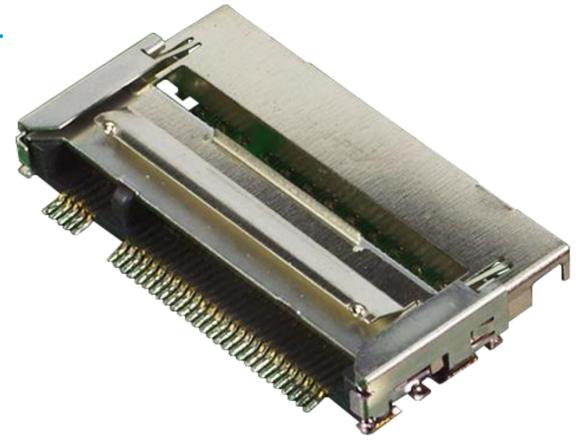


# SX-M2

屏蔽型 M.2 连接器 (Key B)  
符合 M.2 规范

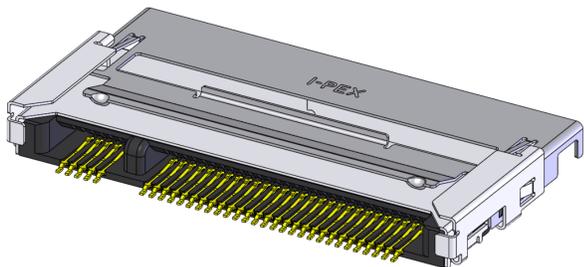
## Product Specifications:

Pin Count	67 pin
Contact Pitch	0.5 mm
Current Rating	0.5 A AC/DC (per contact)
Voltage Rating	35 V AC (per contact)
Contact Resistance	55 mΩ max.
Operating Temperature	233 to 353 K (-40 to 85 °C)



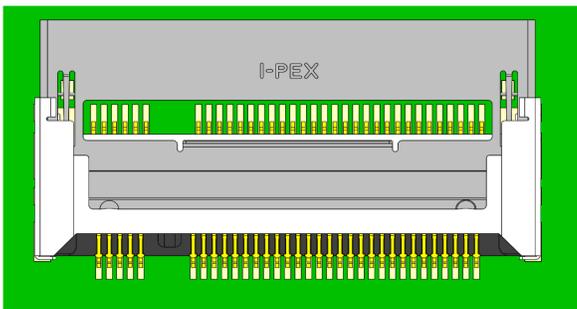
## ▶ M.2连接器采用增强型屏蔽结构，实现卓越的EMI抑制性能

减少连接器周围的噪声泄漏

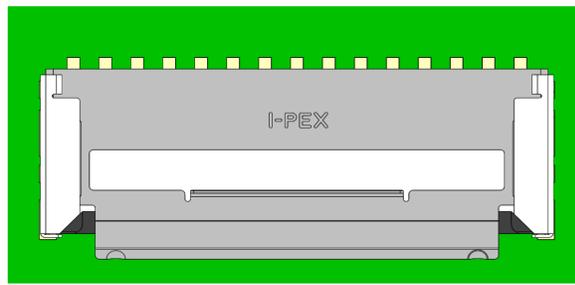


	M.2 连接器	SX-M2
仿真模型		
仿真结果		
	EMI泄漏	无EMI泄漏

## ▶ 端子安装区域可进行目视检查

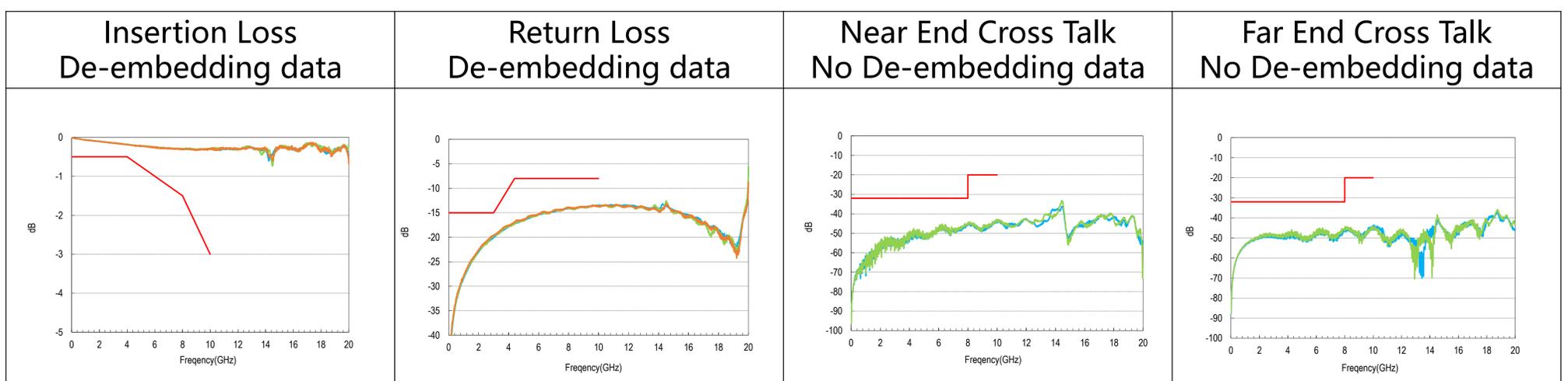


打开钢琴盖时，可看到端子并进行检查



关闭钢琴盖后，端子被遮蔽，并提供EMI防护

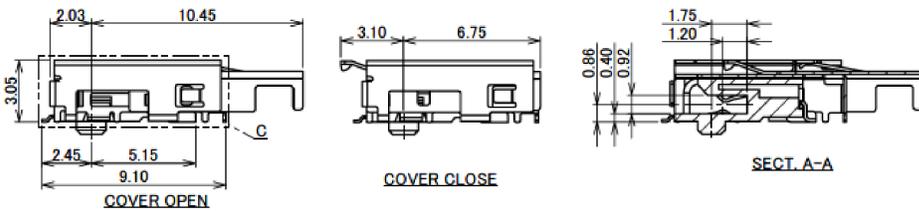
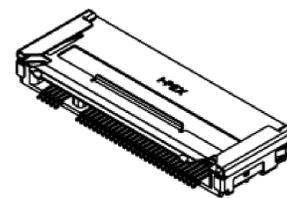
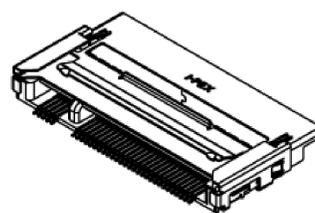
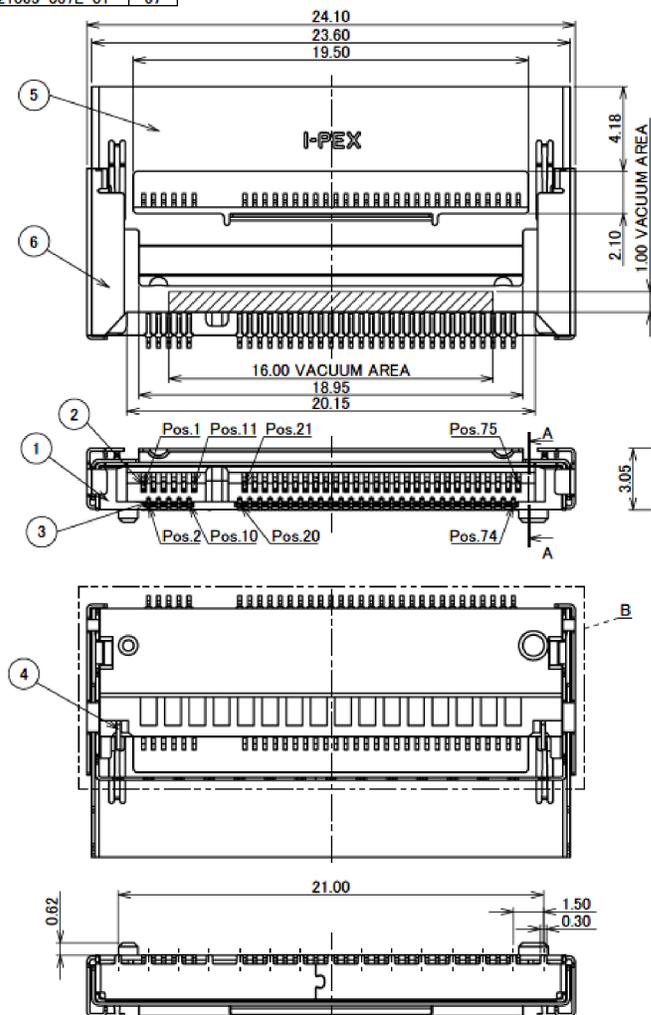
## ▶ 符合 M.2 规范的信号完整性表现



# Component Parts Details

## SX-M2

RECOMMENDED PART No.	21065-067E-01
PART NO.	Pos.
21065-067E-01	67

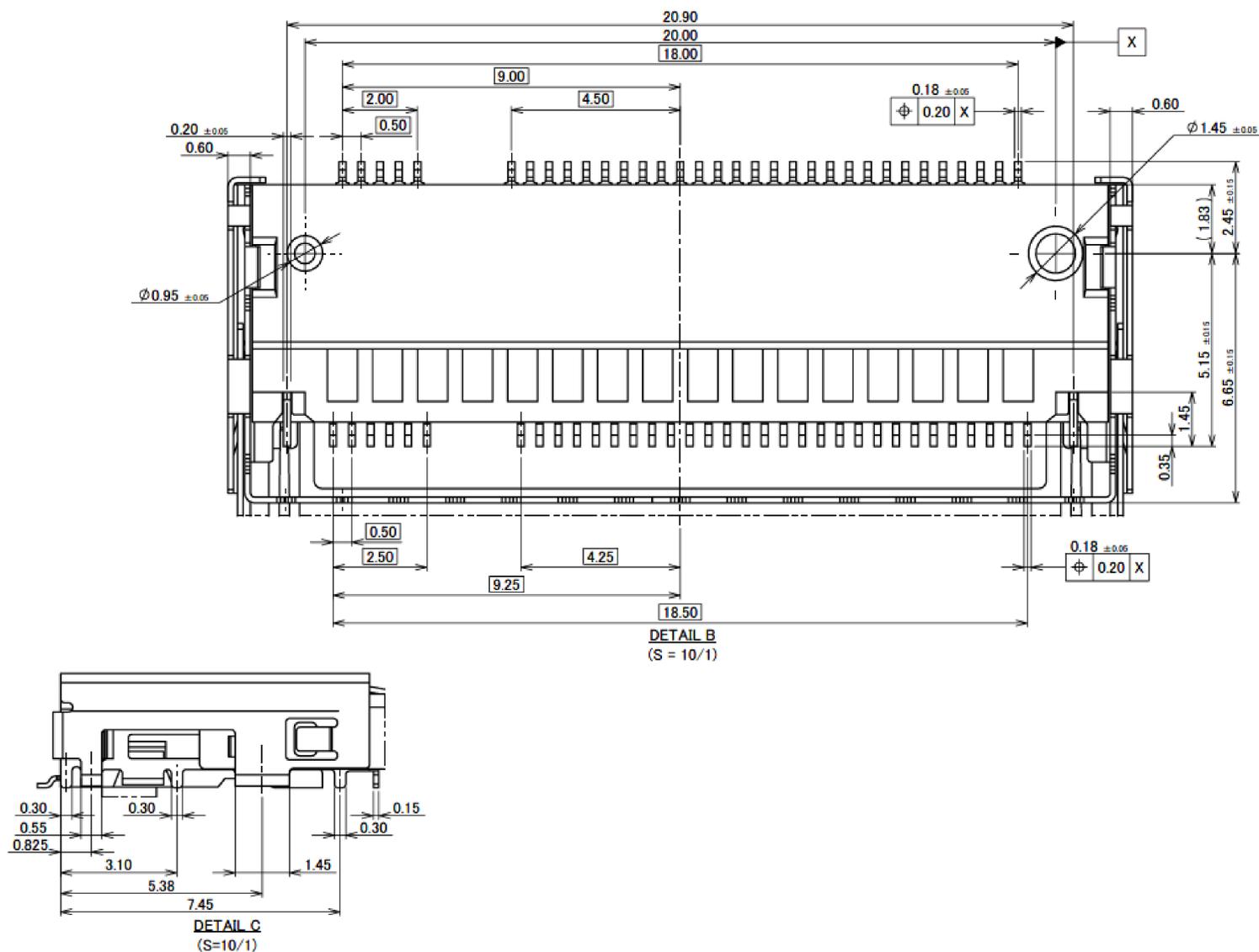


NO.	DESCRIPTION	MATERIAL	FINISH, REMARKS
6	SHIELD SHELL	SUS	Matt Sn 1.00 $\mu$ m MIN. OVER Ni 1.27 $\mu$ m MIN. (NO POLISH)
5	SLIDE COVER	SUS	-
4	HOLD DOWN	SUS	Matt Sn 1.52 $\mu$ m MIN. OVER Ni 1.27 $\mu$ m MIN. (NO POLISH)
3	LOWER CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.254 $\mu$ m MIN. SOLDERING AREA : Au FLASH OTHER : Ni 1.27 $\mu$ m MIN.
2	UPPER CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.254 $\mu$ m MIN. SOLDERING AREA : Au FLASH OTHER : Ni 1.27 $\mu$ m MIN.
1	HOUSING	LCP	UL94V-0, BLACK

# SX-M2

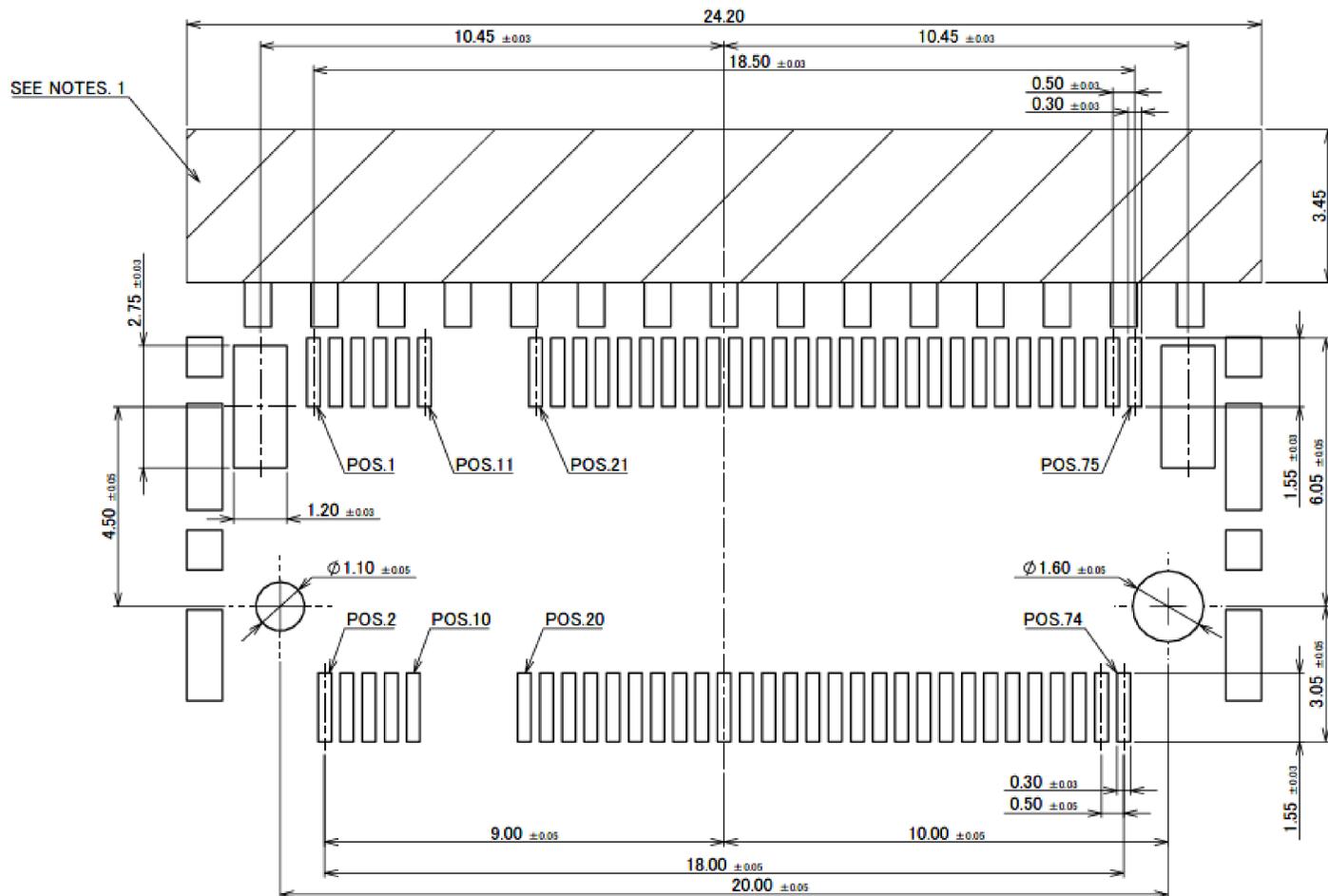
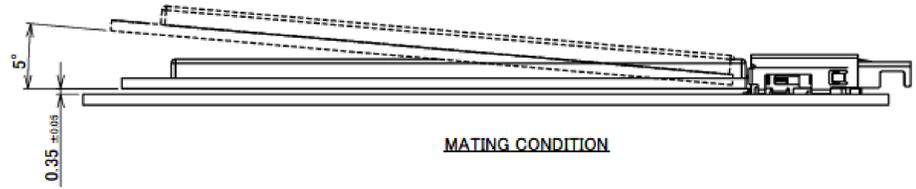
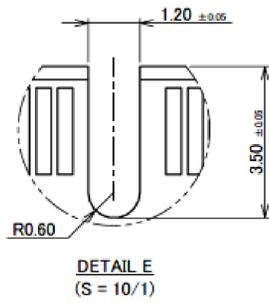
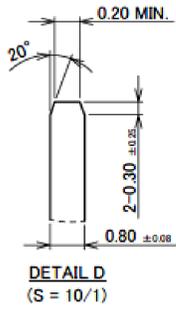
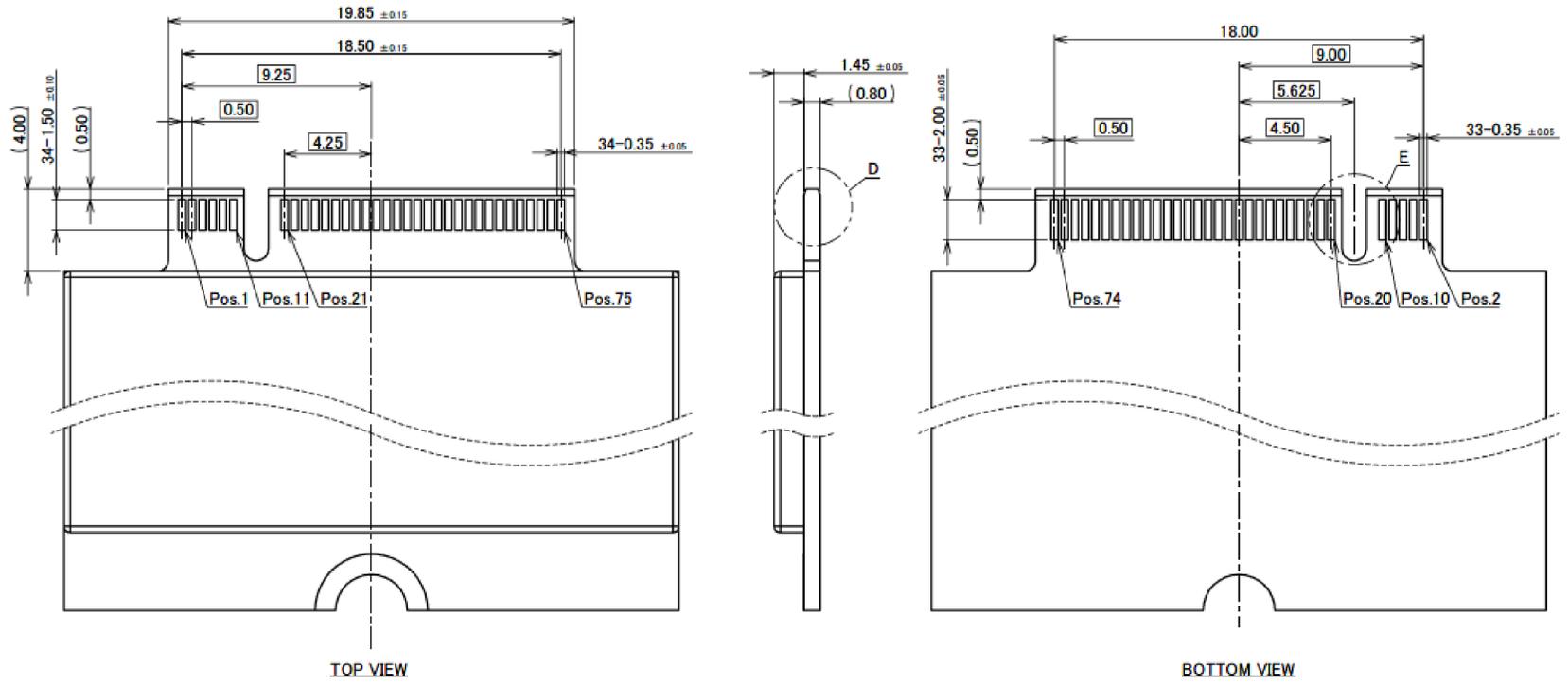
ITEMS	SPECIFICATION
RATED VOLTAGE	35V AC (PER CONTACT PIN)
RATED CURRENT	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	233 TO 353K (-40°C TO +80°C)
OPERATING HUMIDITY	95% MAX.
CONTACT RESISTANCE	INITIAL : 55mohm MAX. / AFTER TEST : $\triangle$ 20mohm MAX.
INSULATION RESISTANCE	500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 300V 1min
DURABILITY	60 CYCLES
MATING FORCE	25N MAX.
UNMATING FORCE	25N MAX.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2951
TEST REPORT	TR-25032
PACKING STANDARD	PST-25022
INSTRUCTION MANUAL	HIM-26004
APPEARANCE CRITERIA No.	QLS-A***

Rev.0



Rev.0

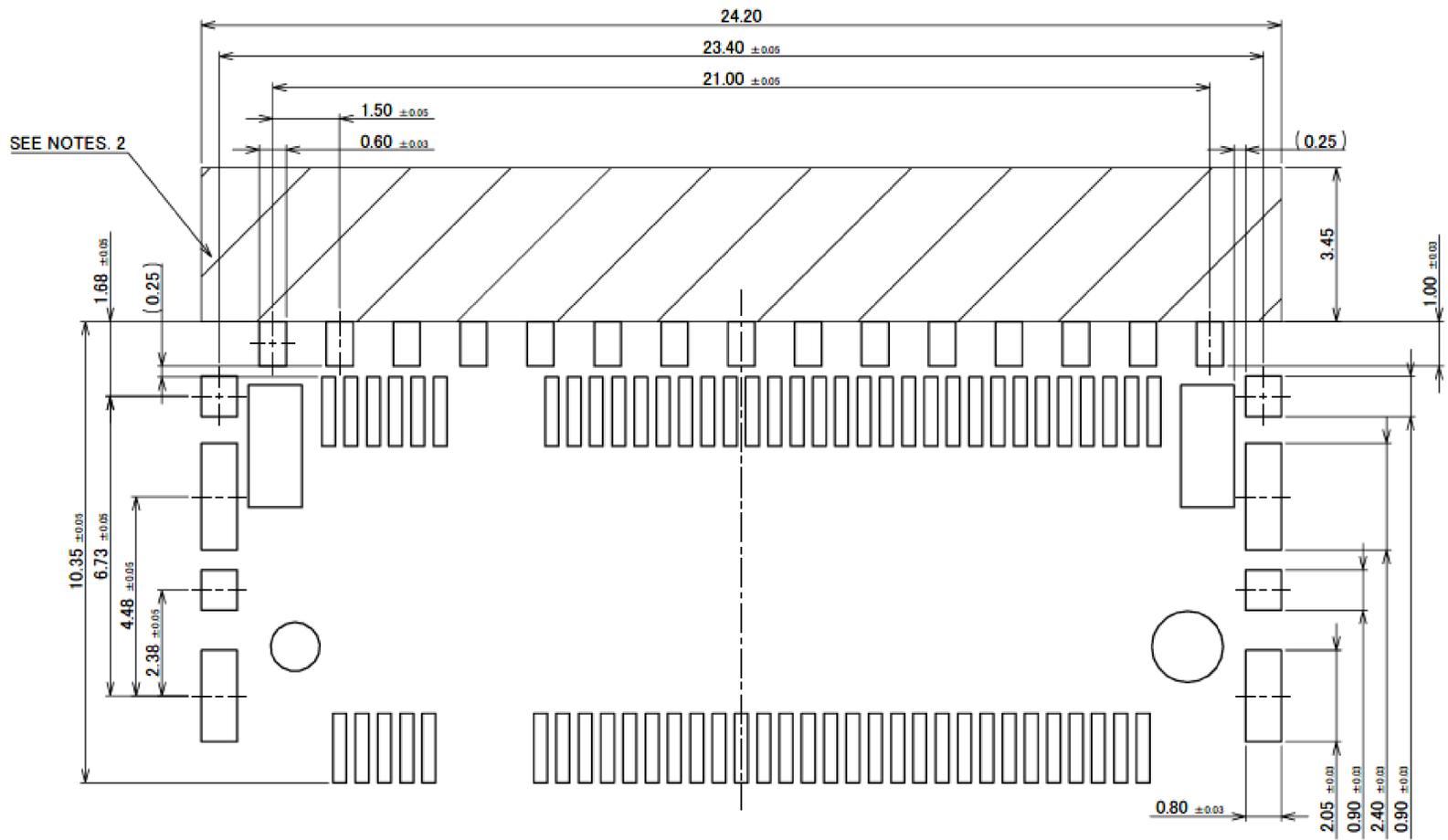
# SX-M2



**RECOMMENDED PCB & METAL MASK LAYOUT**  
(CONTACT AND HOLD DOWN)  
METAL MASK THICKNESS : t=0.10 mm

NOTES.  
1. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

# SX-M2

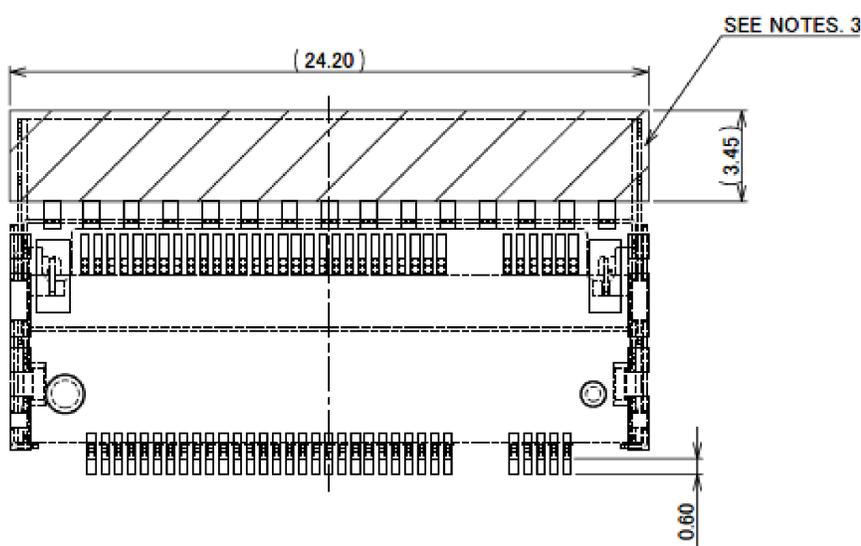


RECOMMENDED PCB & METAL MASK LAYOUT  
(SHIELD SHELL)  
METAL MASK THICKNESS : t=0.10 mm

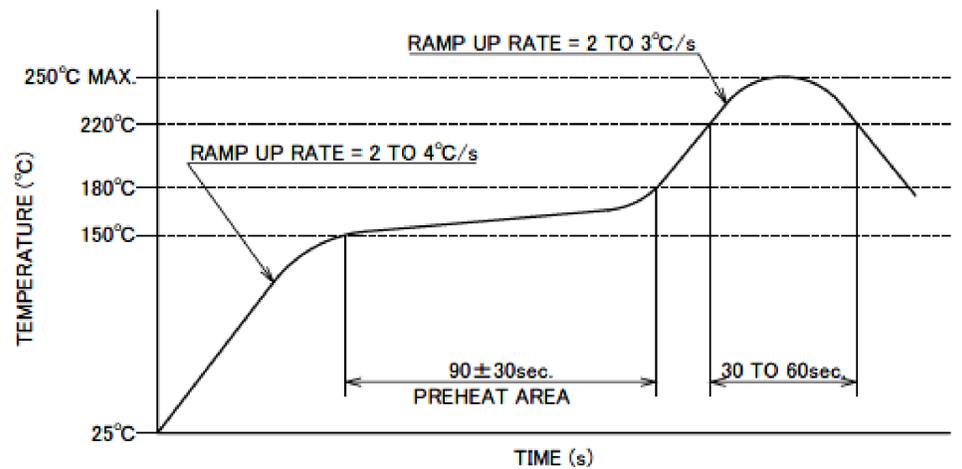
NOTES.

2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

Rev.0



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

NOTES.

3. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA

Rev.0

# Custom Connectors Available

## RF Connectors

MHF® series



CABLINE® series

## Micro-Coaxial/Twinaxial Connectors



## Wire-to-Board Connectors/Terminals

AP series



ISH® series



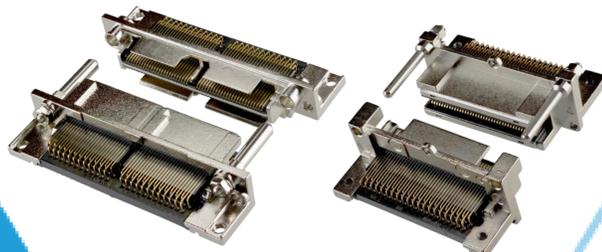
NOVASTACK® series



## Board-to-Board Connectors



## I/O Connectors



MINIDOCK™ series

MINIFLEX® series EVAFLEX® series



## FPC/FFC Connectors



Inquiry



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