

MP-S

그라운드 접속 및 전원 접속용 리프 커넥터

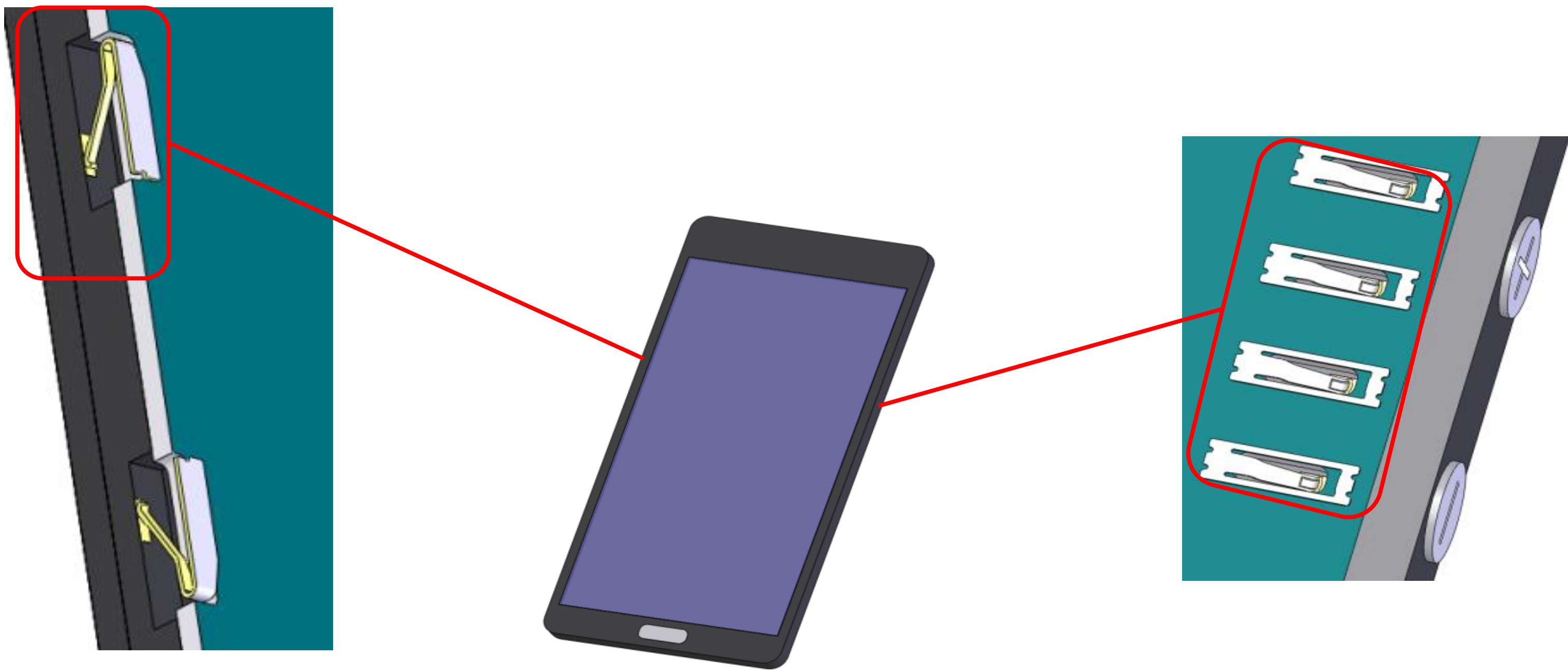


Product Specifications:

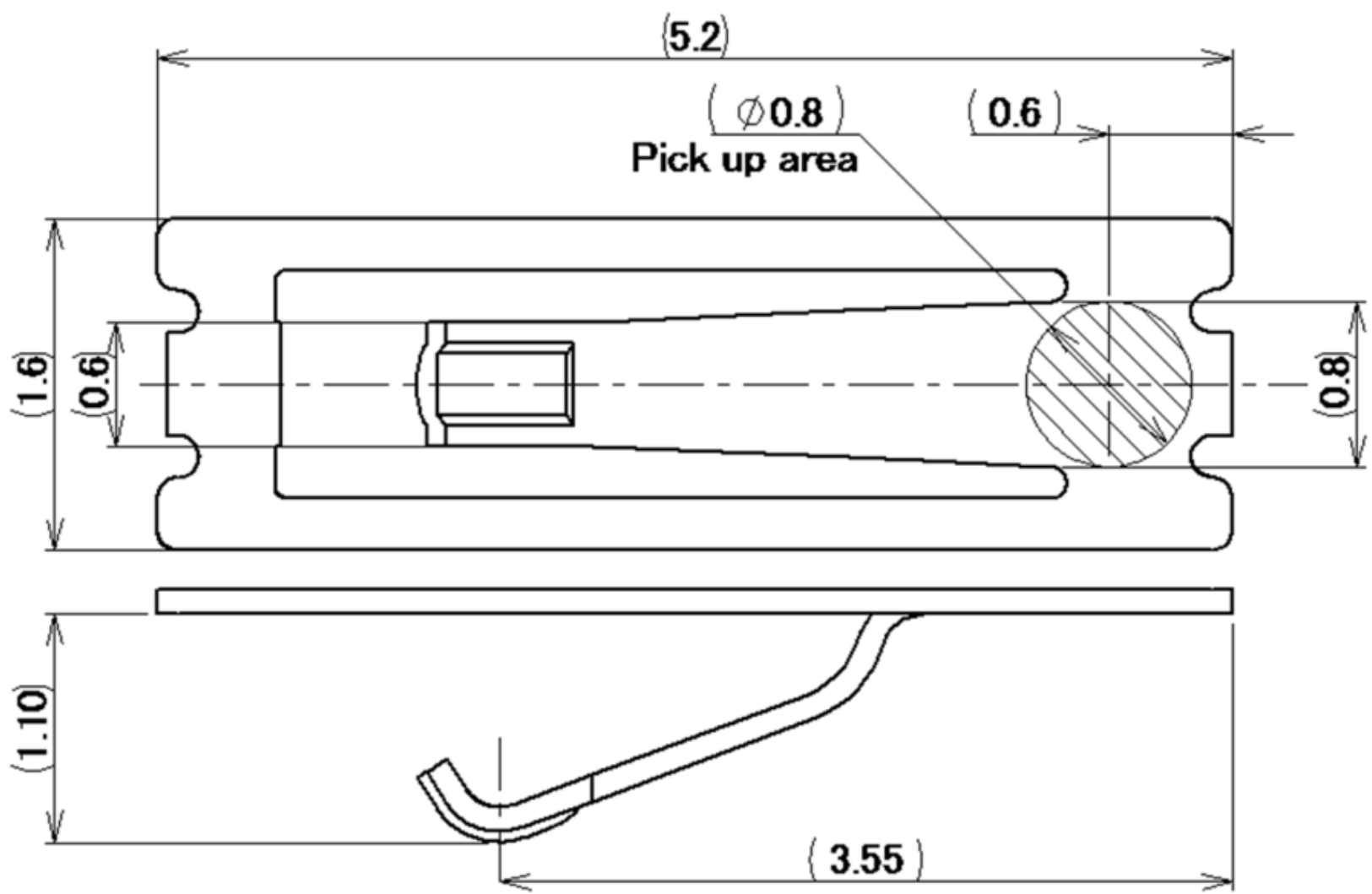
Rating Voltage	5v Ac (Per A Contact)
Operating Temperature	233~358 K (-40 °C ~ + 85 °C)
Operating Humidity	85 % Max. (Non-Condensing)
Durability	5 CYCLES
Contact Force	0.30 ~ 0.95 N (MP-S01)
Coplanarity	0.08 Max.

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

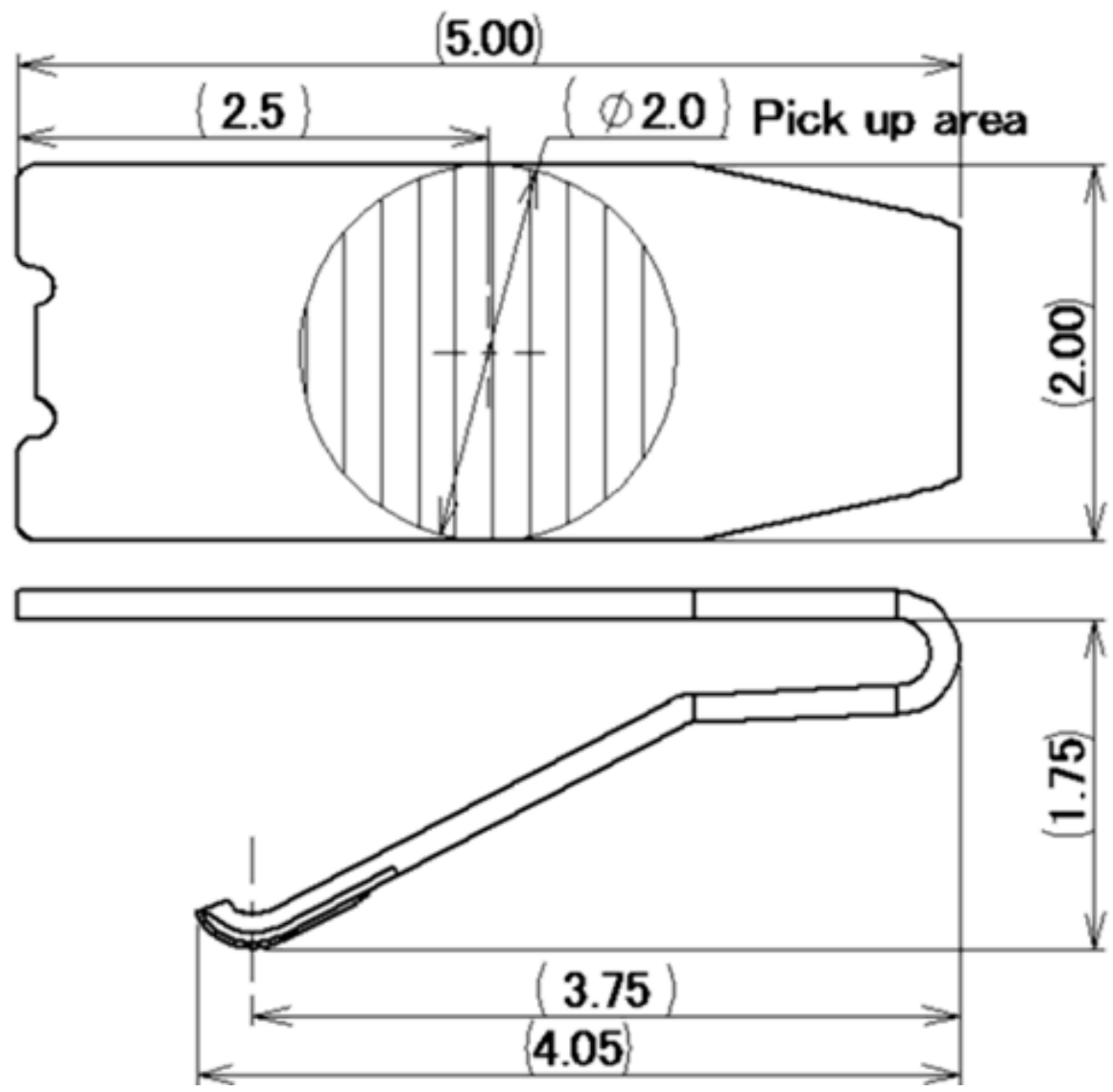
▶ 실장면 반대편으로부터 그라운드 및 전원 접속



▶ 작동 높이(PCB 두께 포함) :
0.65 mm - 0.95 mm(MP-S01), 0.85 mm - 1.25 mm(MP-S03)



MP-S01



MP-S03

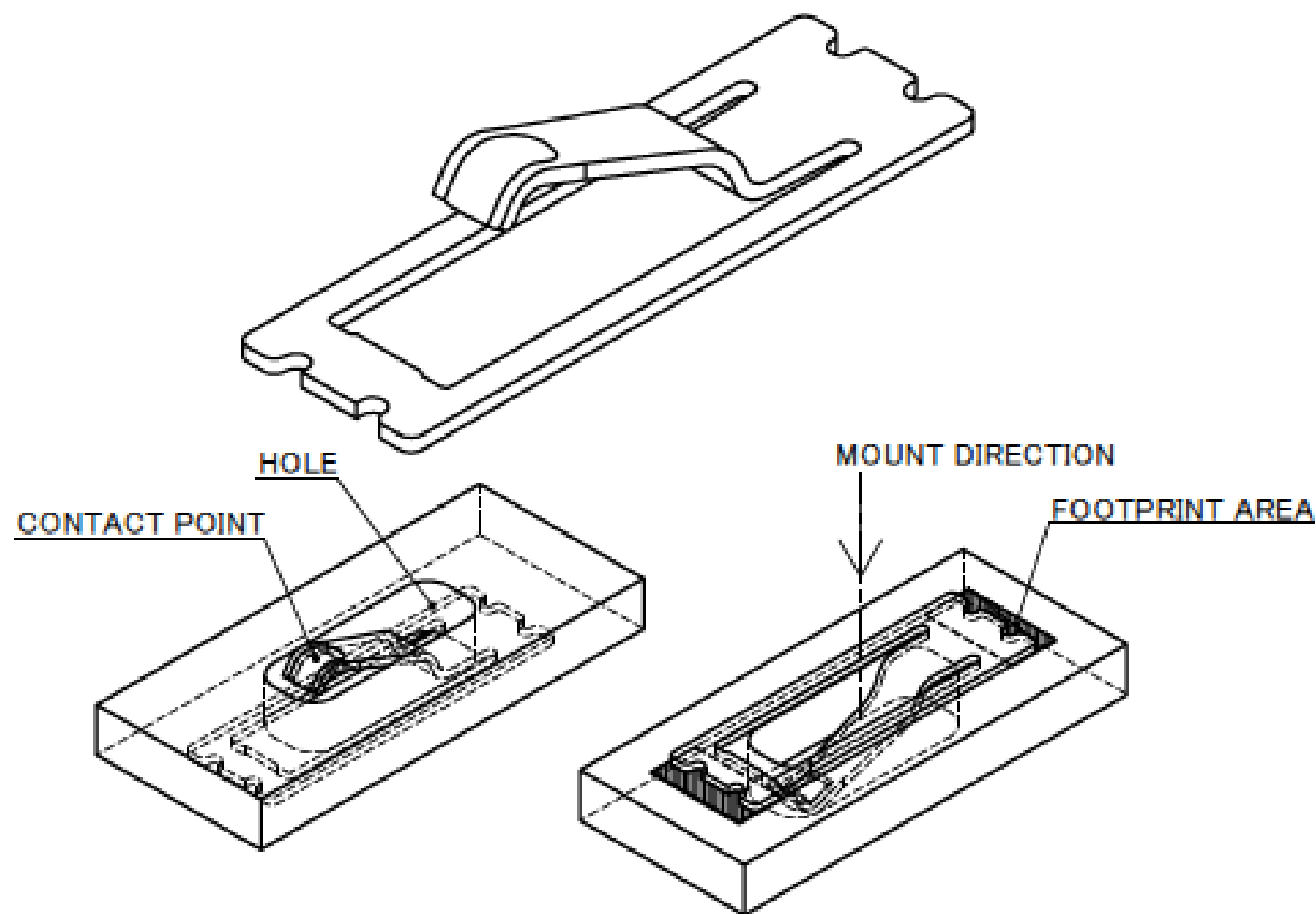
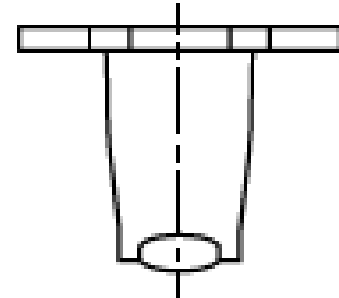
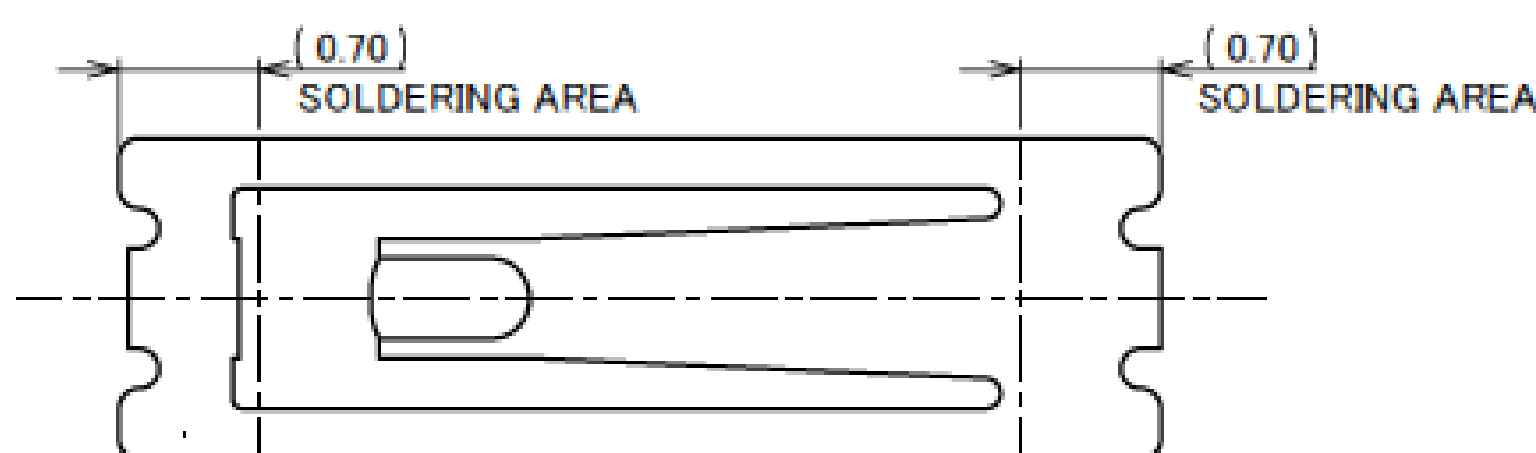
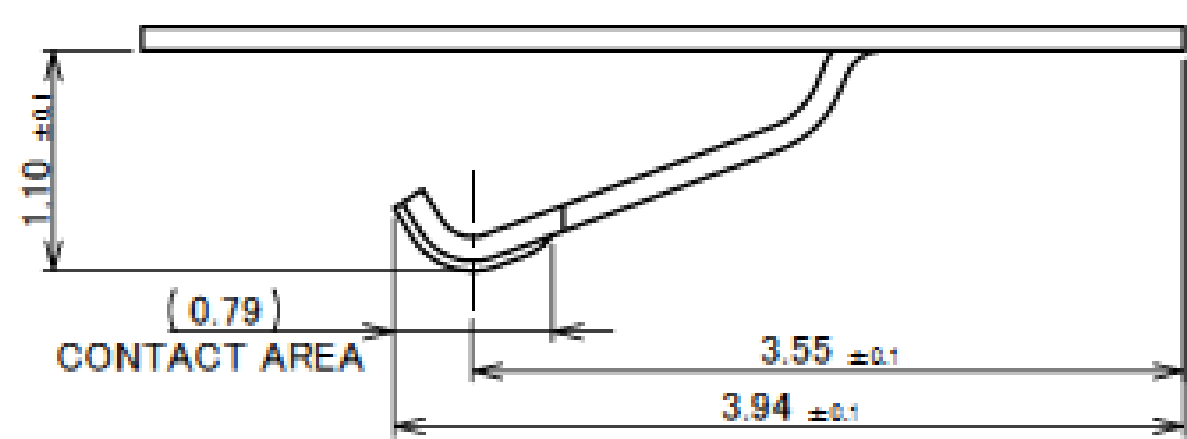
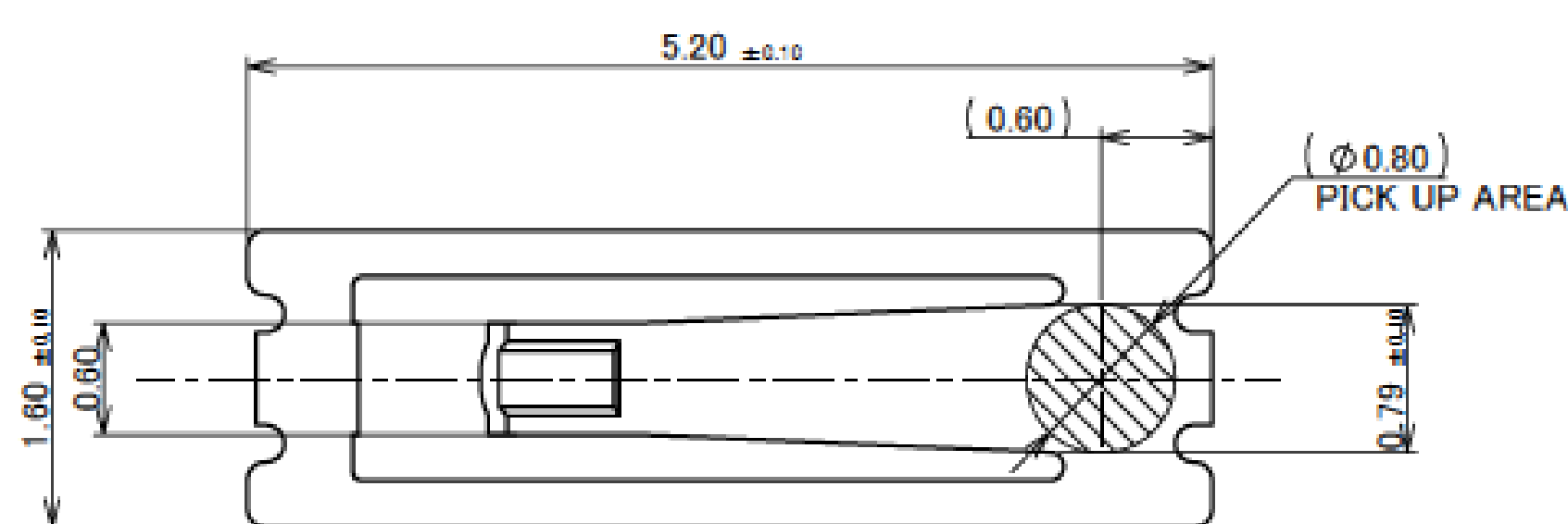
▶ 접압력 0.3 - 1.10 N

	MP-S01	MP-S03
항목		
접촉력	0.3 N - 0.95 N	0.3 N - 1.10 N

Component Parts Details

MP-S01

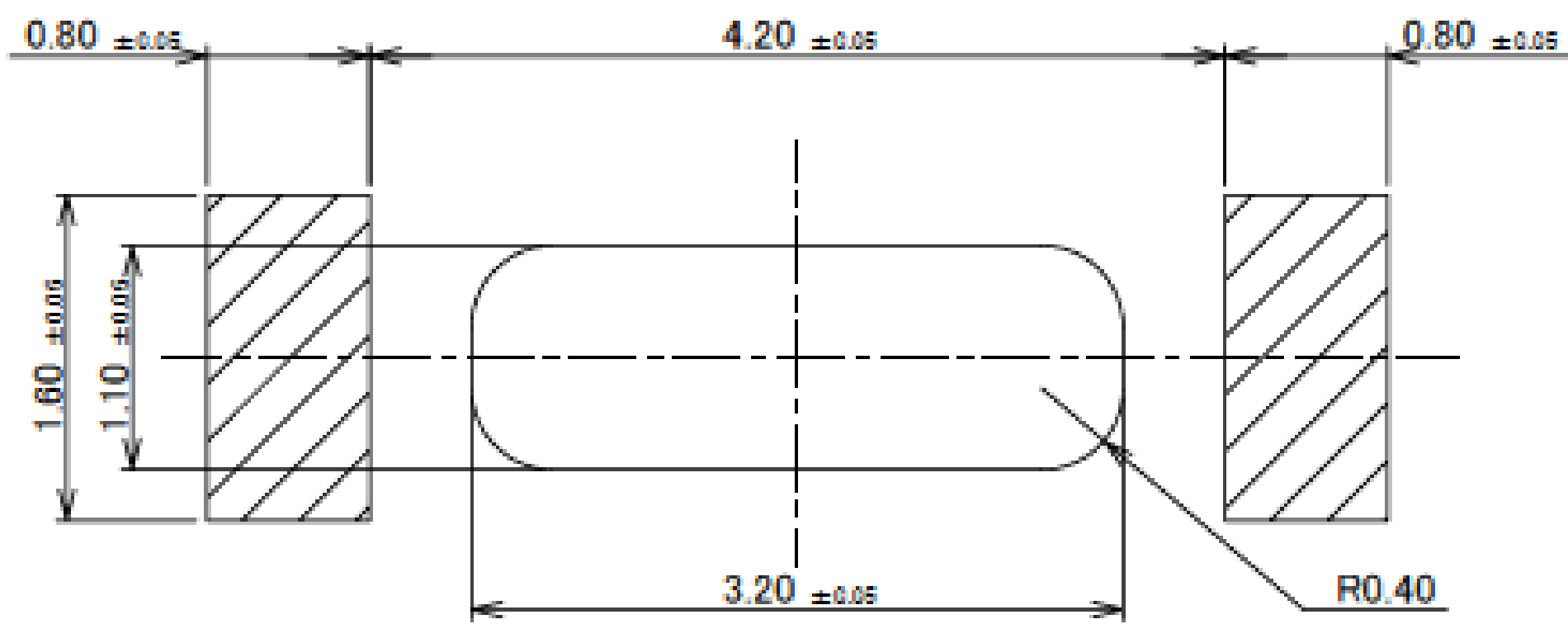
Recommended P/N	3110-0001
PART NO.	
3110-0001	



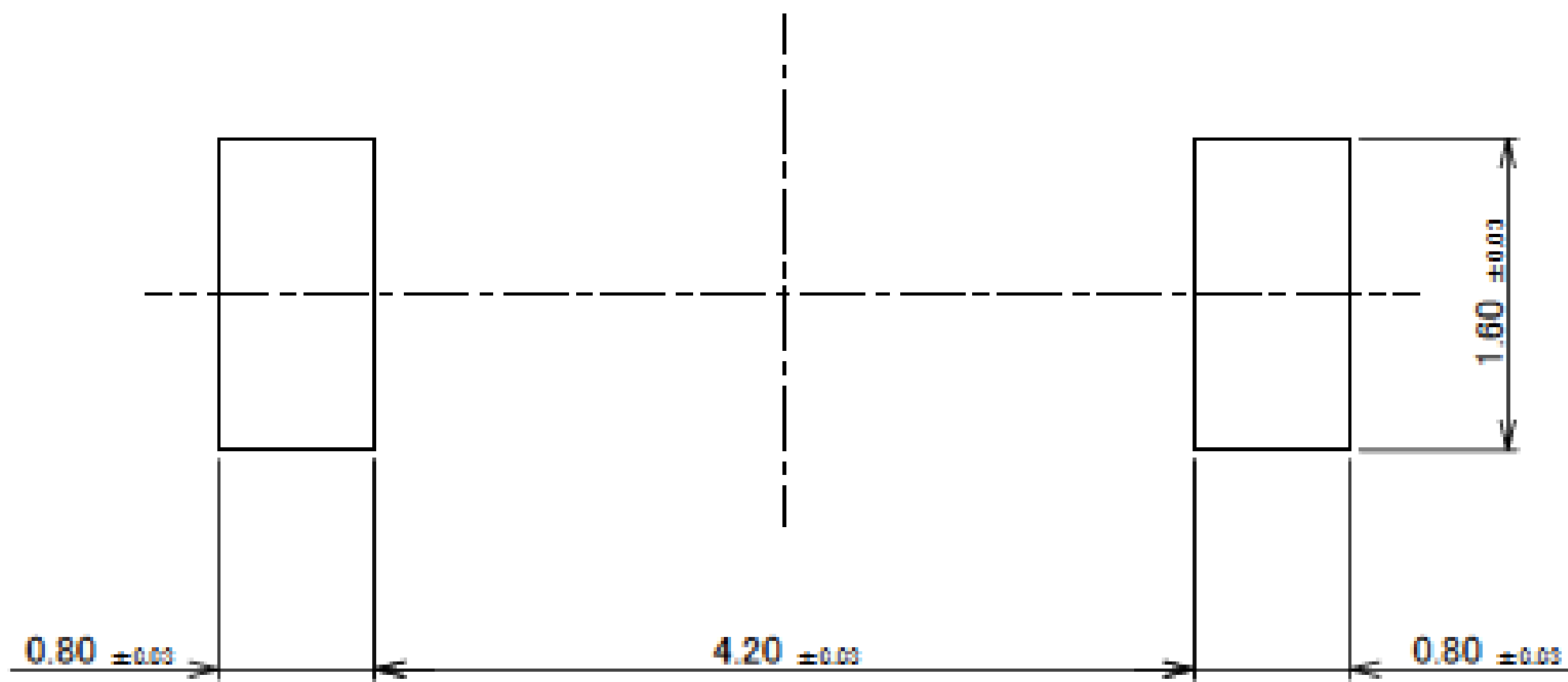
1	CONNECTOR	PHOSPHOR BRONZE T=0.12mm	UNDER PLATE Ni 1.27 μ m MIN. CONTACT AREA Au 0.1 μ m MIN.
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

NOTES.
1.WORKING HEIGHT=0.75±0.10
2.BOARD THICKNESS=0.85 MAX.

MP-S01

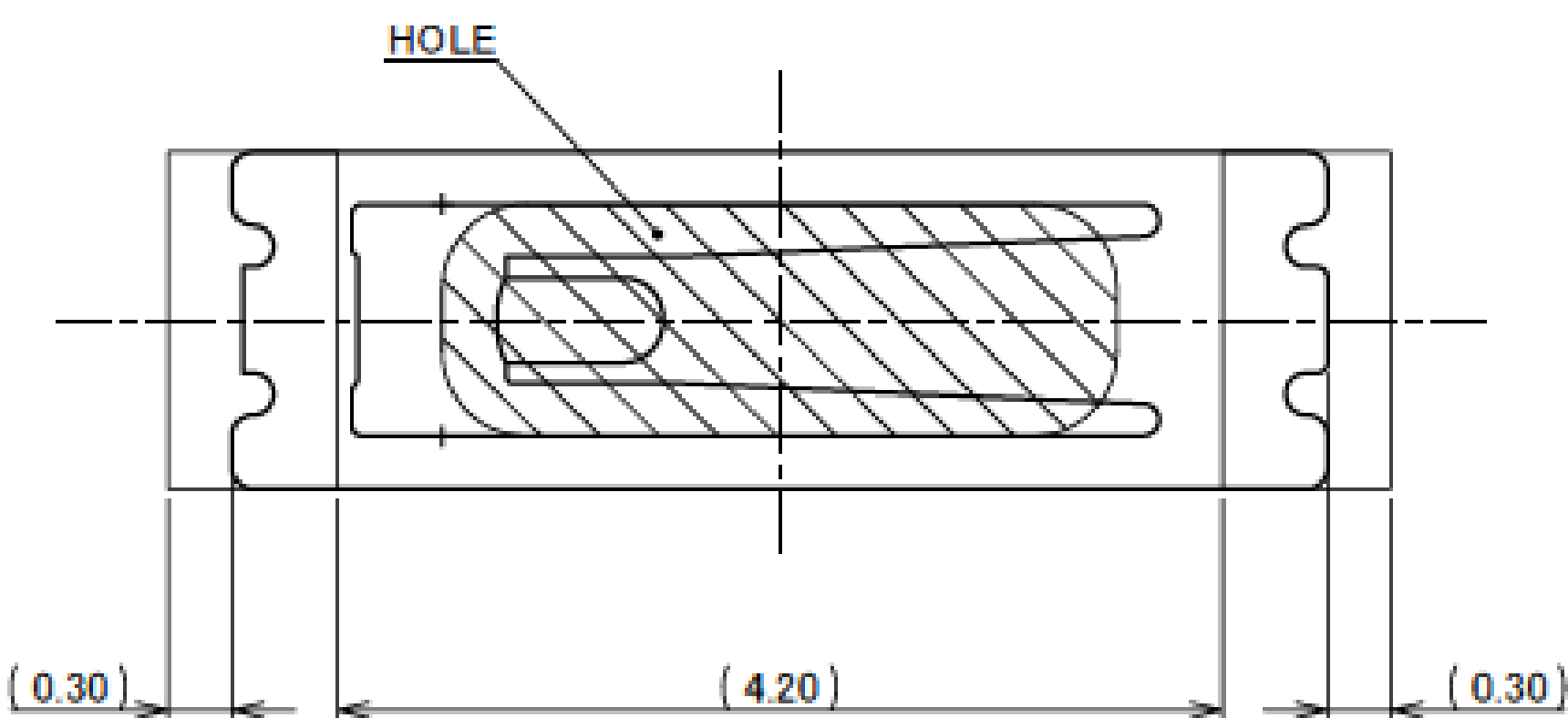


RECOMMENDED FOOTPRINT PATTERN LAYOUT

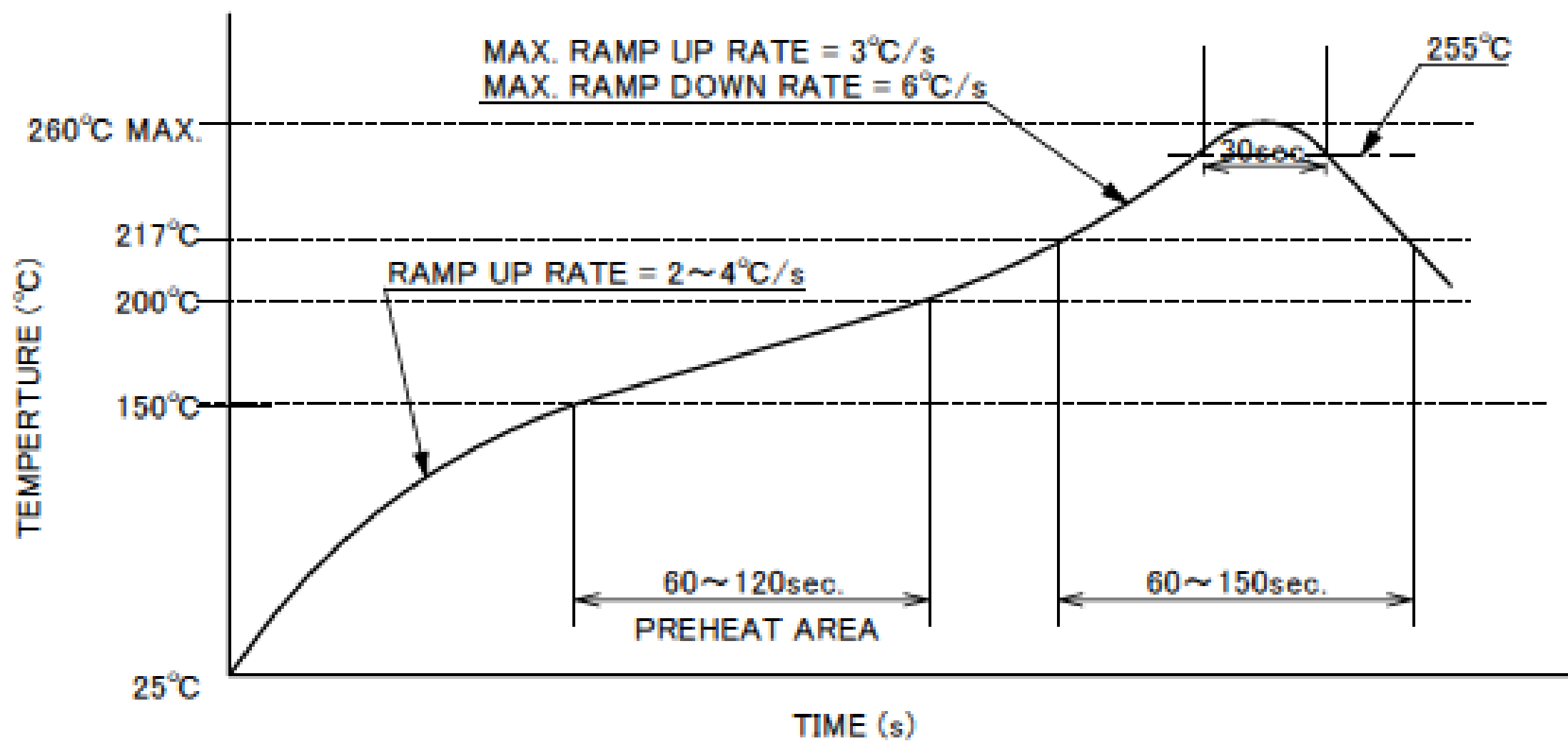


RECOMMENDED METAL MASK LAYOUT
METAL MASK THICKNESS : T=0.10mm

Rev.5



CONECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

Rev.5

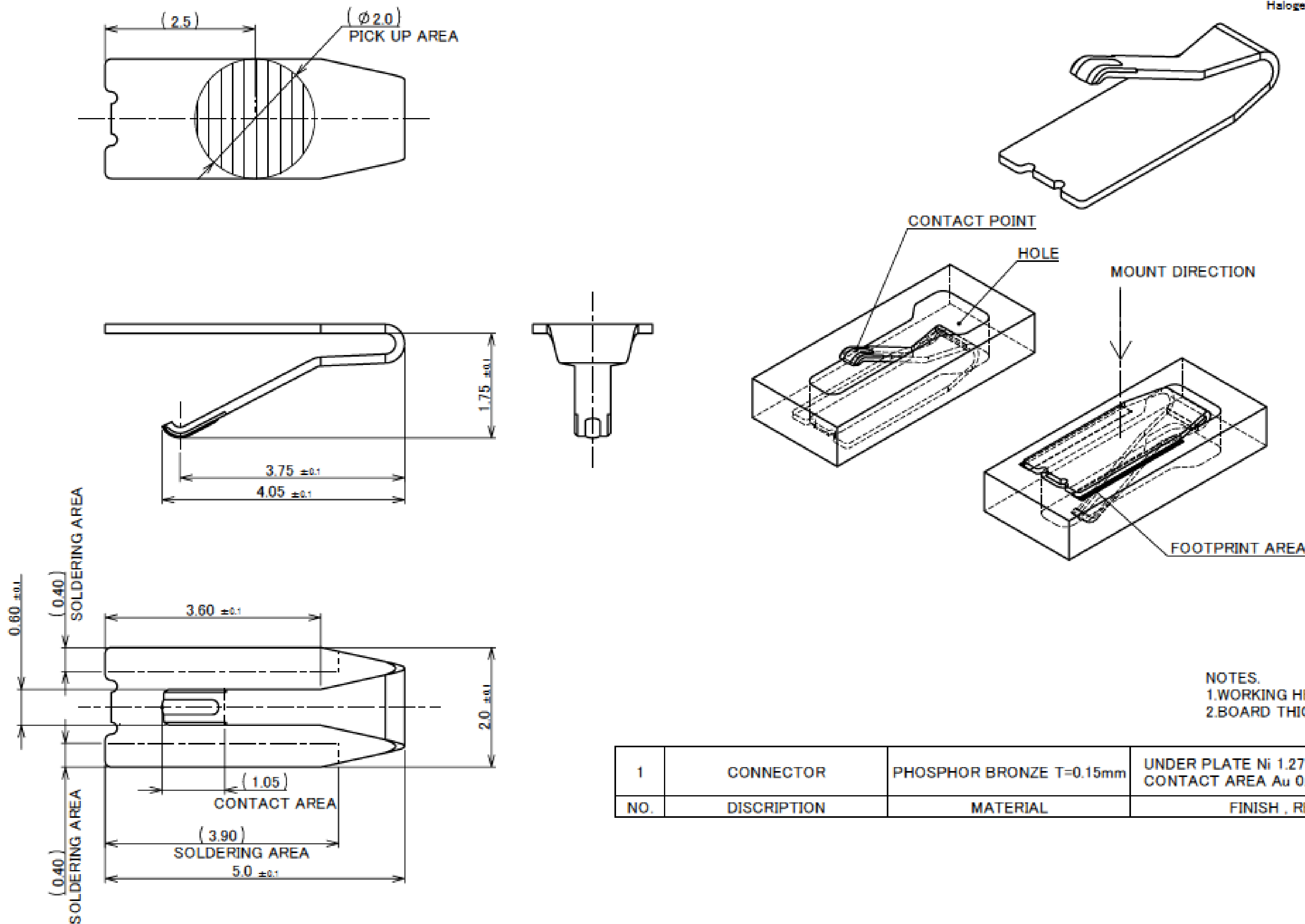
MP-S01

ITEMS	SPECIFICATION
RATING VOLTAGE	5 V AC (PER A CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.7 A AC (PER A CONTACT)
OPERARING TEMPERATURE	248~358K(-40℃~85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 25 mohm MAX. / AFTER TEST : 25 mohm MAX.
DURABILITY	10 CYCLES
CONTACT FORCE	0.30~0.95 N
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2227
TEST REPORT	TR-16040
PACKING STANDARD	PST-18050
APPEARANCE CRITERIA No.	QLS-A***

Rev.5

MP-S03

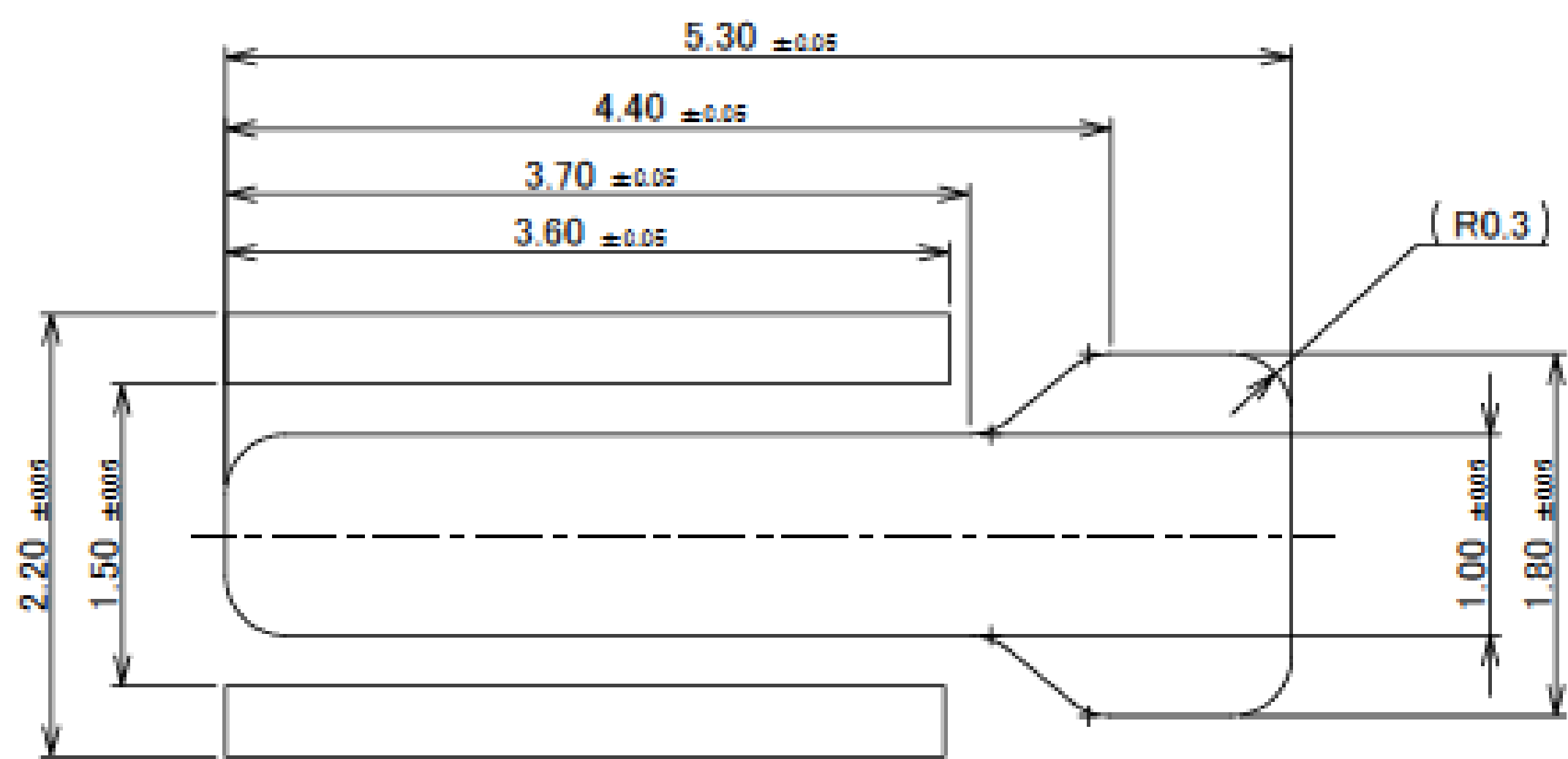
Recommended P/N	3112-0001
PART NO.	
3112-0001	



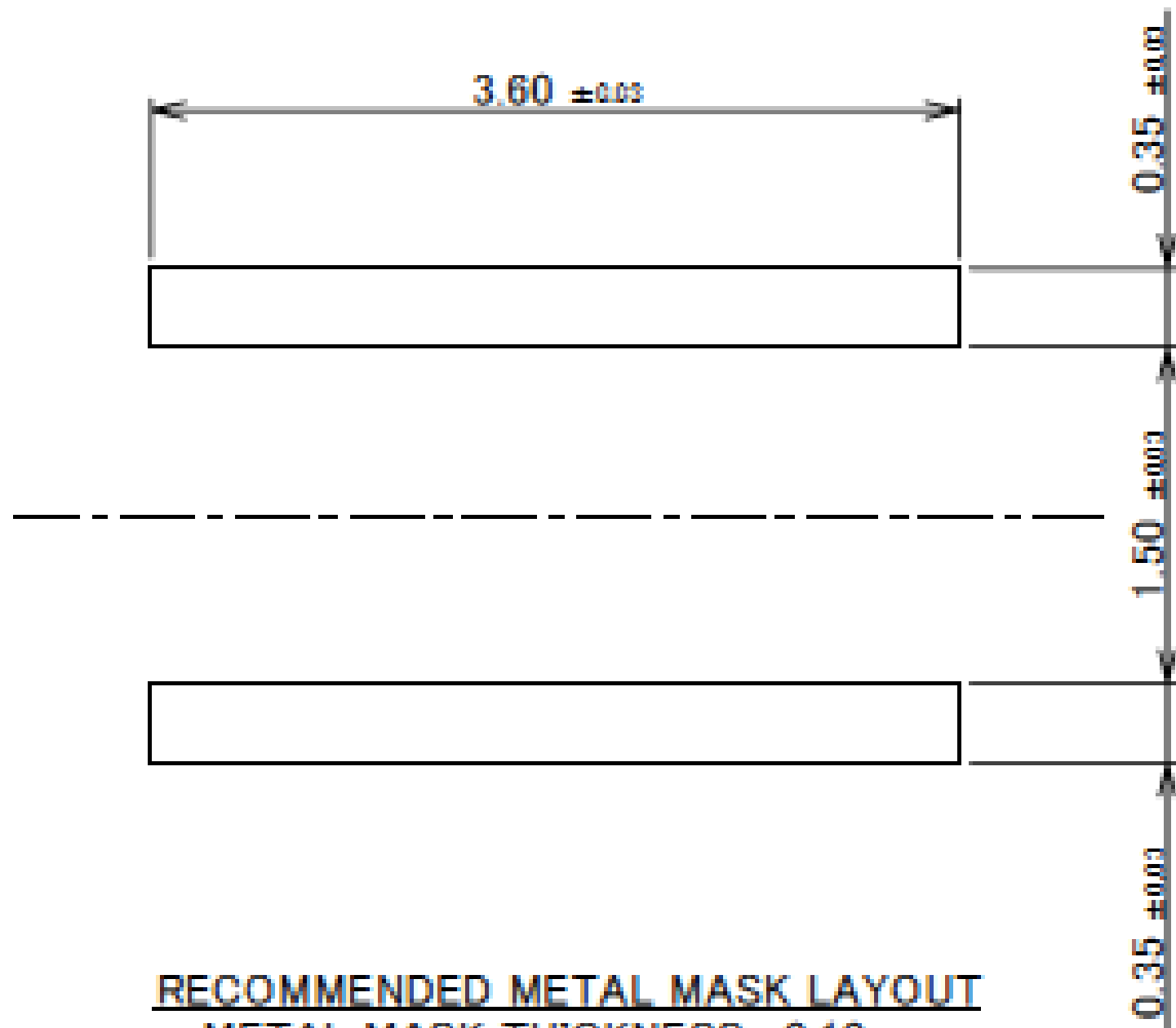
1	CONNECTOR	PHOSPHOR BRONZE T=0.15mm	UNDER PLATE Ni 1.27 μ m MIN. CONTACT AREA Au 0.1 μ m MIN.
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Rev.5

MP-S03

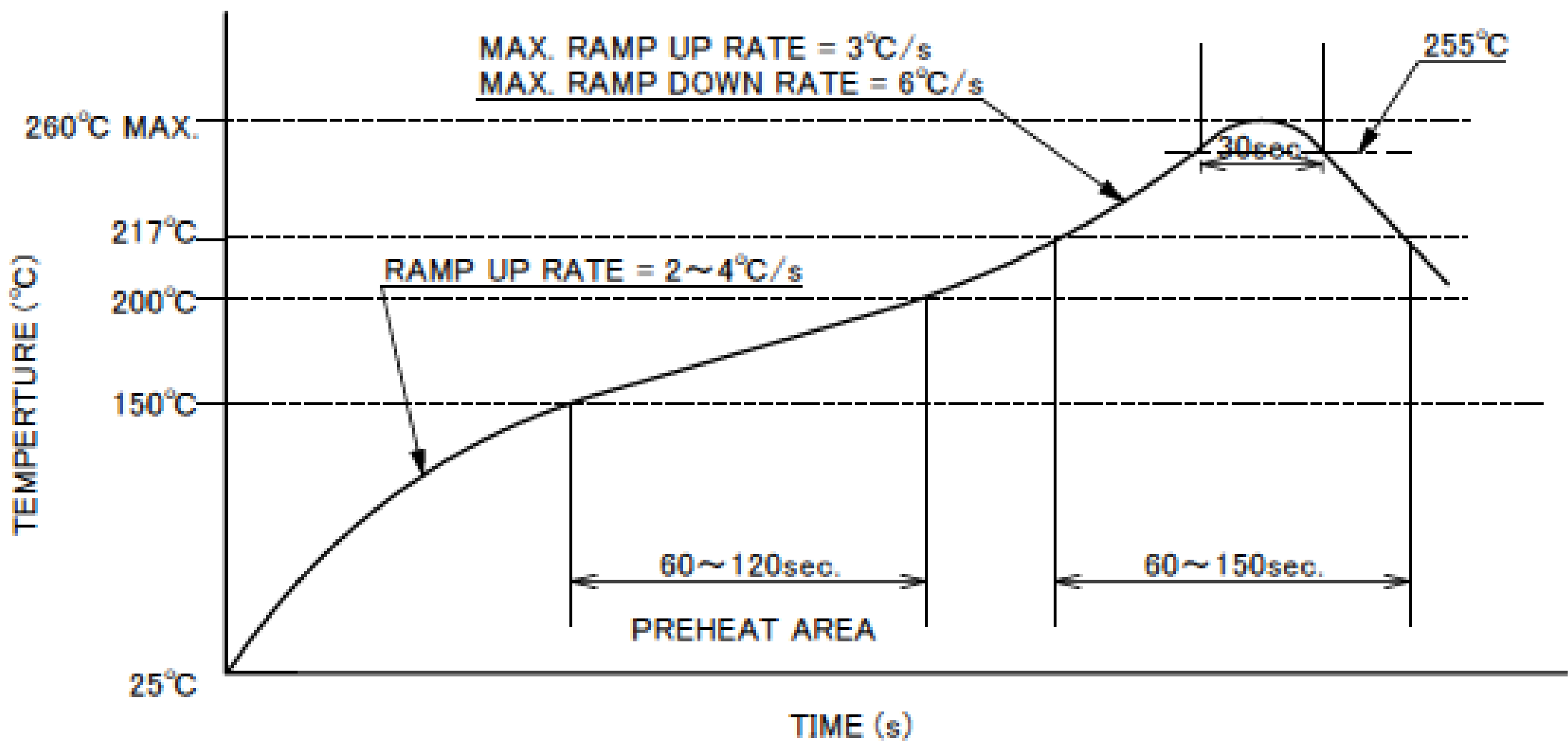
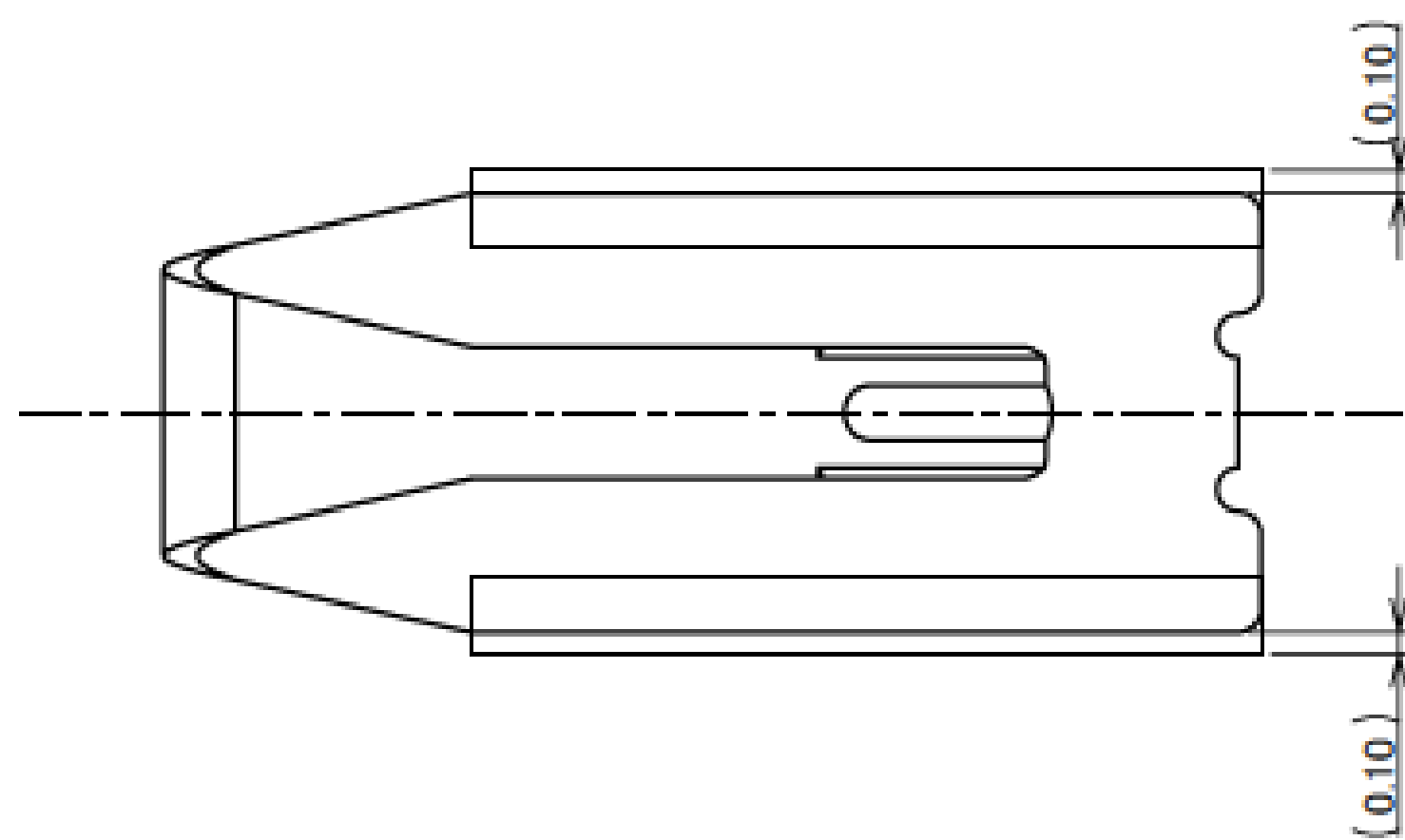


RECOMMENDED FOOTPRINT PATTERN LAYOUT



RECOMMENDED METAL MASK LAYOUT
METAL MASK THICKNESS : 0.10mm

Rev.5



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

Rev.5

MP-S03

ITEMS	SPECIFICATION
RATING VOLTAGE	5 V AC (PER A CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	3 A AC (PER A CONTACT)
OPERARING TEMPERATURE	248~358K(-40℃~85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 70 mohm MAX. / AFTER TEST : 70 mohm MAX.
DURABILITY	10 CYCLES
CONTACT FORCE	0.30~1.10 N
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2228
TEST REPORT	TR-16041
PACKING STANDARD	PST-18051
APPEARANCE CRITERIA No.	QLS-A***

Rev.5

Board to
Board



High-Density



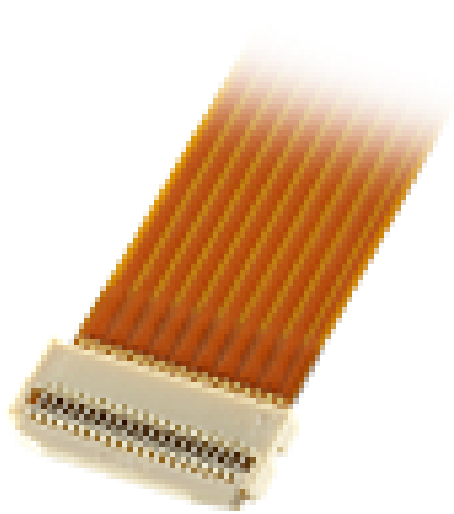
Autolocking
FPC/FFC



High-Density



FPC/FFC



Micro-Coaxial
/ Discrete Cable



High-Speed



RF



High-Frequency



Optical
Module



High-Speed



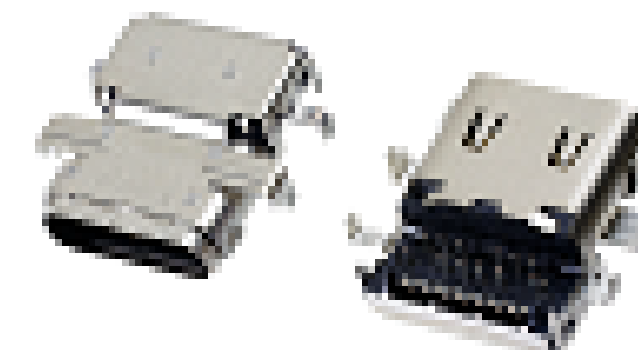
Power



High-Power



I/O
(Input/Output)



Quick charge



Effector



Custom
Connectors
Available

Inquiry



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