

NOVASTACK® 35-HDH

결합 높이 1.5 mm, 0.35 mm 피치, 풀 실드,
고속전송 대응 20GHz (≒40 Gbps)/lane

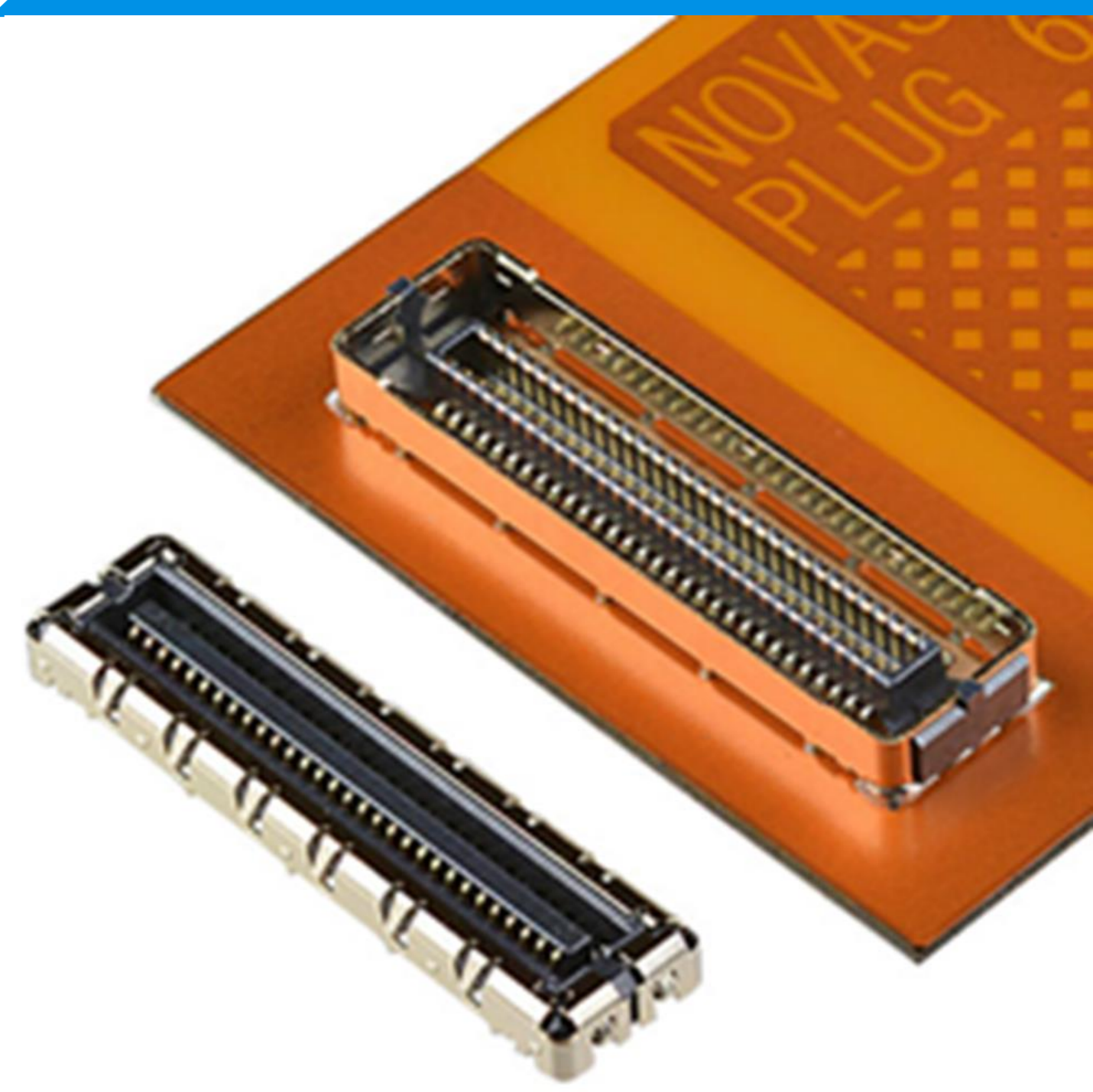
Product Specifications:

Board Pitch (mm)	0.35	
Wiping Length (mm)	0.33	
Mated Size (mm)	Height	1.5 +/- 0.10
	Width	3.3+(0.35*?p/2)
	Depth	3.64
Current Rating	Signal	0.5A/pin (12.0A Max. (Total))
	Power	-
Pin Counts	Range	10 - 70
	Available	60

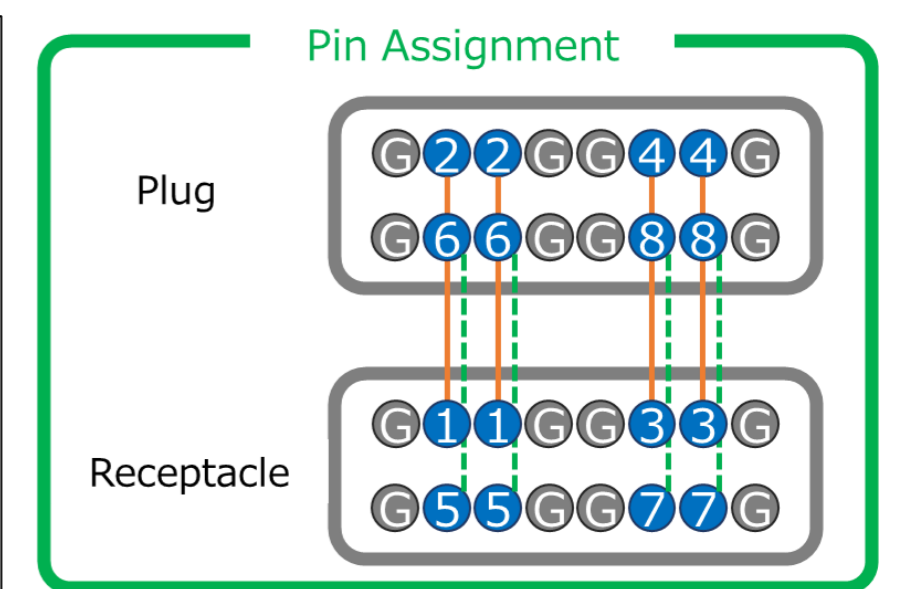
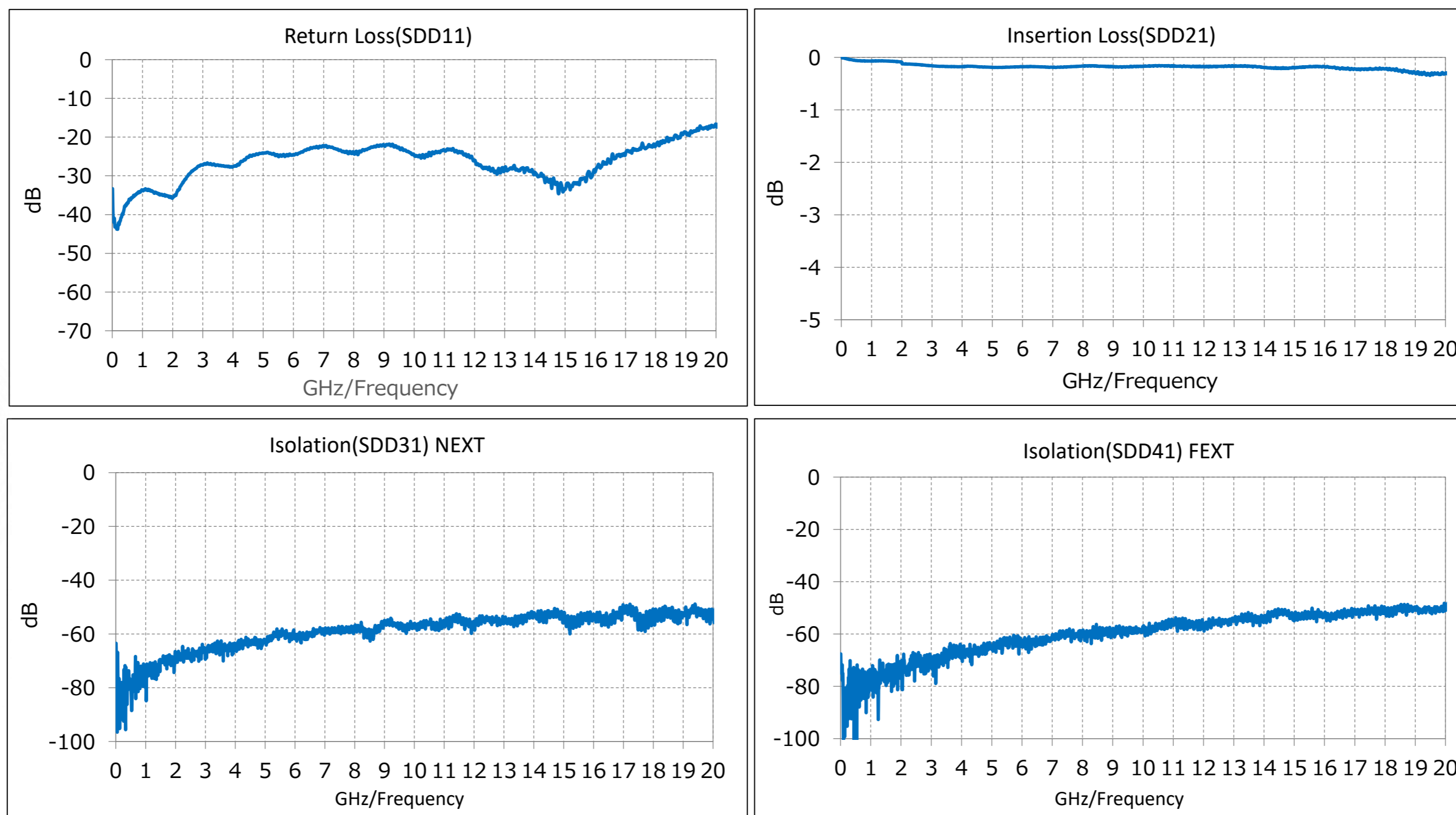
Applicable Standards (Reference Only):

USB4 (20 Gbps/lane); USB 3.1 Gen 2 (10 Gbps); eDP HBR 3 (8.1 Gbps); eDP HBR 2 (5.4 Gbps); HDMI 2.0 (6 Gbps); V-By-One HS 1.4 (4 Gbps); MiPi standards

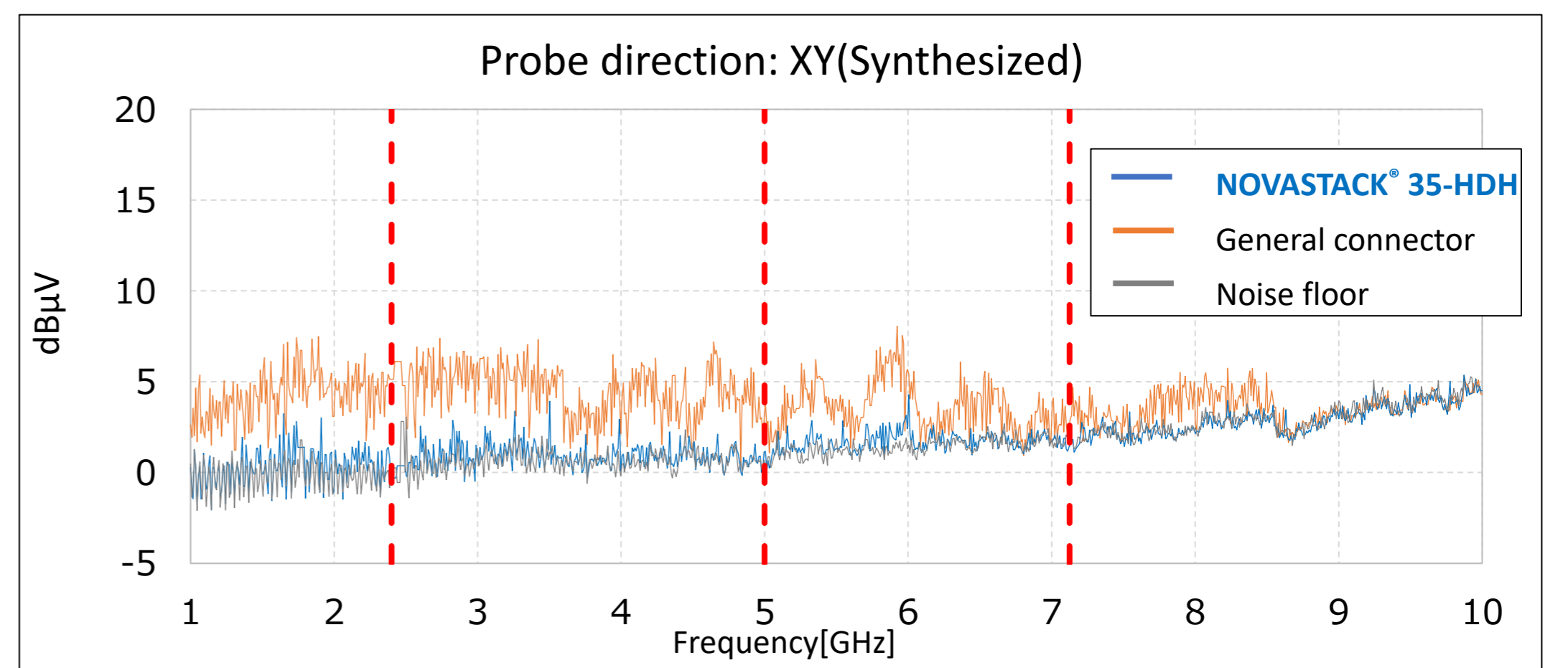
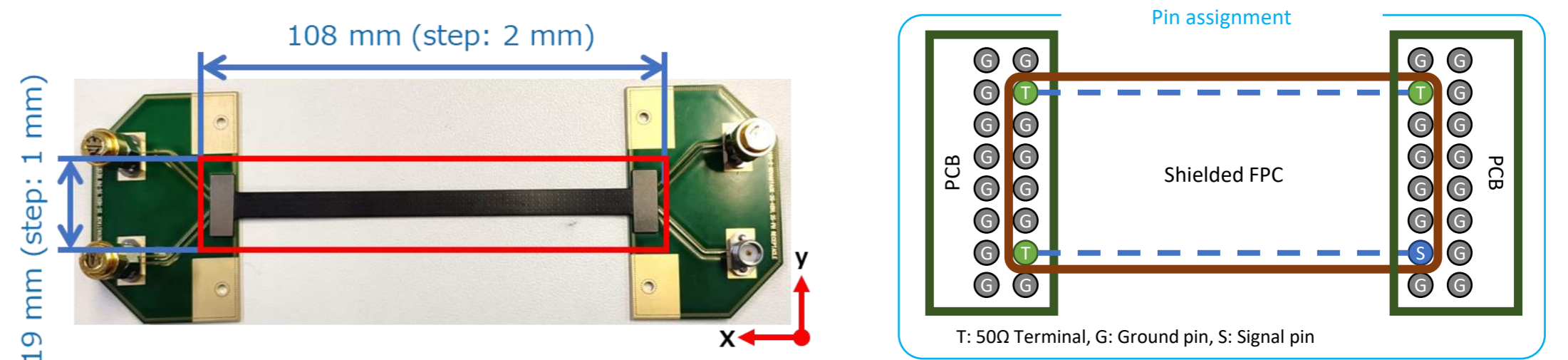
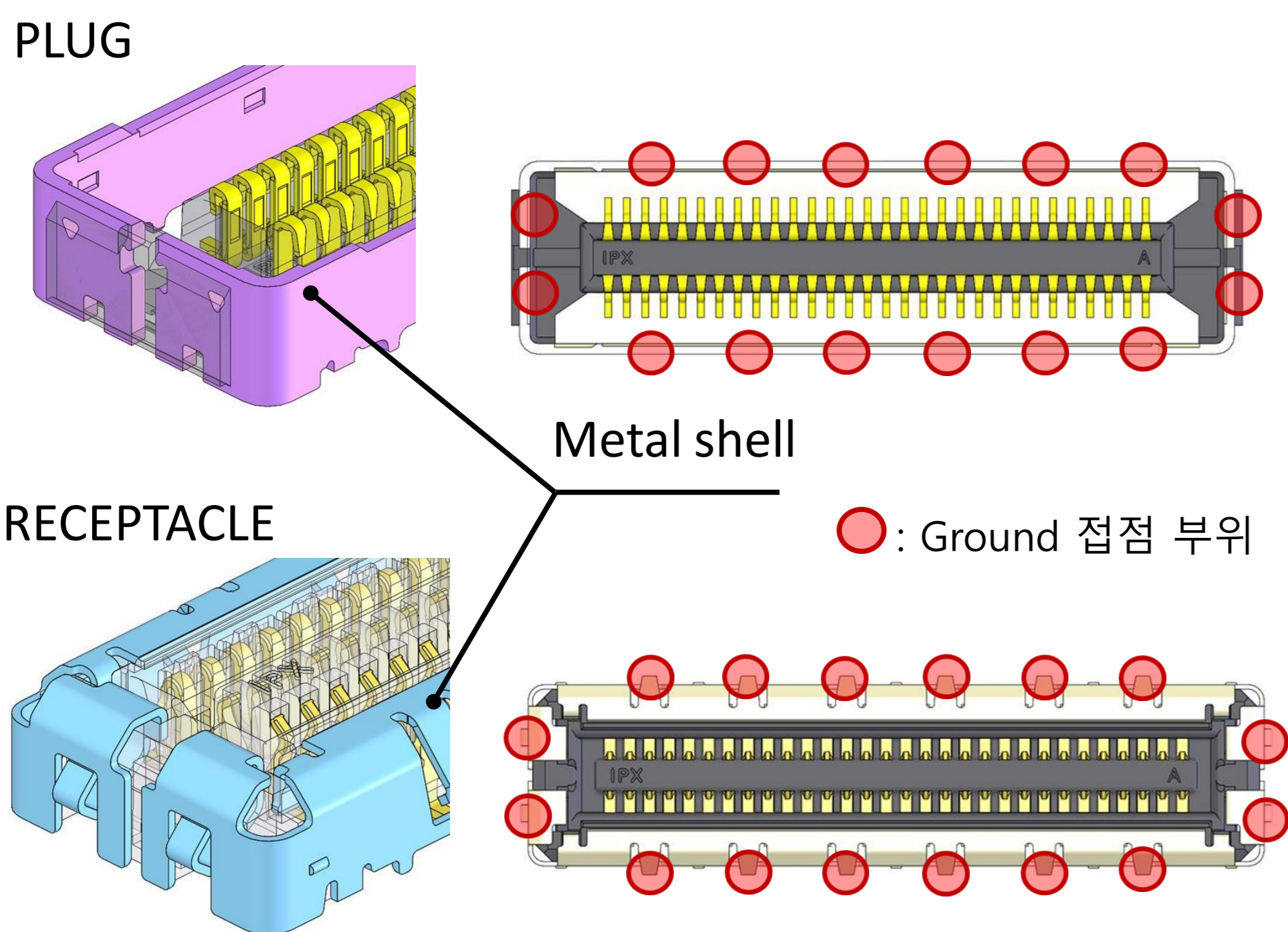
*기재가 되어있지 않은 핀 수의 대응 여부에 대해서는 문의 부탁드립니다.



▶ 20 GHz(≒40 Gbps)/lane의 전송이 가능하여 최신의 고속 신호에 최적화



▶ 복수의 그라운드 접점에 의한 ZenShield® 풀 실드로 EMC 대응

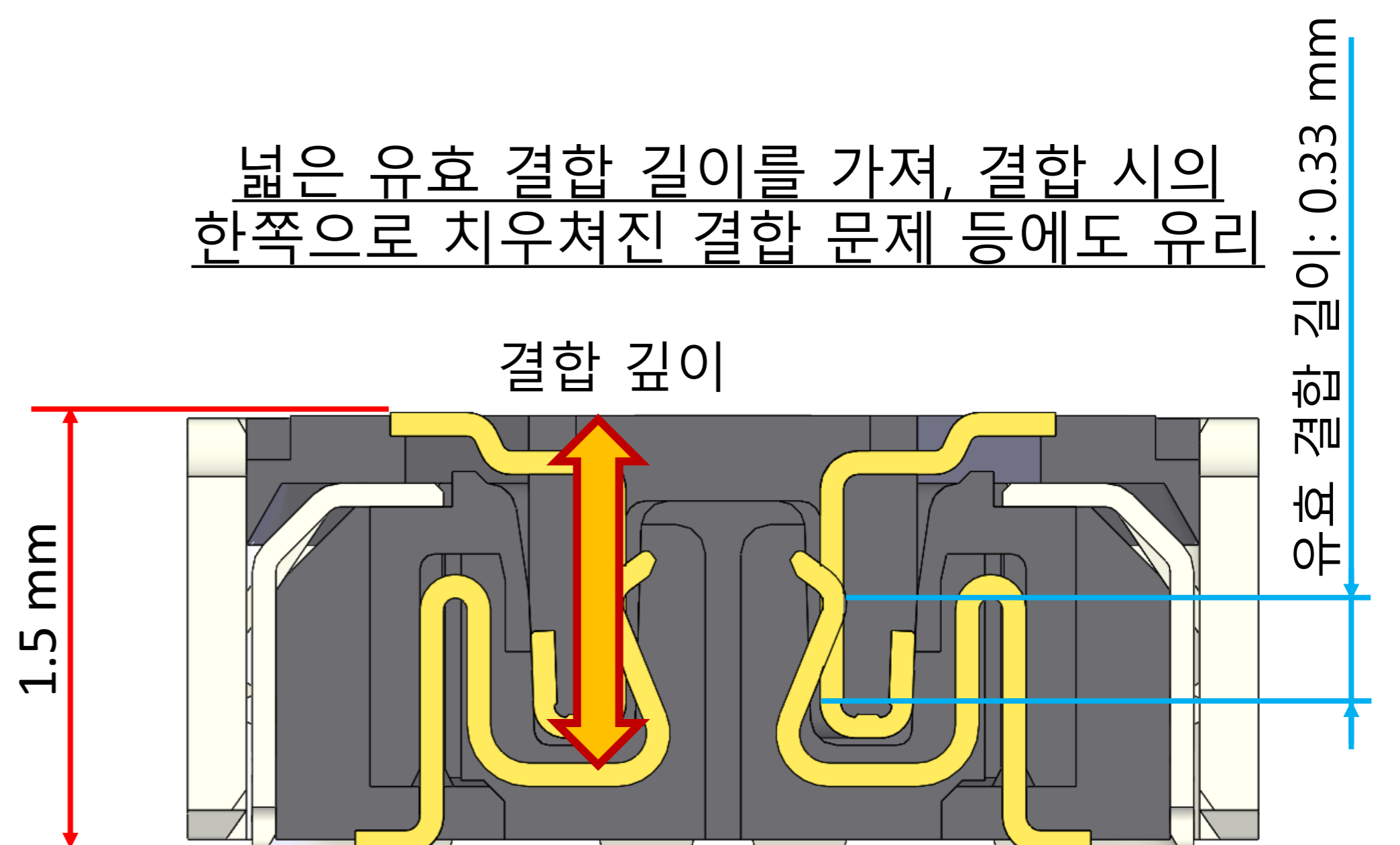
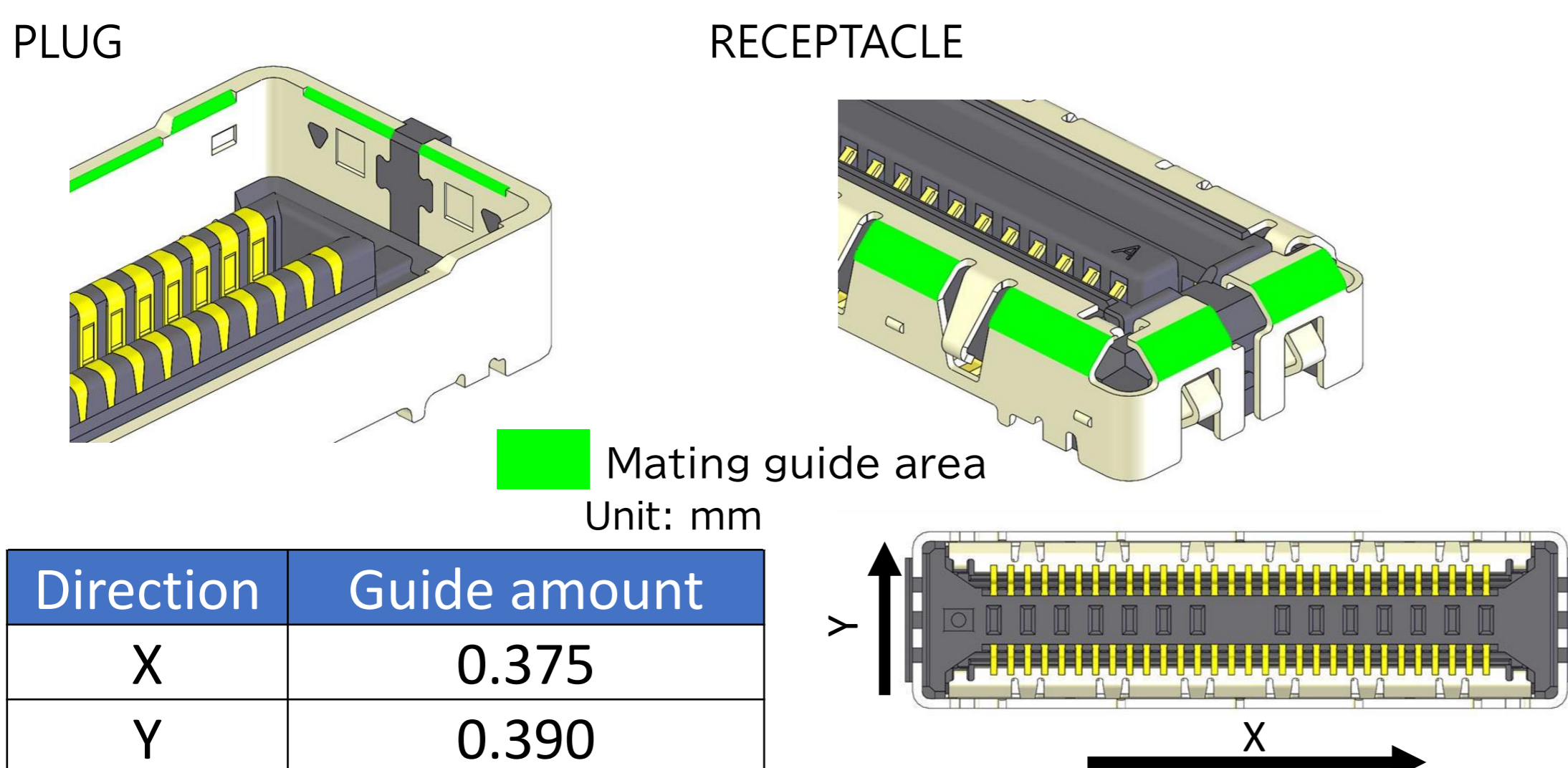


EMI measurement result

▶ 결합 작업성이 뛰어난 설계의 고배 커넥터

콘택트 피치 이상의 가이드량으로 적정한 결합 위치로 유도

넓은 유효 결합 길이를 가져, 결합 시의 한쪽으로 치우쳐진 결합 문제 등에도 유리



Component Parts Detail

Plug Assembly

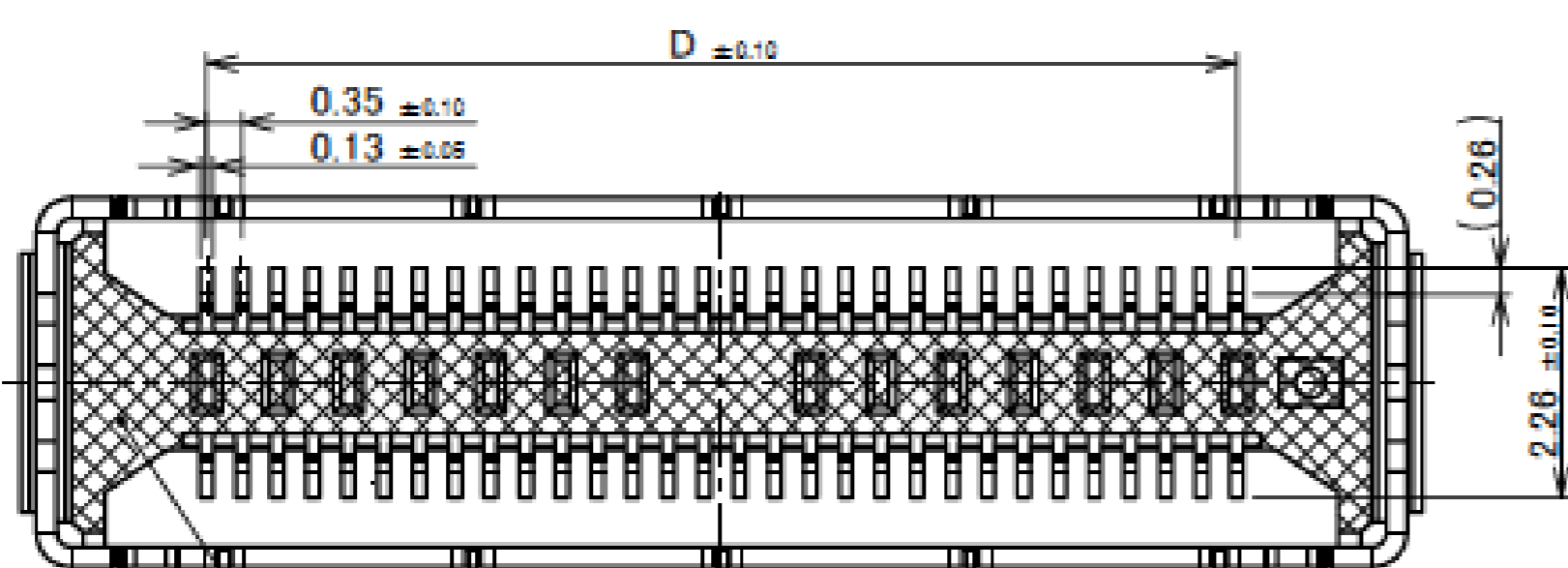
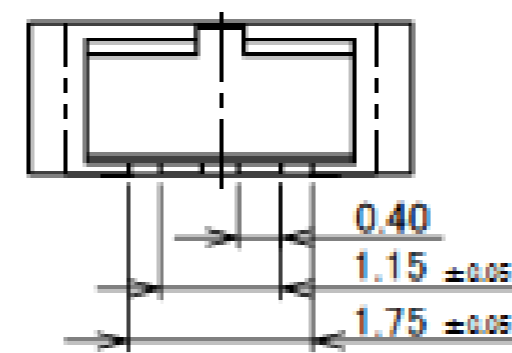
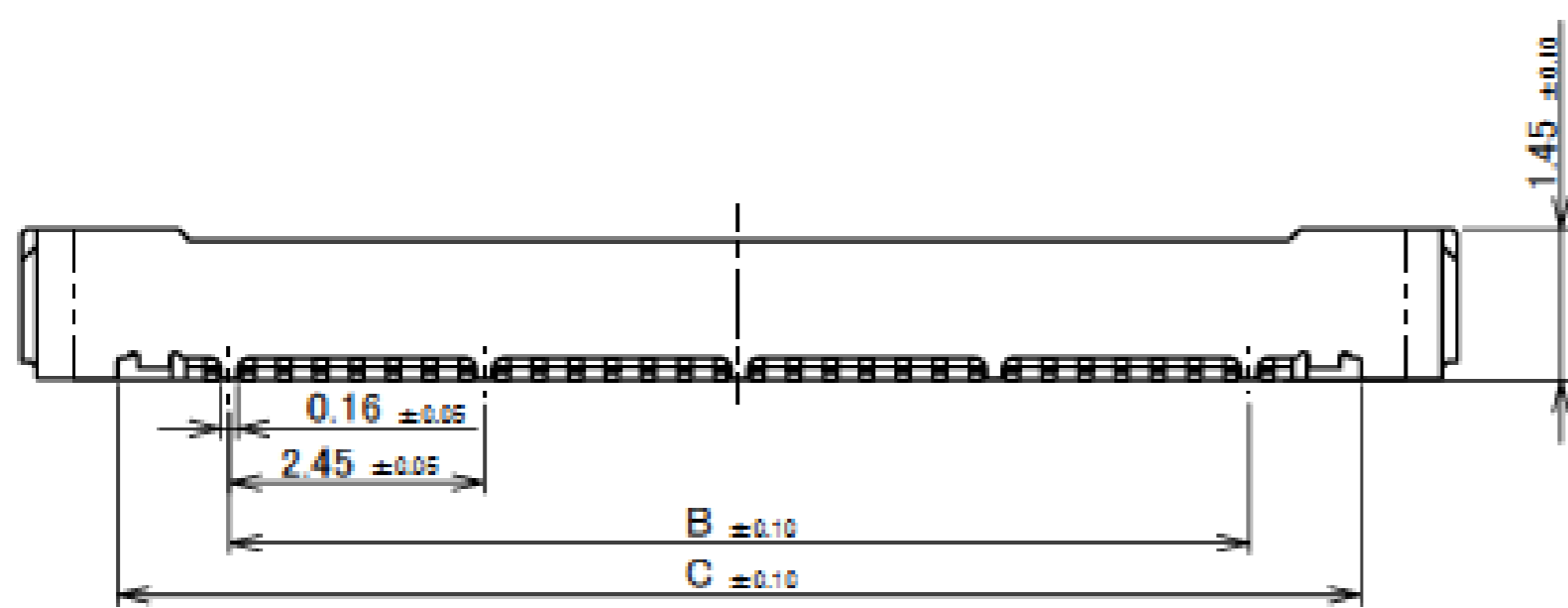
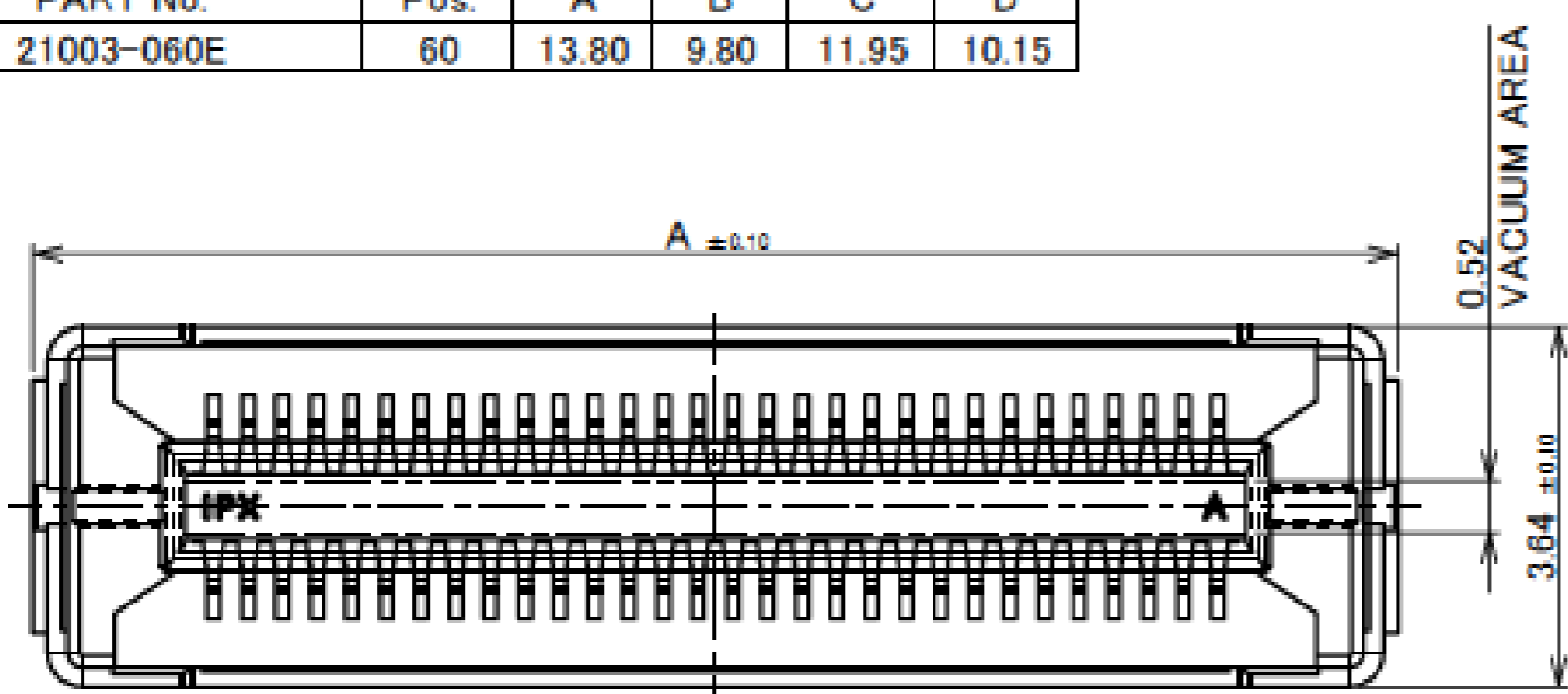
Recommended P/N	21003-060E				
PART No.	Pos.	A	B	C	D
21003-060E	60	13.80	9.80	11.95	10.15



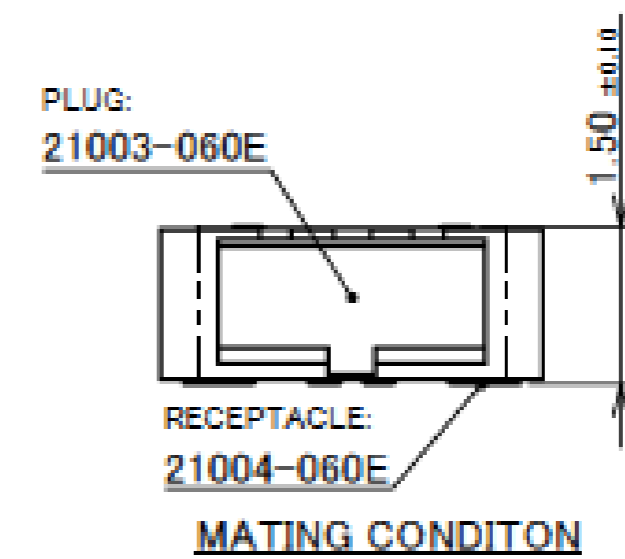
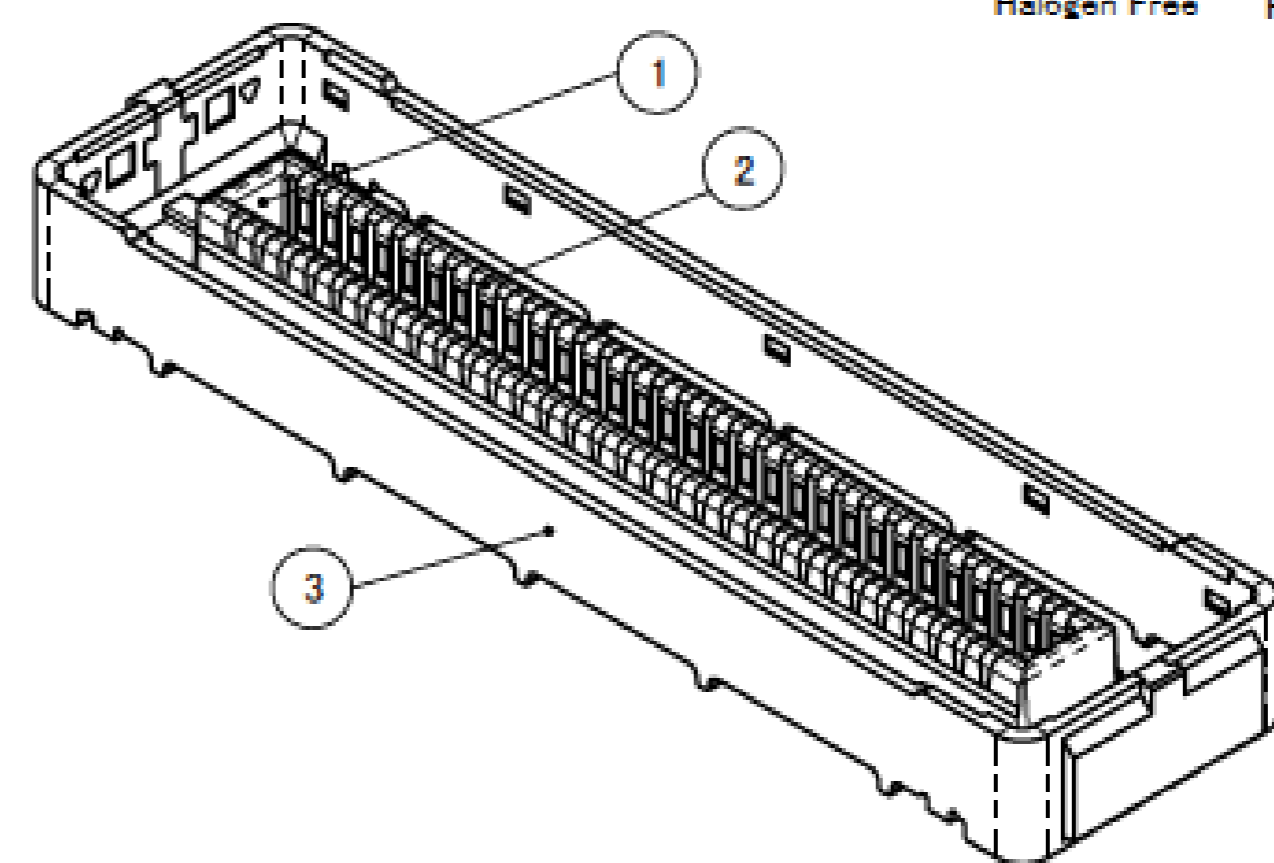
Halogen Free



RoHS Compliant



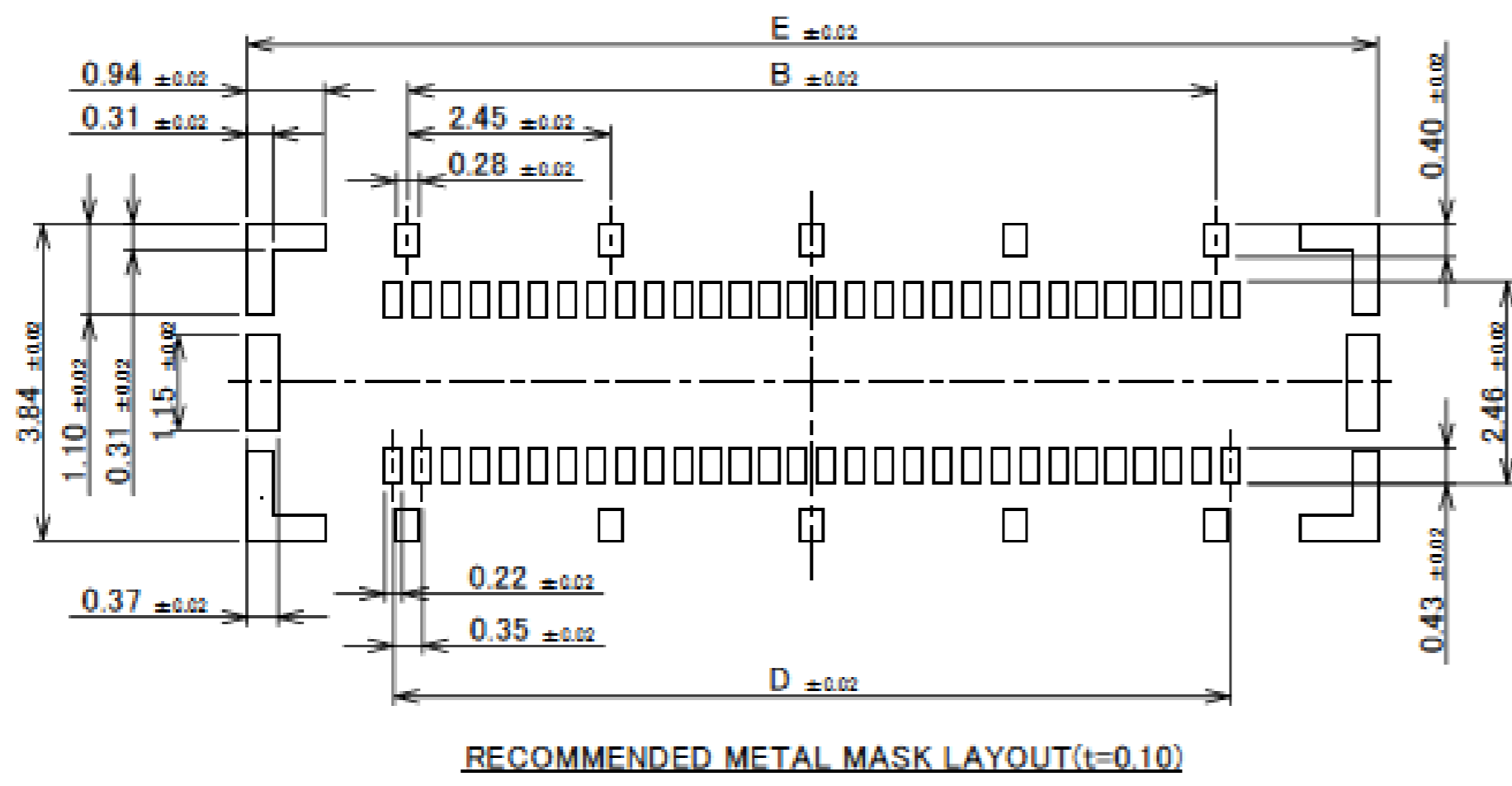
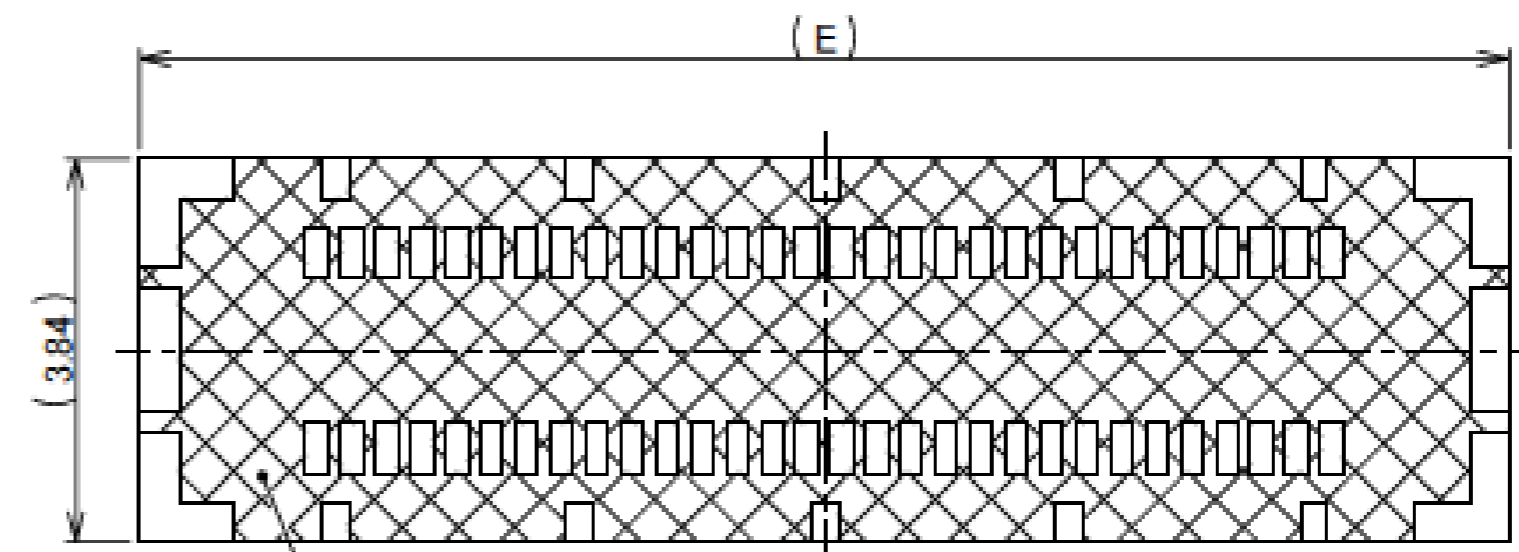
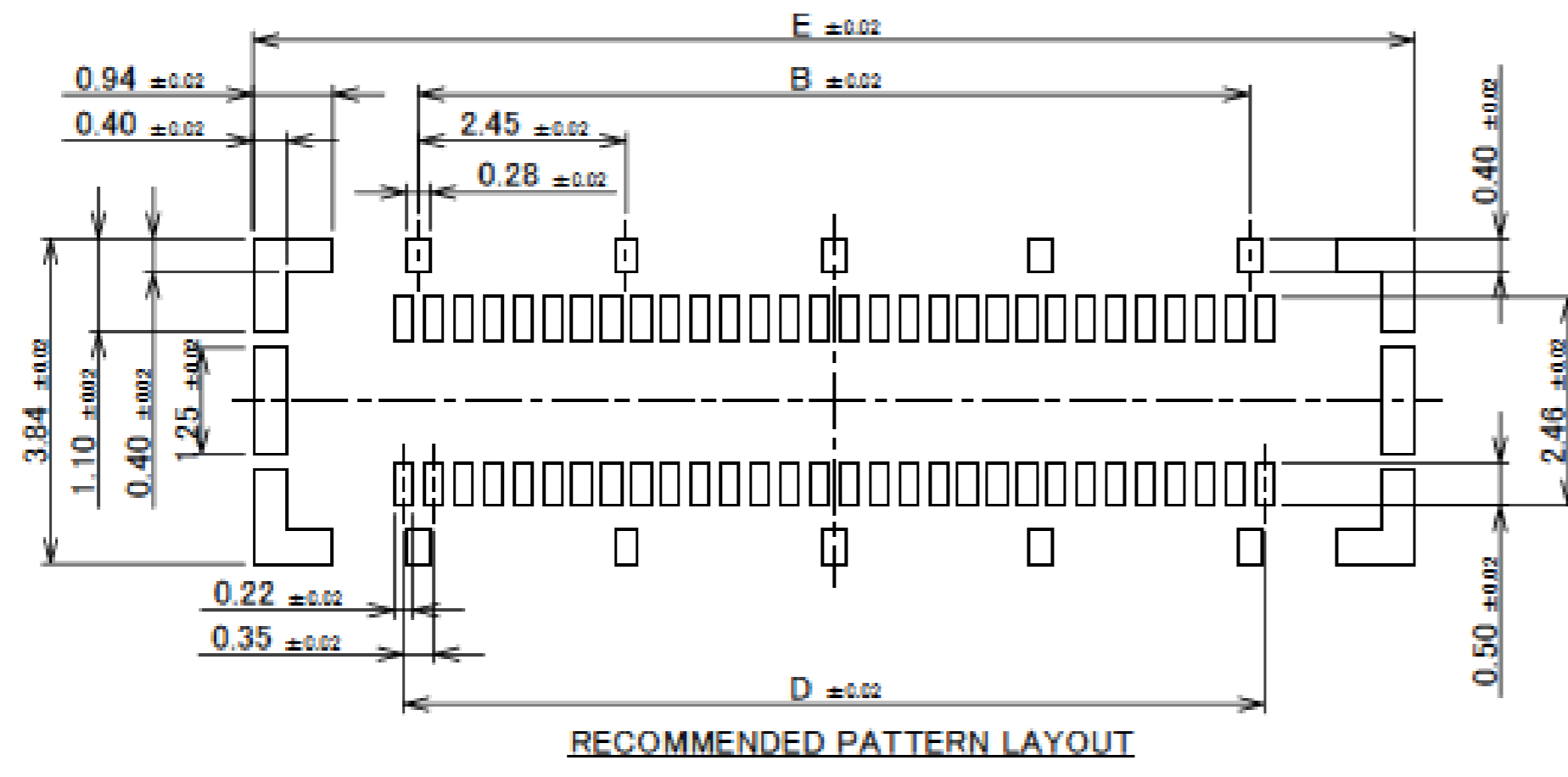
THERE IS A POSSIBILITY OF DENT SHAPE IN THE BOTTOM SURFACE OF HOUSING.



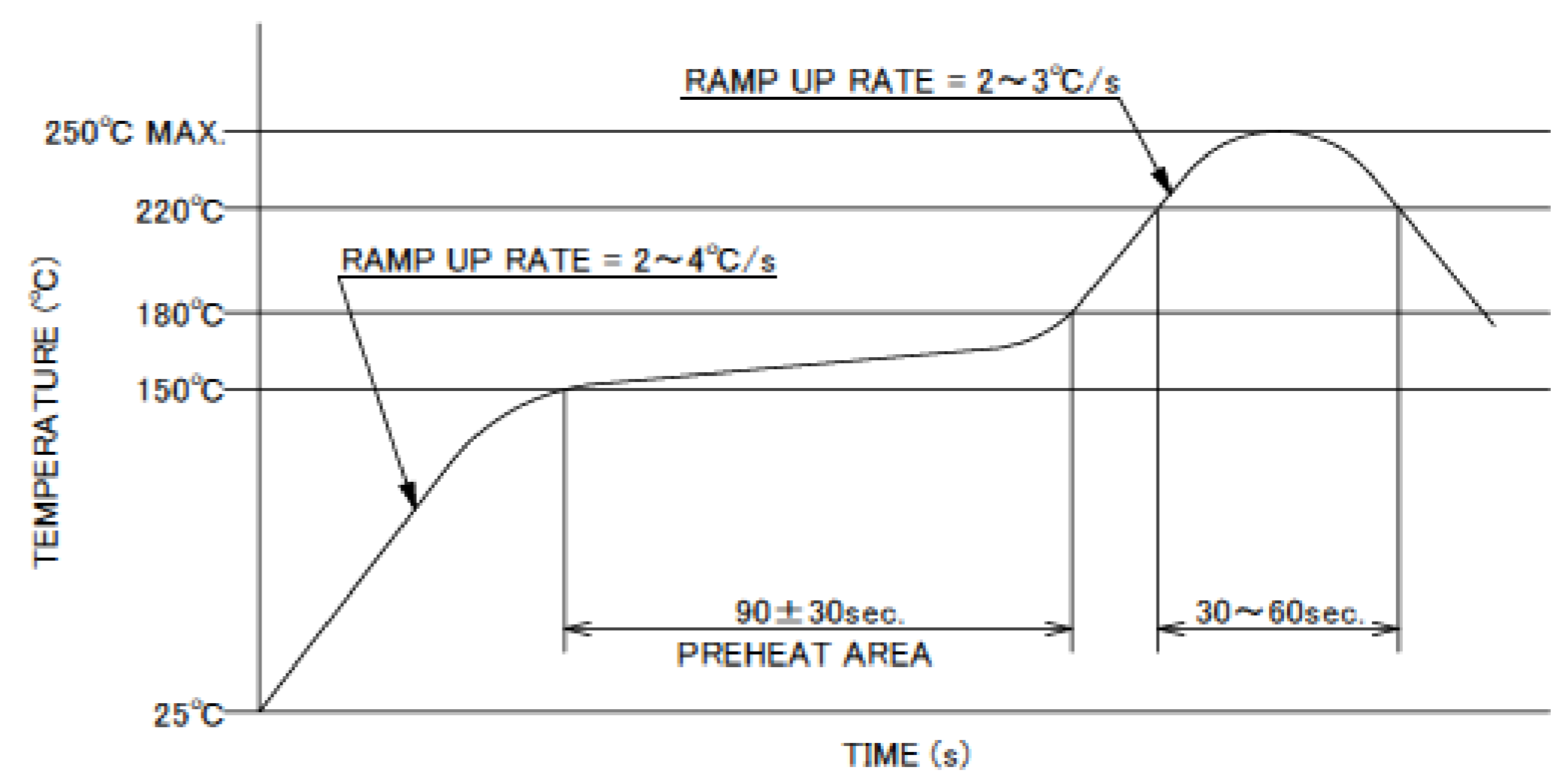
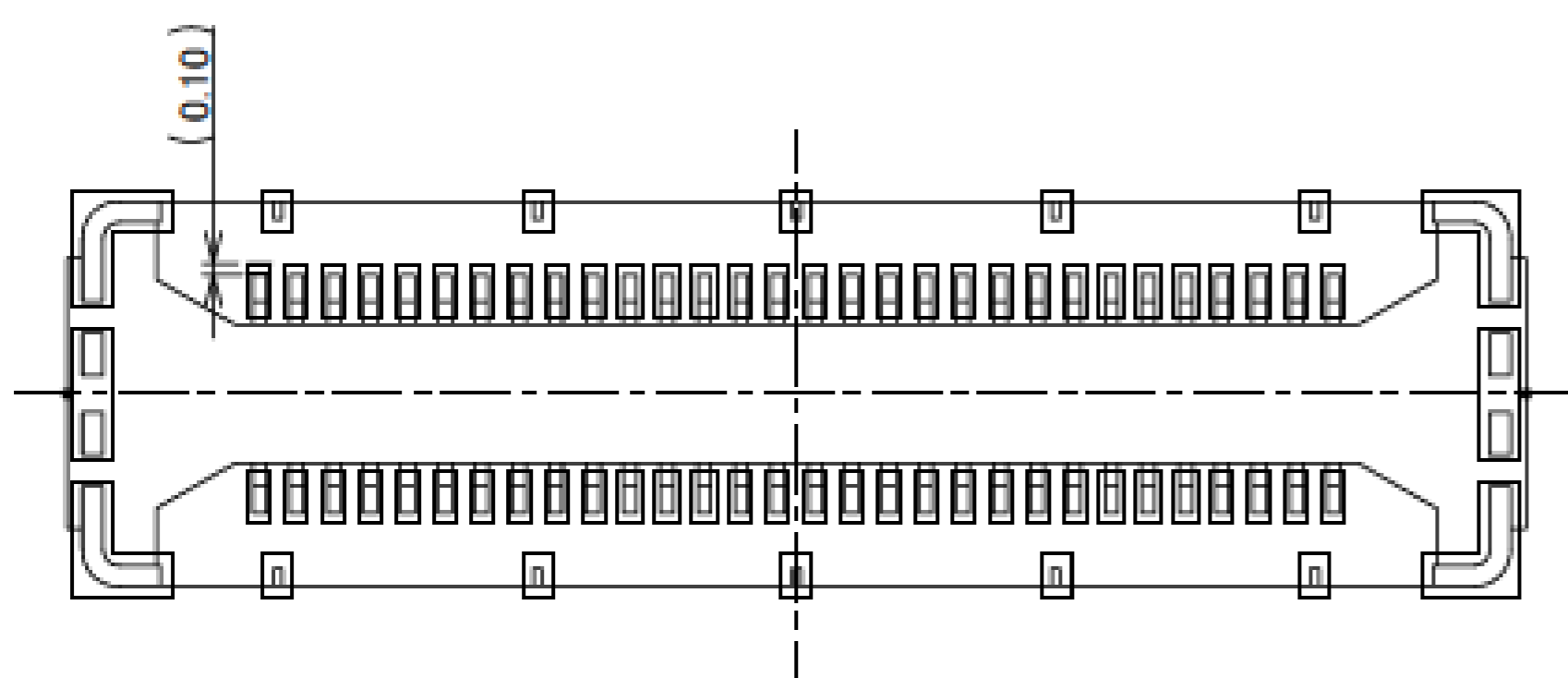
NO.	DESCRIPTION	MATERIAL	FINISH, REMAKS
3	SHELL	CORSON ALLOY	ALL Au 0.01 μm MIN. OVER Ni 1.27 μm MIN.
2	CONTACT	CORSON ALLOY	CONTACT AREA : Au 0.13 μm MIN. OVER Ni 1.27 μm MIN. SOLDERING AREA : Au 0.02 μm MIN. OVER Ni 1.27 μm MIN.
1	HOUSING	LCP	UL94V-0, BLACK

Plug Assembly

PART No.	Pos.	B	D	E
21003-060E	60	9.80	10.15	13.70



Rev.1



Rev.1

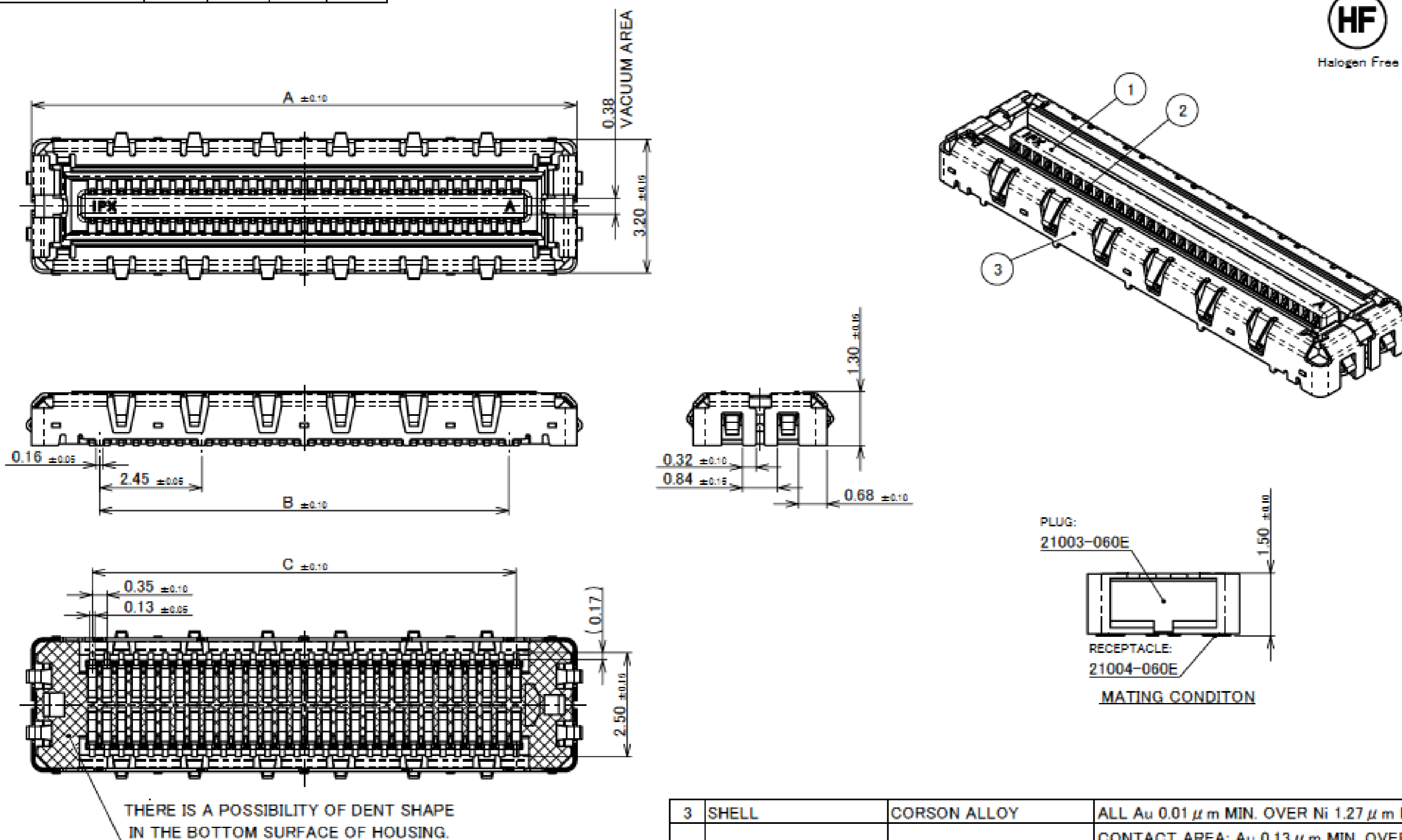
Plug Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	21004-060E
RATING VOLTAGE	60V AC (R.M.S.)/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT PIN)/ 12.0A AC/DC(TOTAL)
OPERATING TEMPERATURE	233~358K(-40°C~+85°C) (CONTANING TEMPERATURE RISE BY CURRENT)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 50mohm MAX. / AFTER TEST : Δ 50mohm MAX.
CONTACT RESISTANCE (FOR GROUND)	INITIAL : 20mohm MAX. / AFTER TEST : Δ 20mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL 60N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	20 CYCLES 6.0N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2785
TEST REPORT	TR-22021
PACKING STANDARD	PST-21086
INSTRUCTION MANUAL	HIM-21015
APPEARANCE CRITERIA No.	QLS-A***

Rev.1

Receptacle Assembly

Recommended P/N	21004-060E
PART No.	Pos. A B C
21004-060E	60 13.05 9.80 10.15

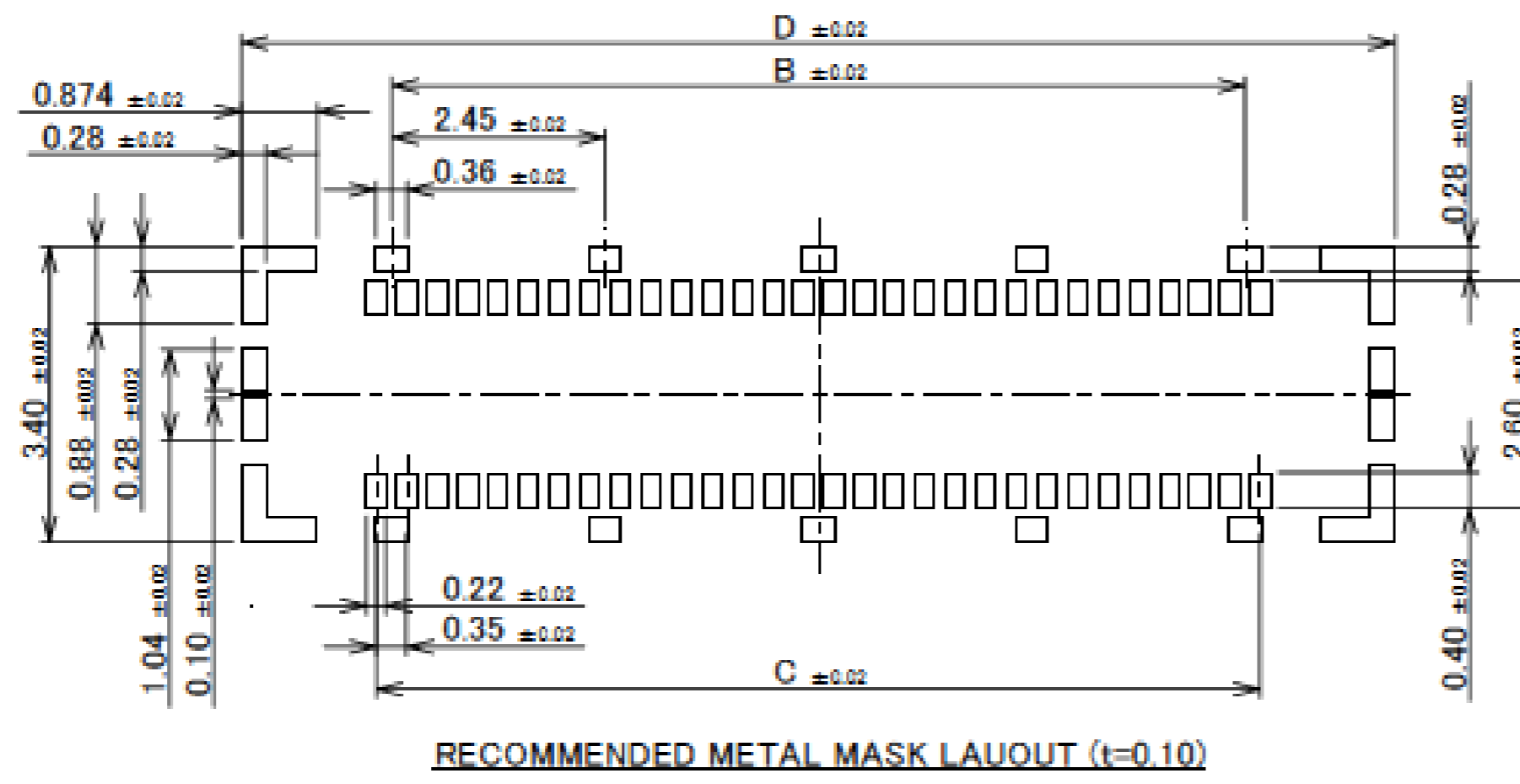
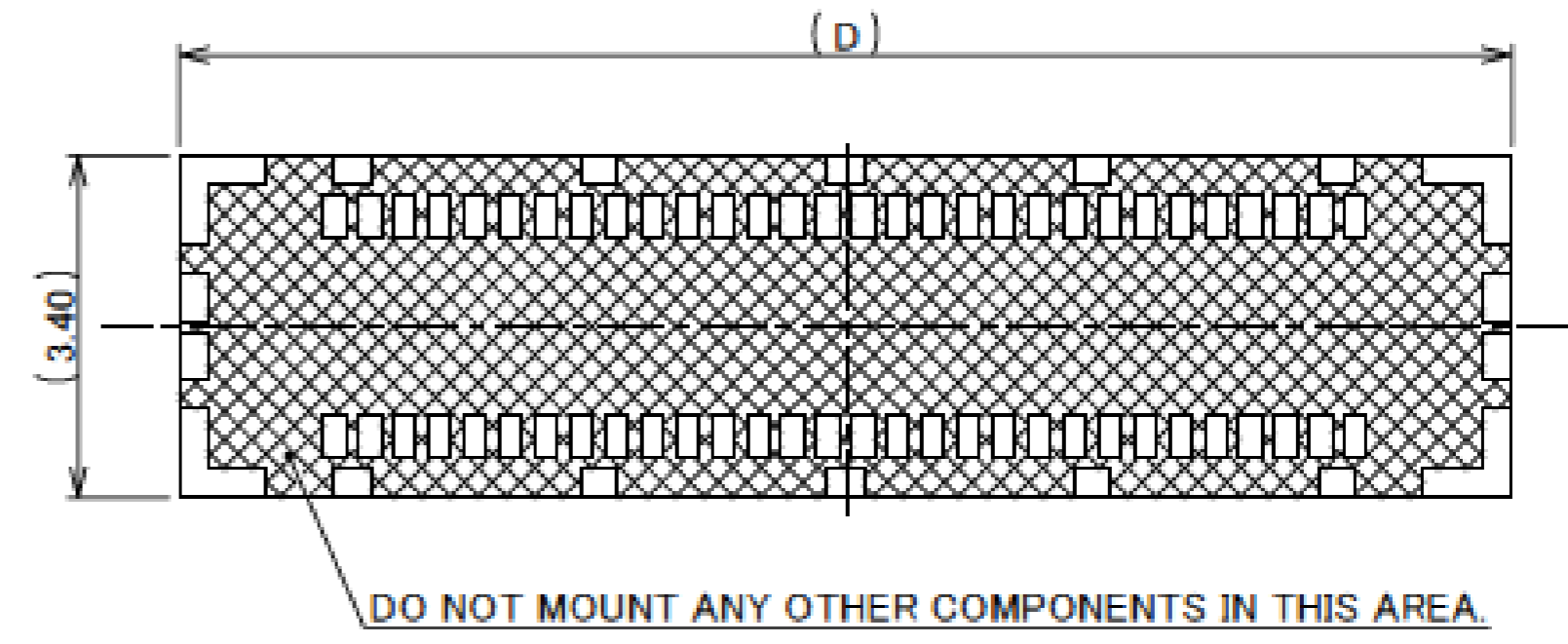
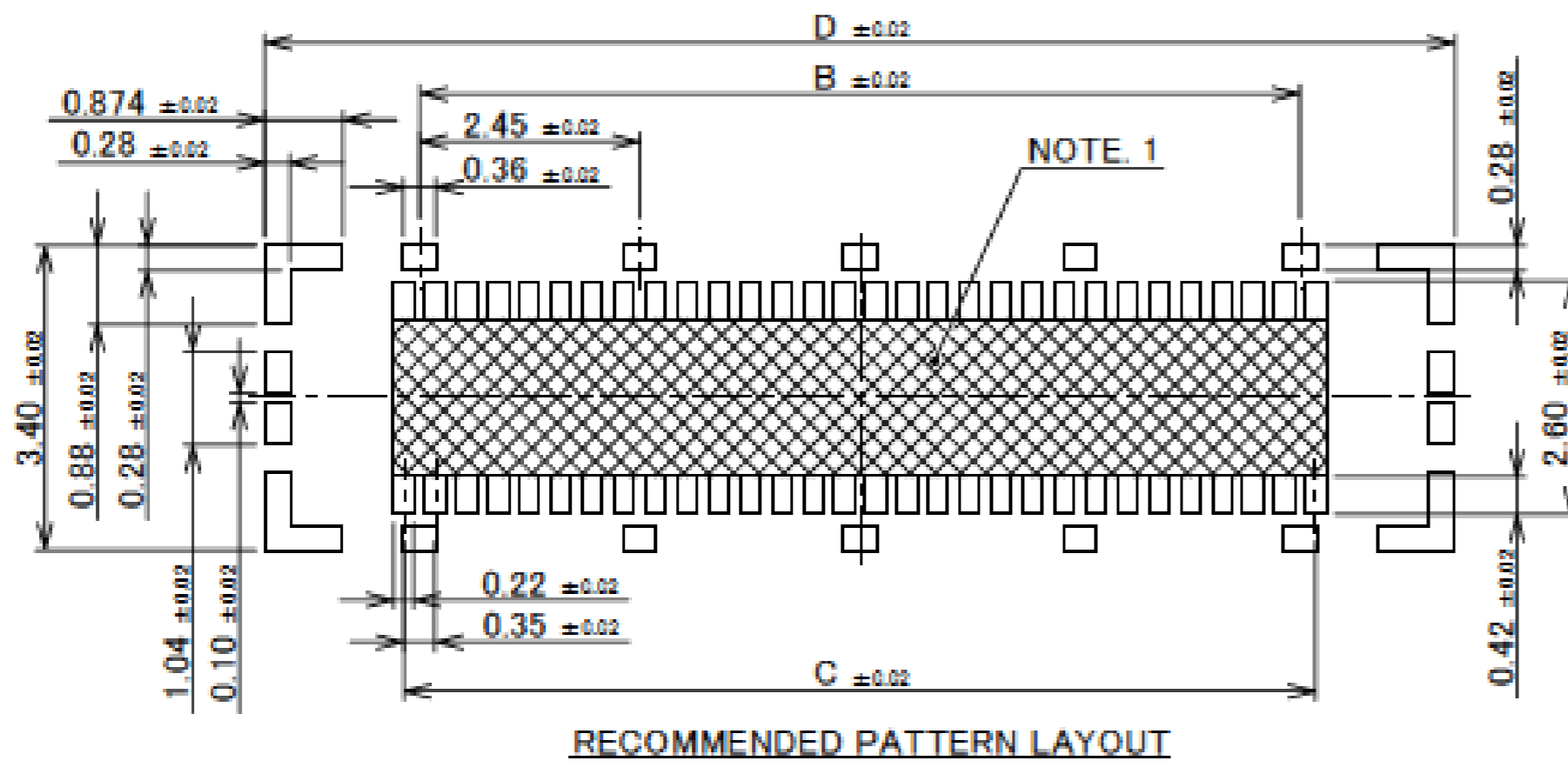


NO.	DESCRIPTION	MATERIAL	FINISH, REMAKS
3	SHELL	CORSON ALLOY	ALL Au 0.01 μ m MIN. OVER Ni 1.27 μ m MIN.
2	CONTACT	CORSON ALLOY	CONTACT AREA: Au 0.13 μ m MIN. OVER Ni 1.27 μ m MIN. SOLDERING AREA: Au 0.02 μ m MIN. OVER Ni 1.27 μ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

Rev.1

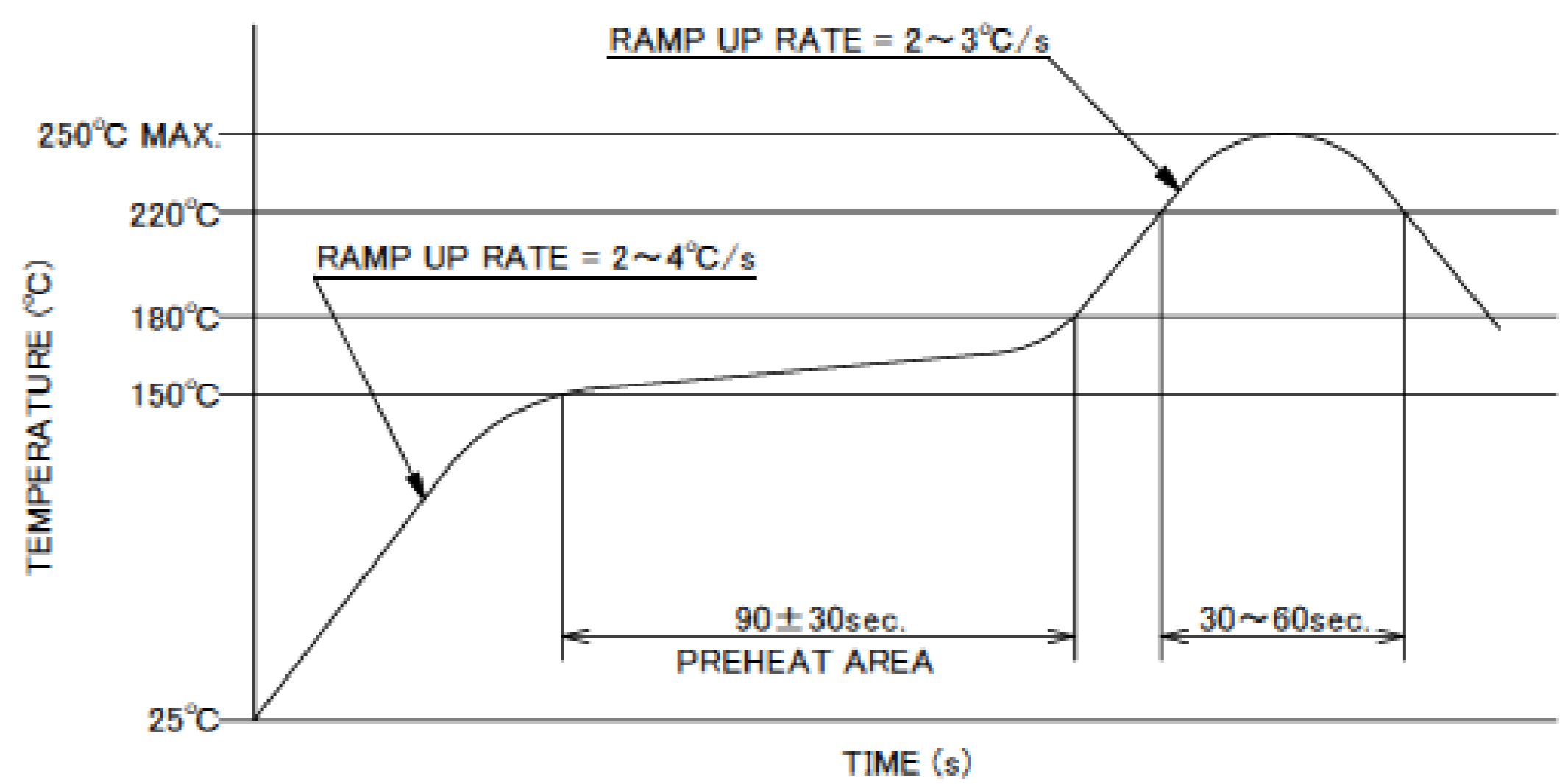
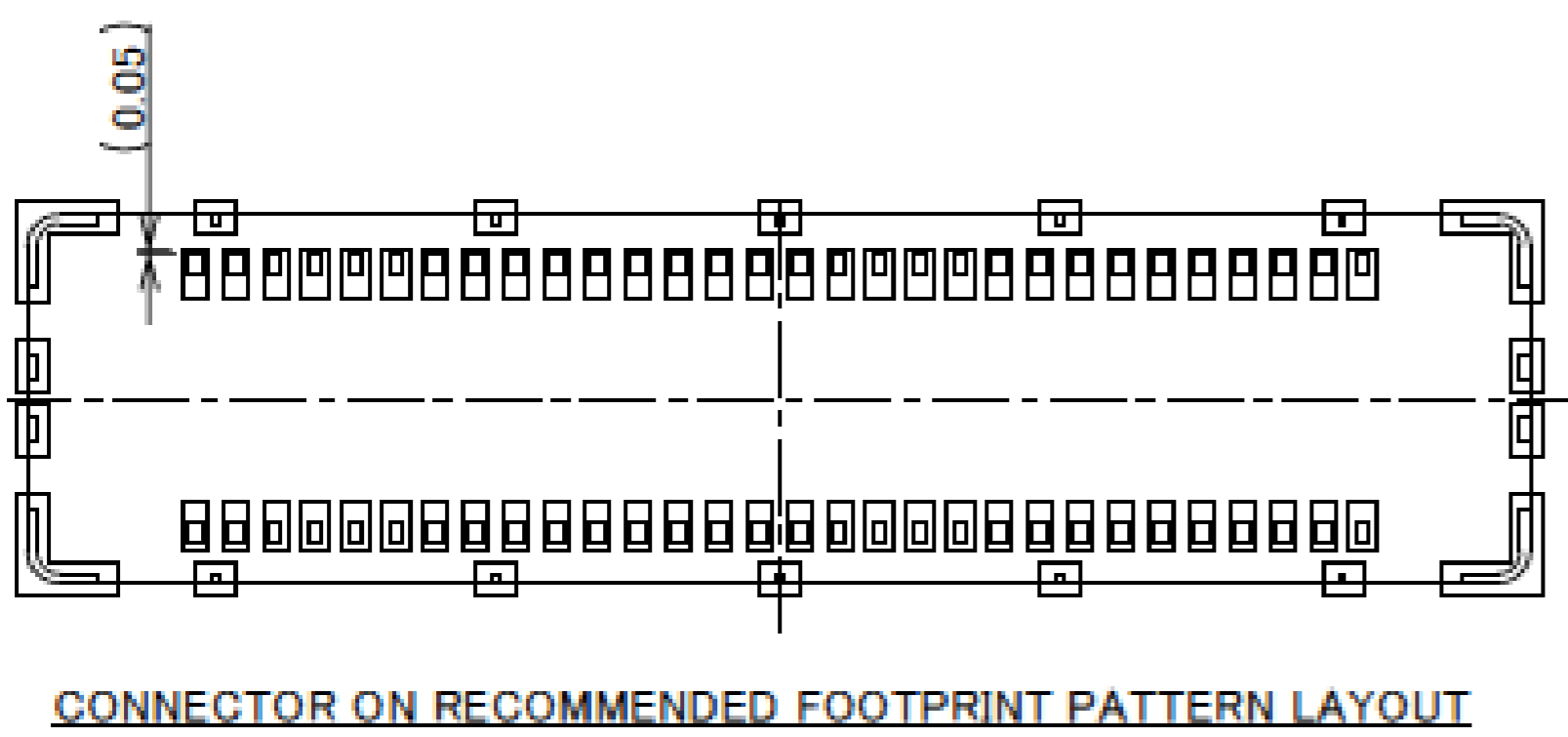
Receptacle Assembly

PART No.	Pos.	B	C	D
21004-060E	60	9.80	10.15	13.25



NOTES.
 1. FOOT PRINT PATTERN PROHIBITION AREA
 SOLDER RESIST MUST BE APPLIED TO THIS HATCHED AREA IF SURFACE TRACES ARE ROUNDED.

Rev.1



Receptacle Assembly

ITEMS	SPECIFICATION
APPLICABLE CONNECTOR PART No.	21003-060E
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OPERATING TEMPERATURE	233~358K(-40°C~+85°C) (CONTAINING TEMPERATURE RISE BY CURRENT)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 50mohm MAX. / AFTER TEST : Δ 50mohm MAX.
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DURABILITY	20 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	INITIAL 60N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	20 CYCLES 6.0N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-2785
TEST REPORT	TR-22021
PACKING STANDARD	PST-21087
INSTRUCTION MANUAL	HIM-21015
APPEARANCE CRITERIA No.	QLS-A***

Rev.1

Custom Connectors Available

 RF Connector

MHF® series



Micro-coaxial/Twinax/
Discrete Wire Connector



CABLINE® series



Optical Module

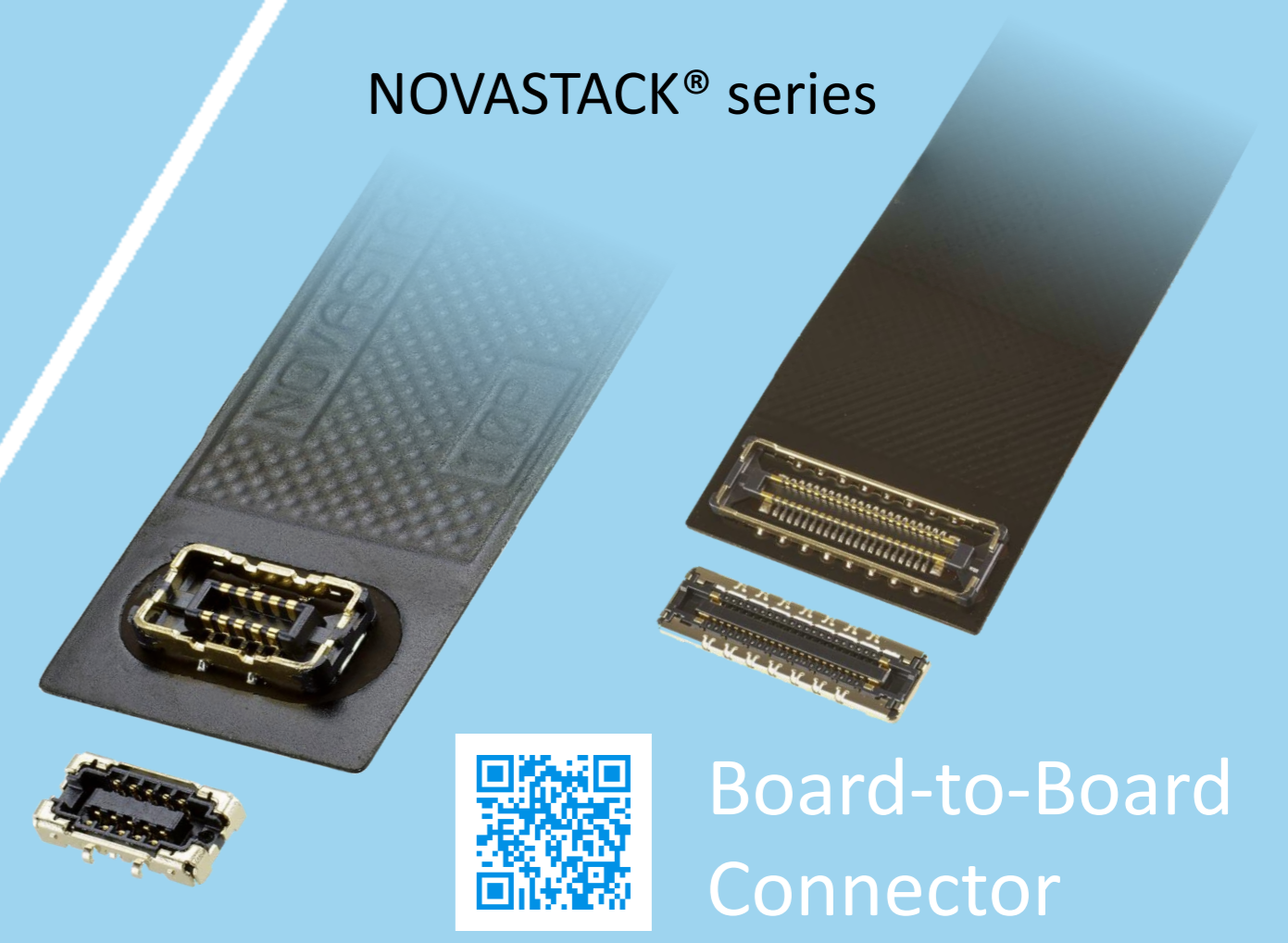
LIGHTPASS® series



NOVASTACK® series



Board-to-Board Connector



Power Connector/
Terminal

AP series

ISH® series



MINIFLEX® series

EVAFLEX® series



FPC FFC Connector



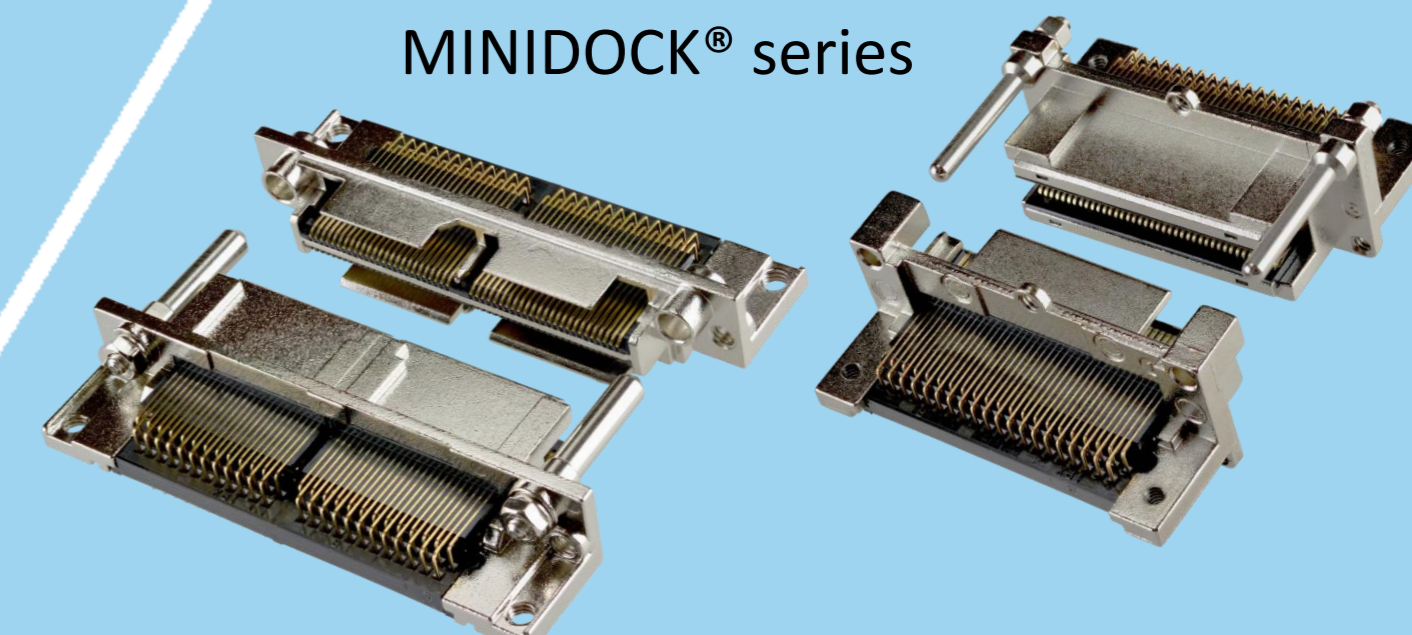
Inquiry



MINIDOCK® series



I/O Connector



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Contact your sales representative or more detailed information.

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