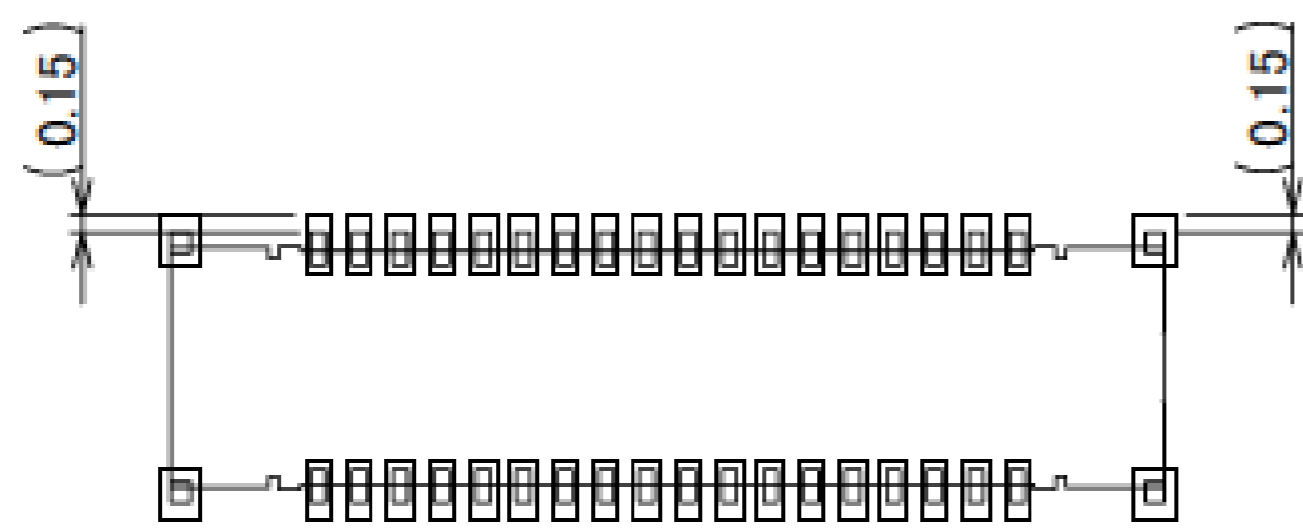
HOLD DOWN PAD LAYOUT
 USED FOR POWER SUPPLY



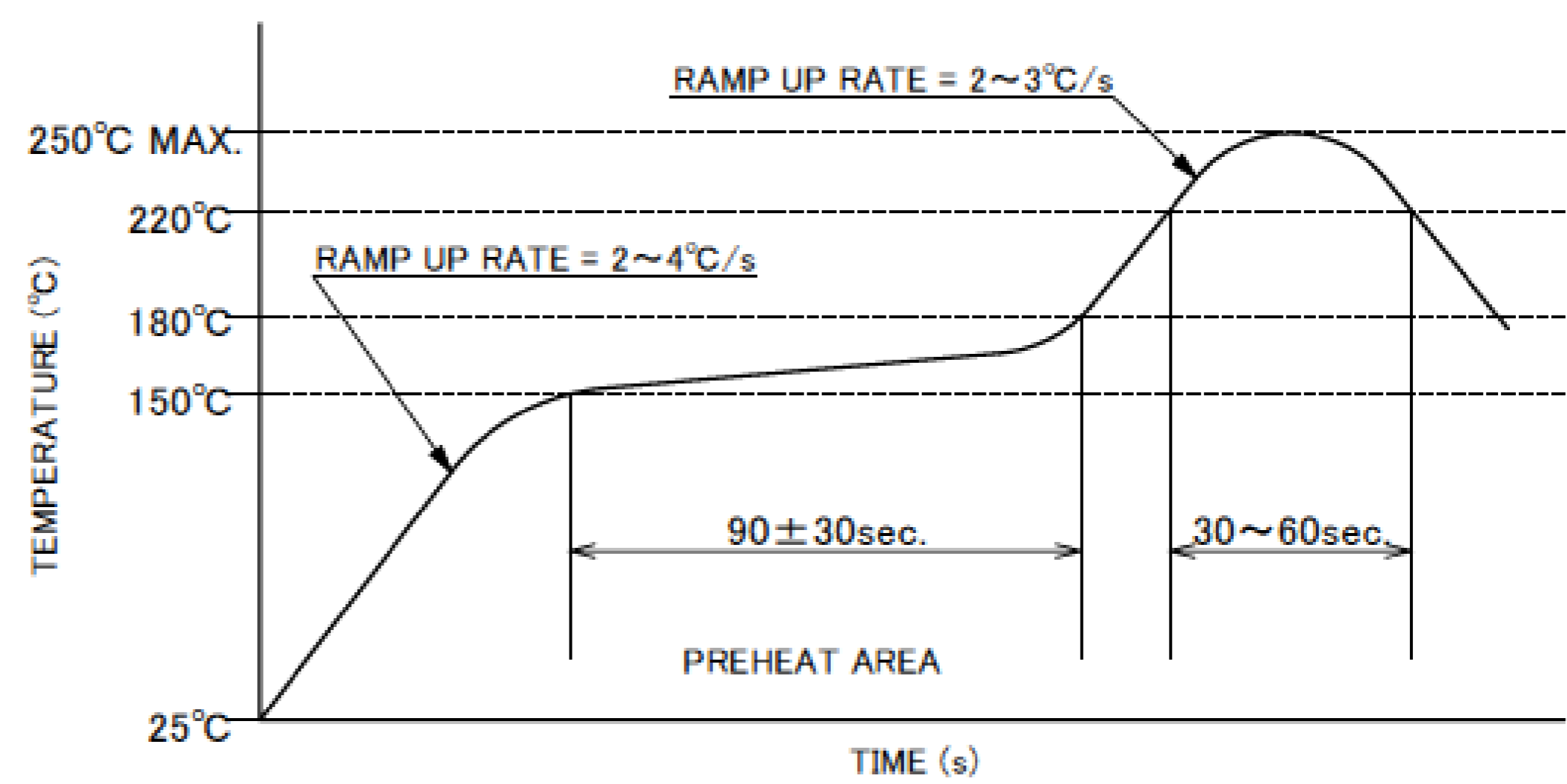
NOTE. 1

NOTES.
 1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.17



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

Receptacle Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	20708-0**E-01
RATING VOLTAGE	50V AC (r.m.s) / DC
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN), 12.0A AC/DC(TOTAL) 1.0A AC/DC (PER CONTACT OF UP TO 8 PINS)
RATING AMPERAGE (FOR POWER CONTACT)	2.0A AC/DC (PER CONTACT PIN), 4.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 30mohm MAX. / AFTER TEST : \triangle 20mohm MAX.
CONTACT RESISTANCE (FOR POWER CONTACT)	INITIAL : 30mohm MAX. / AFTER TEST : \triangle 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1.000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL)	~28P 2.0 N/Pin MAX. 30P~ 1.0 N/Pin MAX.
UNMATING FORCE (AFTER TEST)	~28P 0.30 N/Pin MIN. 30P~ 0.15 N/Pin MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2334
TEST REPORT	TR-16143
PACKING STANDARD	PST-15077
INSTRUCTION MANUAL	HIM-15014
APPEARANCE CRITERIA No.	QLS-A***

Rev.17

Custom Connectors Available

 RF Connectors

MHF® series



CABLINA® series



Micro-coaxial/Twinax Connectors

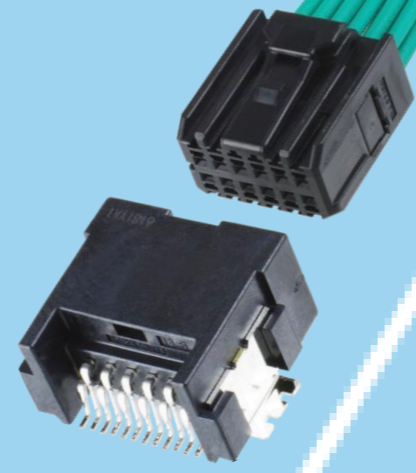


Wire-to-Board Connectors/Terminals

AP series



ISH® series



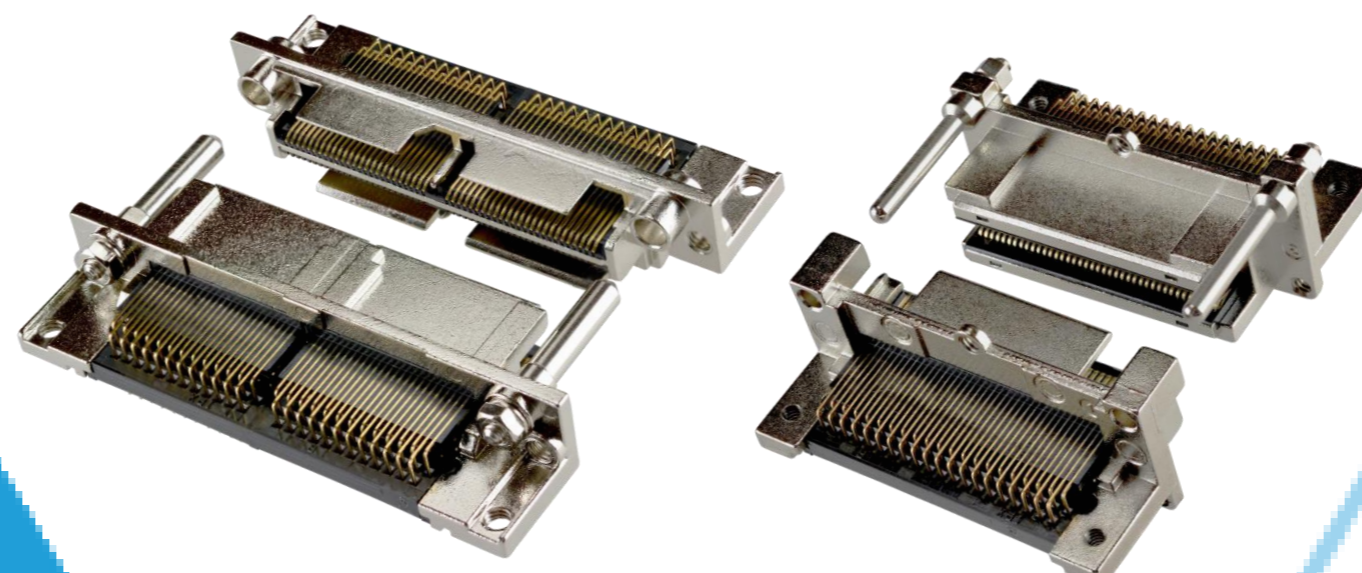
NOVASTACK® series



Board-to-Board Connectors



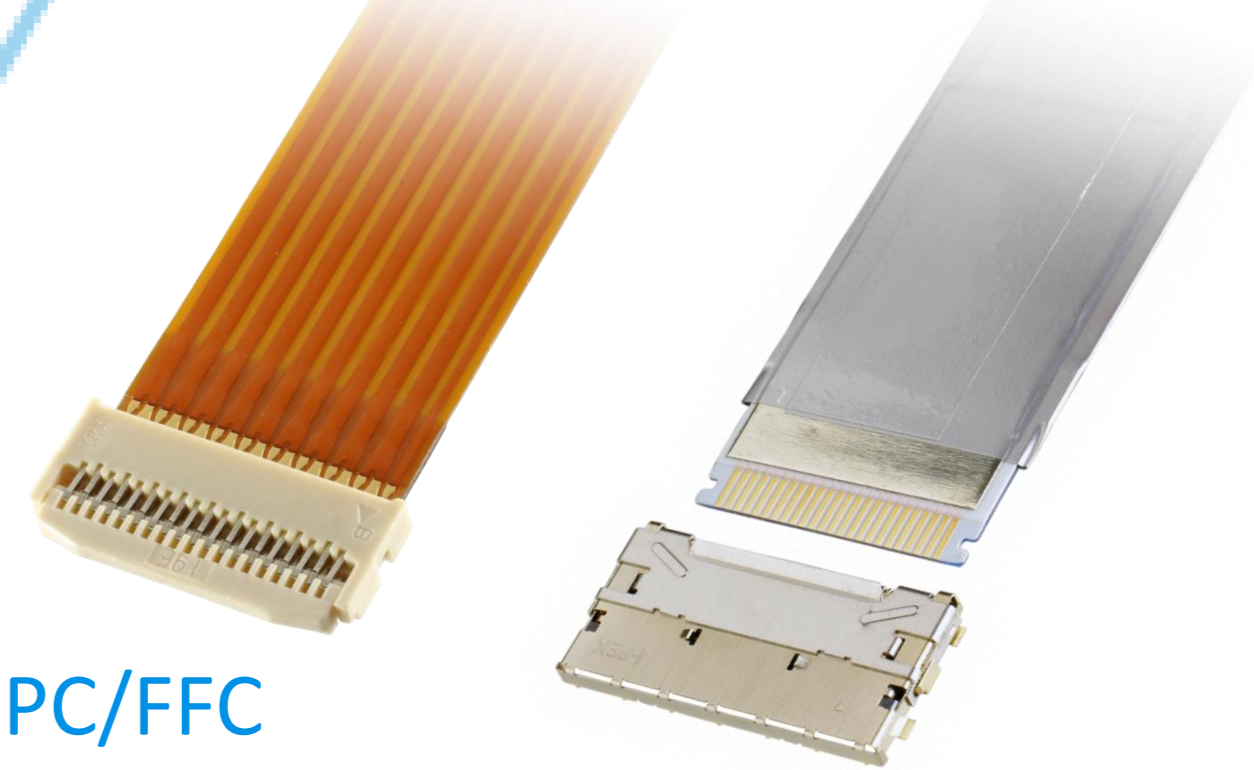
I/O Connectors



MINIDOCK™ series

MINIFLEX® series

EVAFLEX® series



FPC/FFC Connectors



Inquiry



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