

SC-17

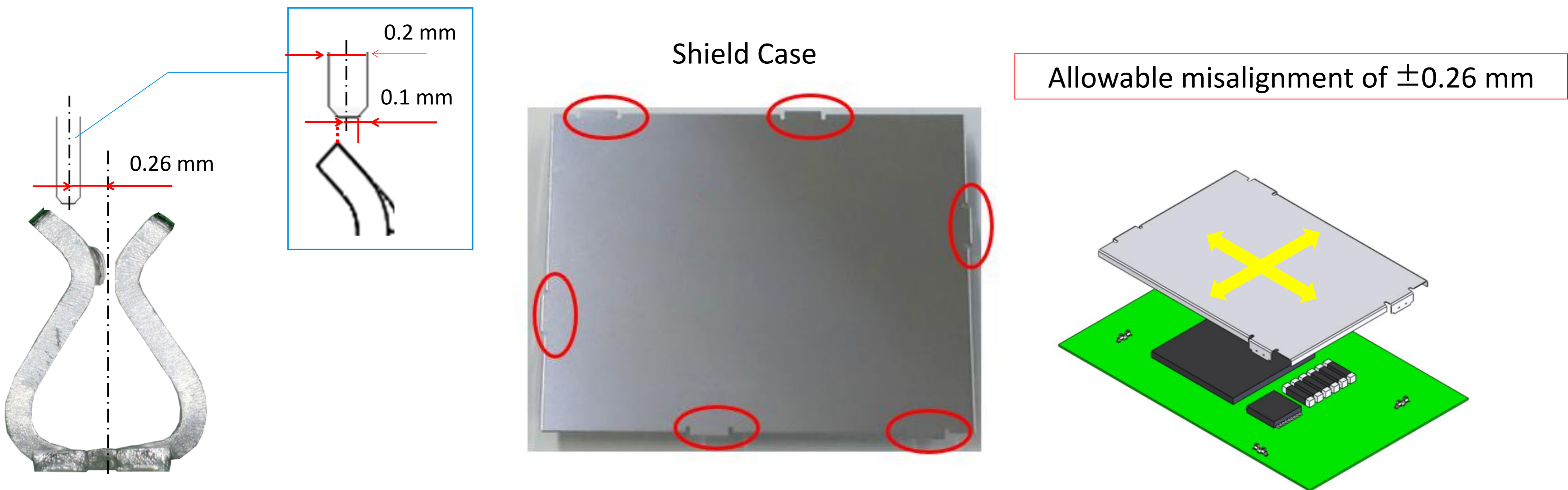
Shield Case Fitting

Product Specifications:

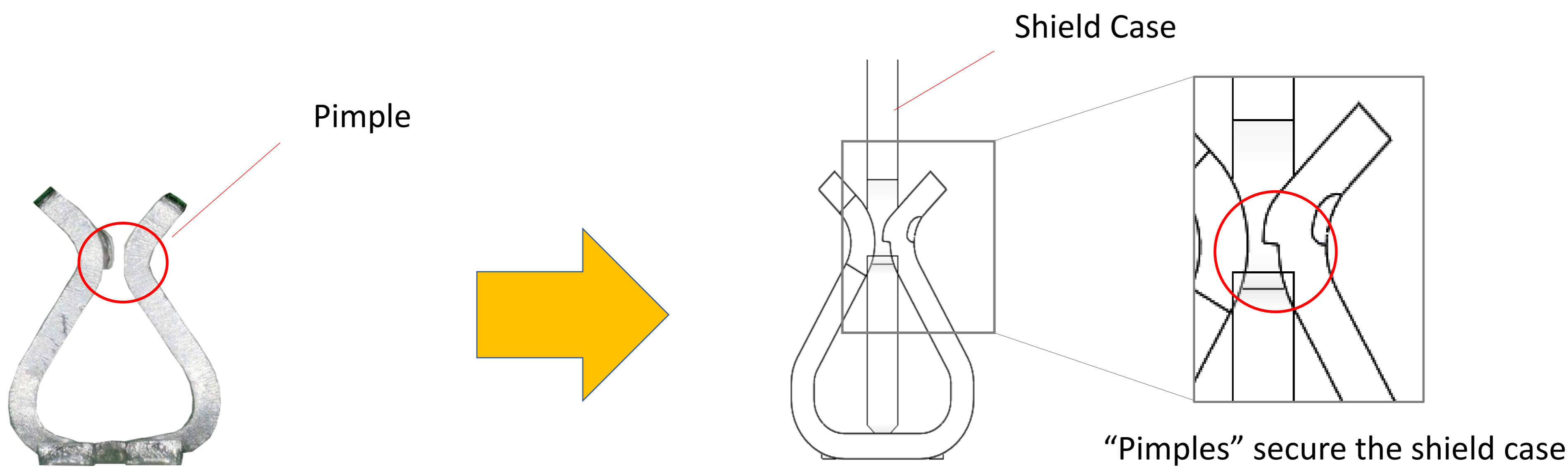
Operating Temperature	233~358 K (-40 °C~+ 85°C)
Operating Humidity	85 % Max. (Non-Condensing)
Durability	3 CYCLES
Contact Resistance (For Grand Contact)	INITIAL: 120mΩ Max. / AFTER TEST: \triangle 40mΩ Max.
Coplanarity	0.08 Max.



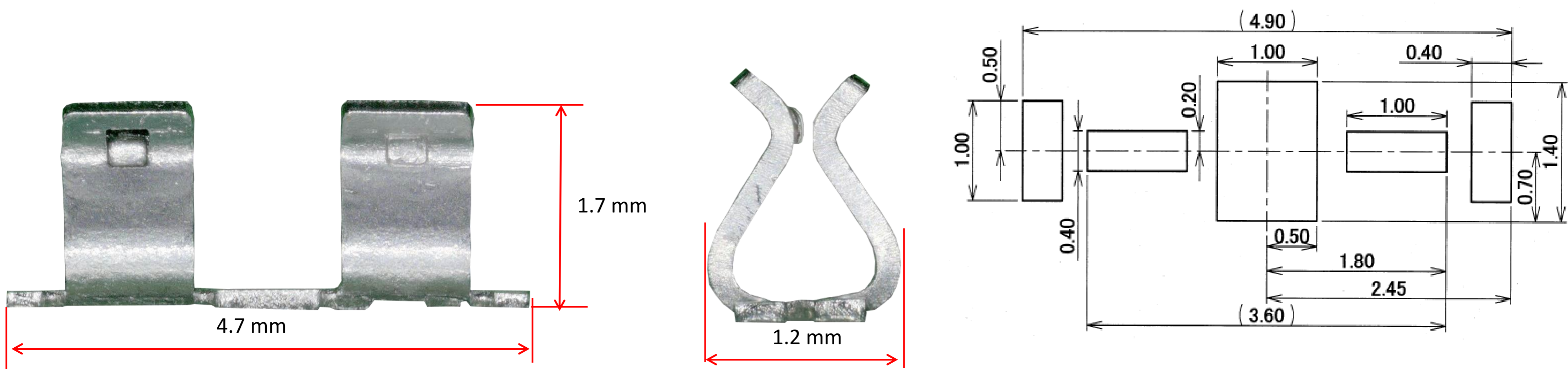
► Insertion guides improve shield case installation



► Pinprick shape of contact points increase staying power of shield case



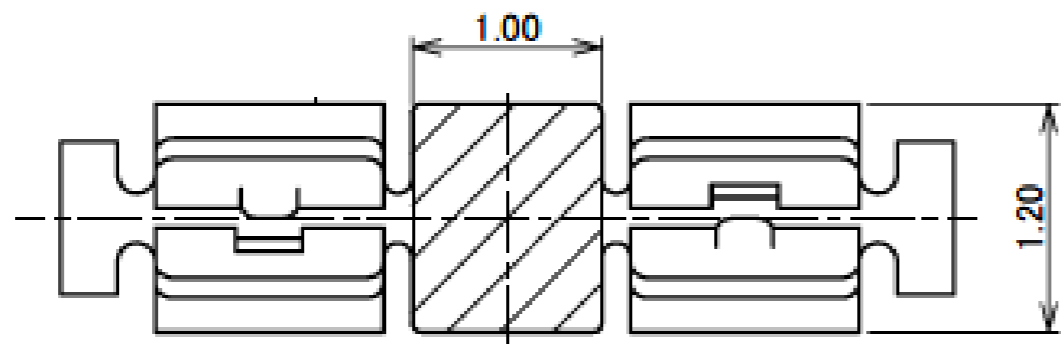
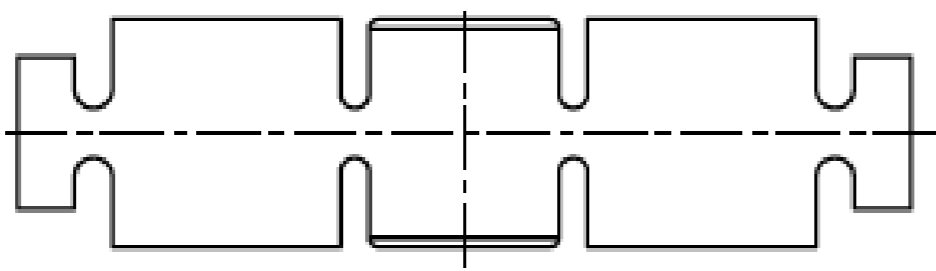
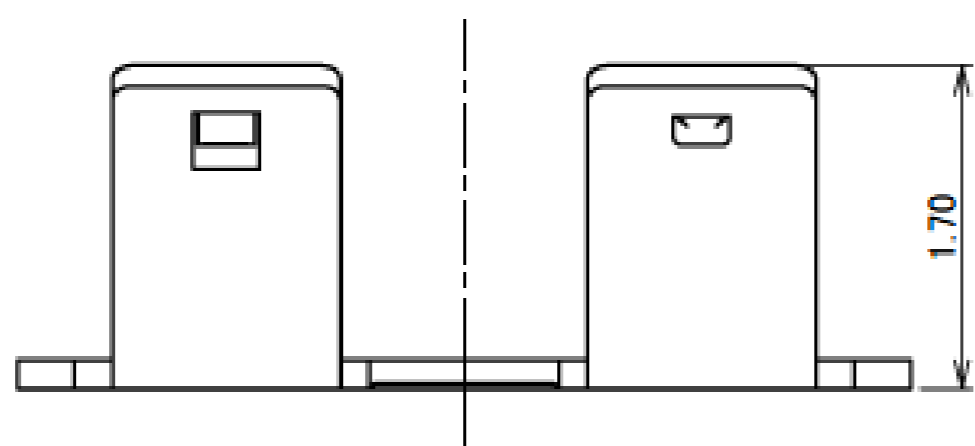
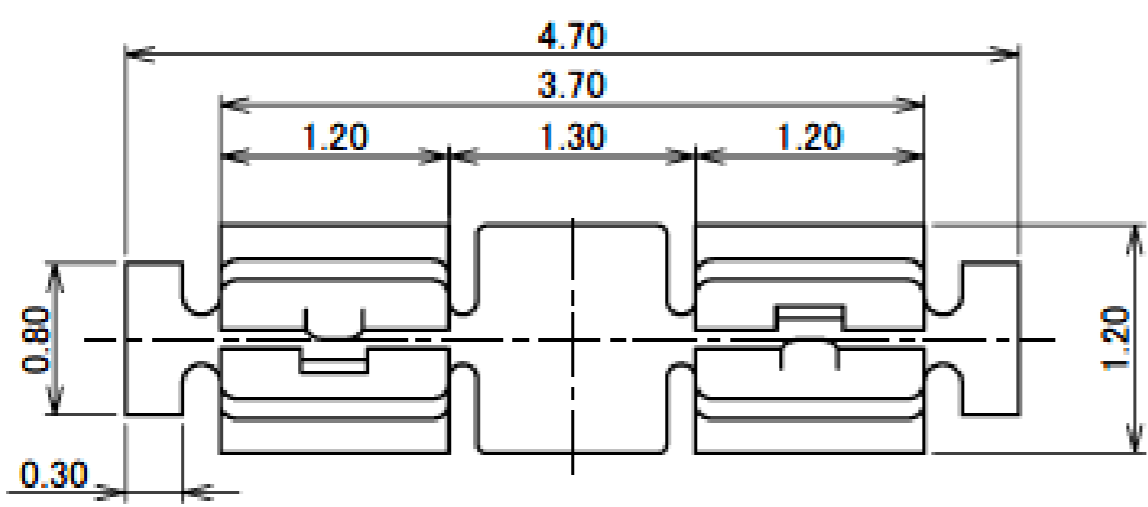
► Small form factor results in reduced mounting area



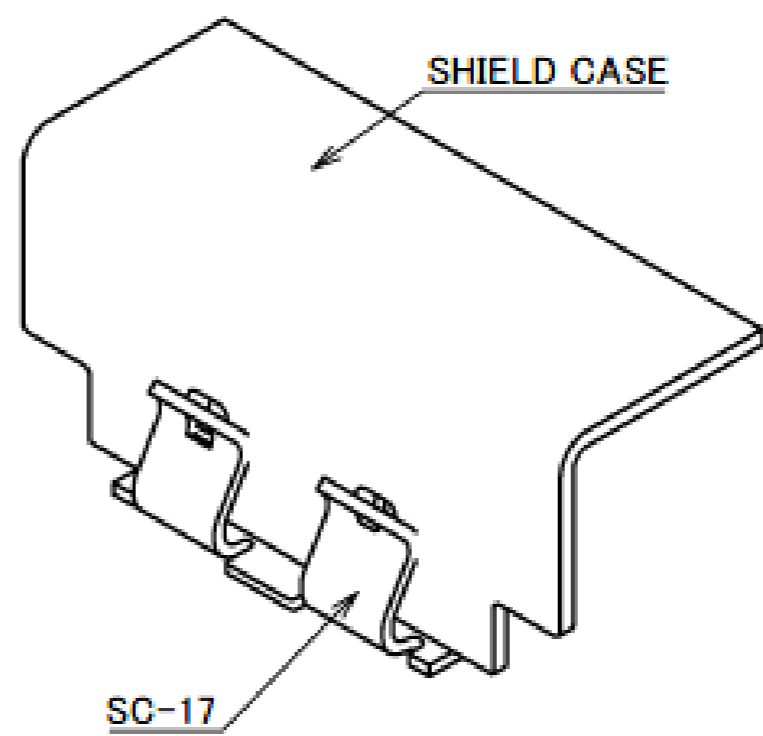
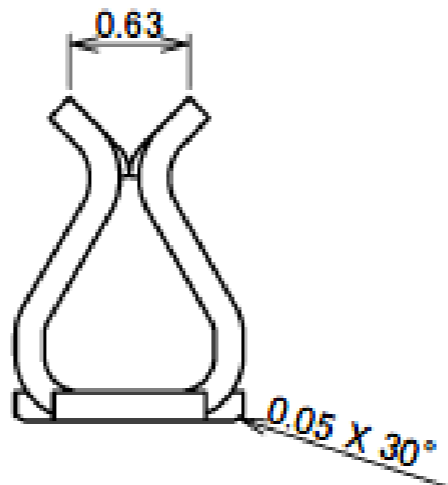
Component Parts Details

SC-17

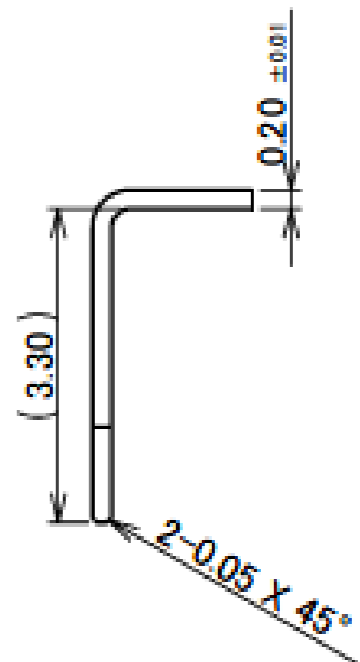
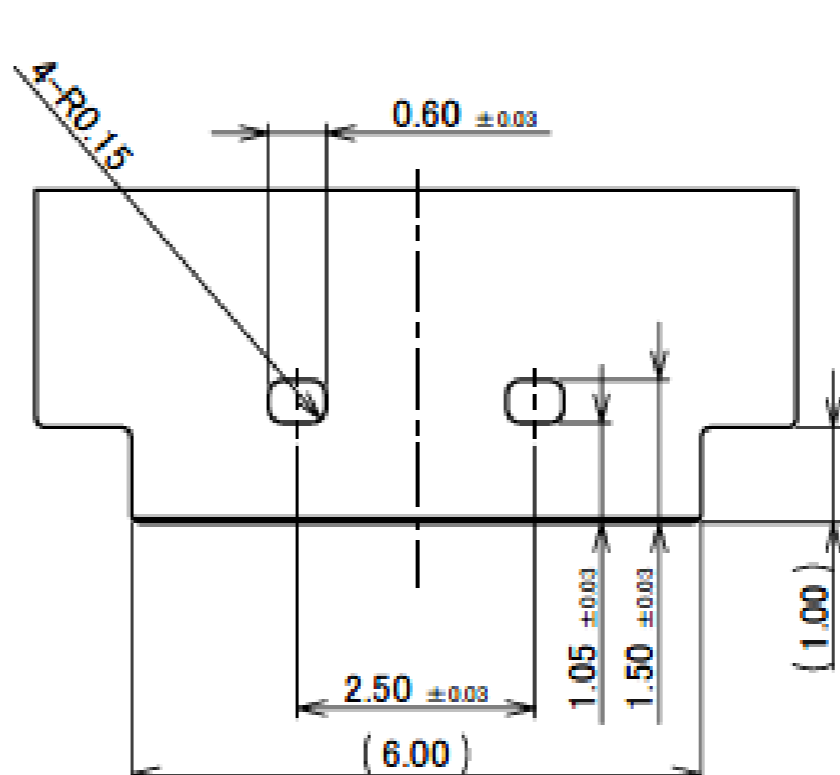
Recommended P/N	3394-0001
PART NO.	
3394-0001	



PICK UP AREA



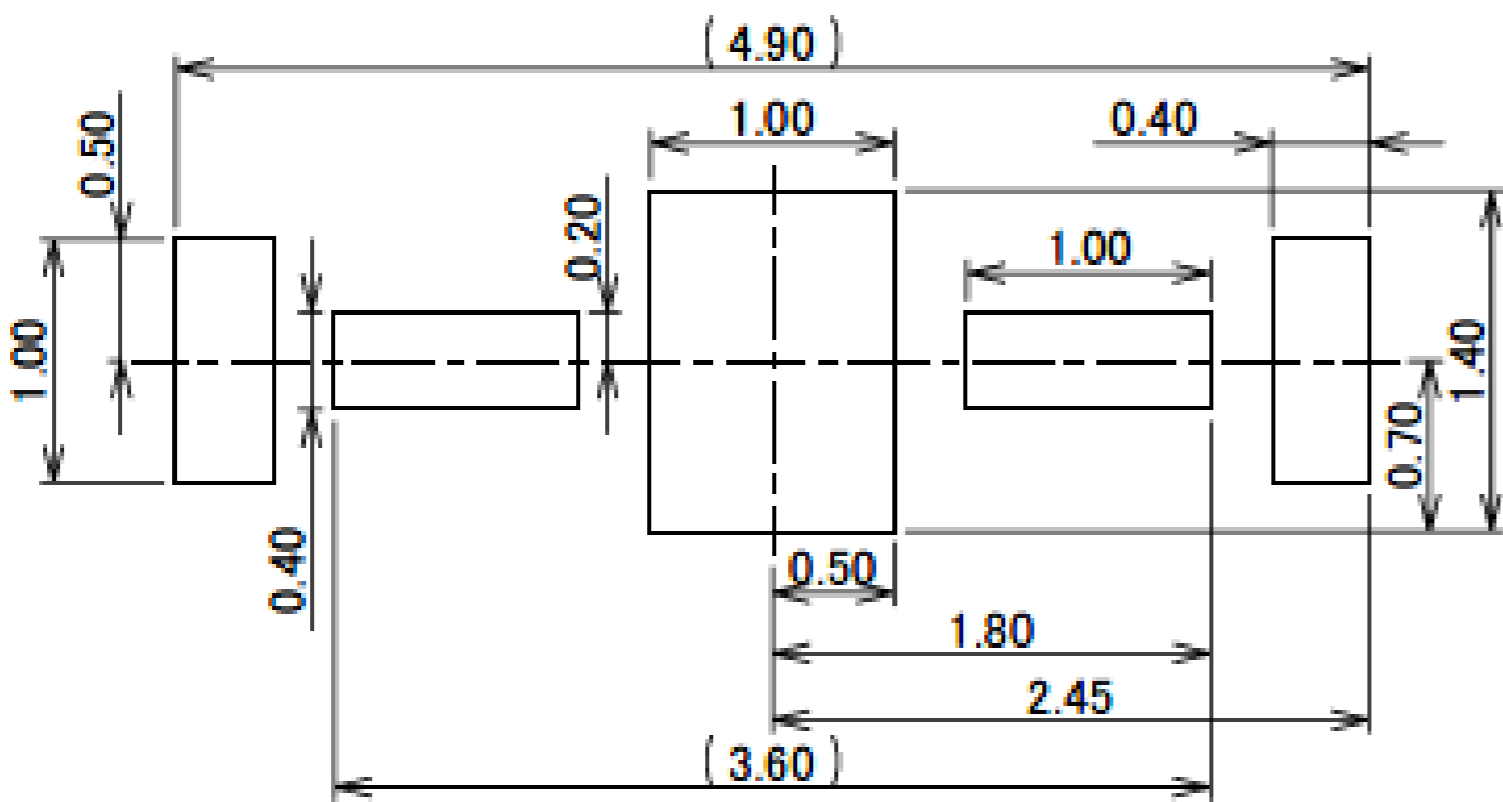
SHIELD CASE MATING STATE(SCALE 10 : 1)



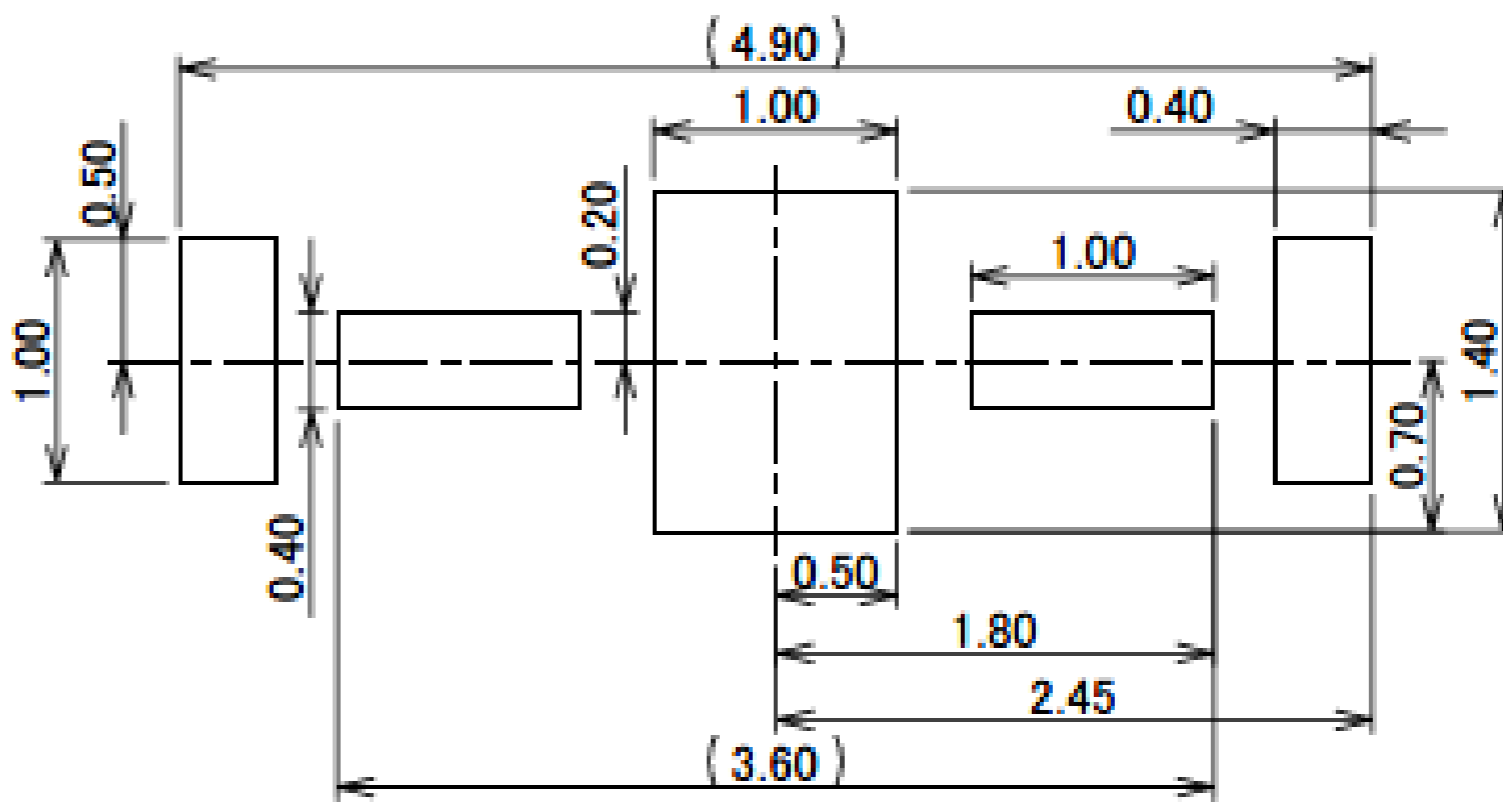
1	CONNECTOR	SUS301-EH	UNDER PLATE : Ni 0.6 μ m~1.2 μ m. ALL OVER : Sn-Ag-Cu 0.8~1.6 μ m.
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

ITEMS	SPECIFICATION
OPERATING TEMPERATURE	233~358K(−40℃~+85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR GROUND CONTACT)	INITIAL : 120 mohm MAX. / AFTER TEST : \triangle 140 mohm MAX.
DURABILITY	3 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	29.5 N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	8.0 N MIN.
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-2438
TEST REPORT	TR-17096
PACKING STANDARD	PST-17094
INSTRUCTION MANUAL	HIM-17028
APPEARANCE CRITERIA No.	QLS-A***

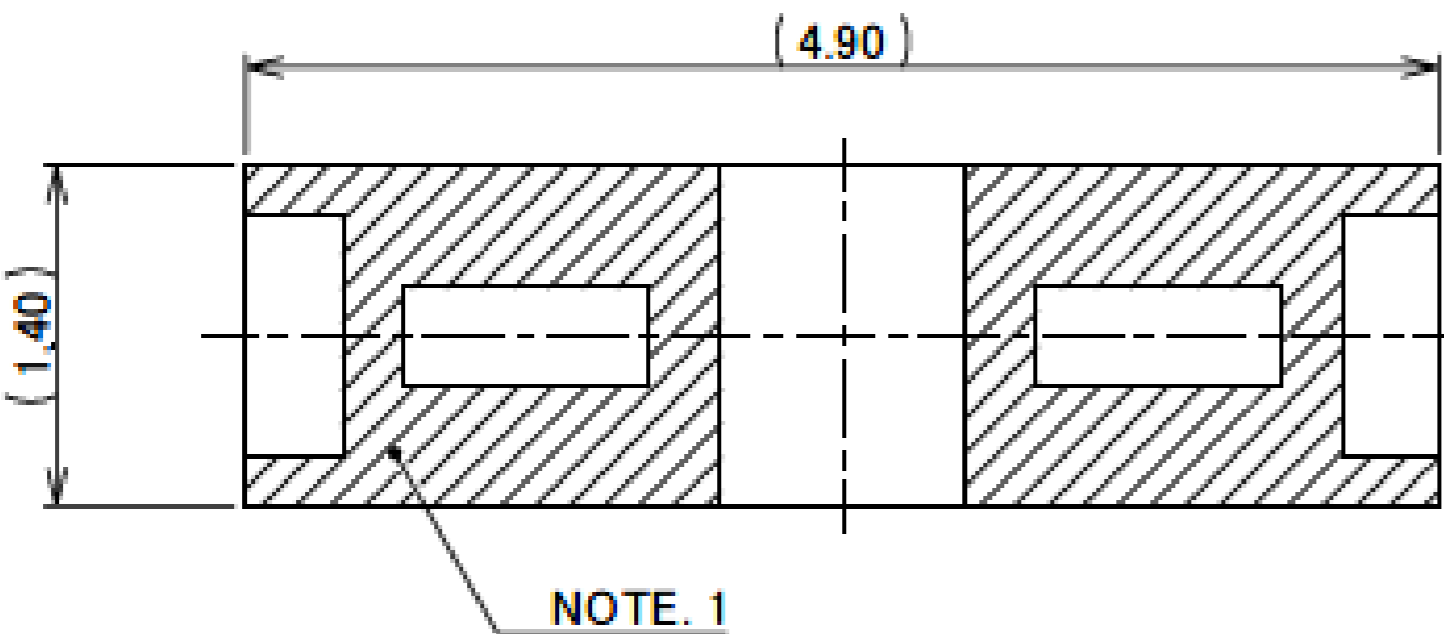
Rev.5



RECOMMENDED FOOTPRINT PATTERN LATOUT

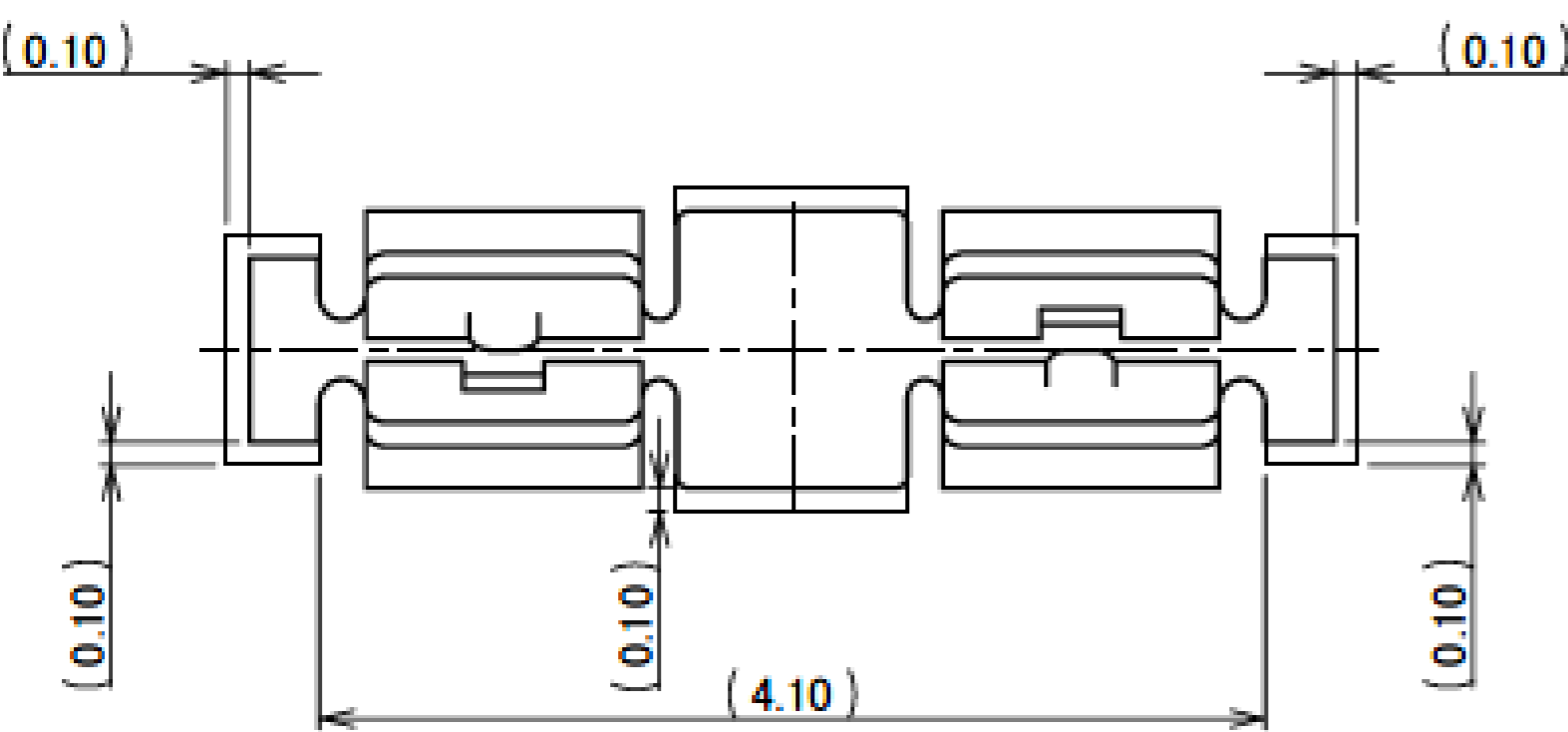


RECOMMENDED METAL MASK LATOUT
METAL MASK THICKNESS : T=0.12 mm)

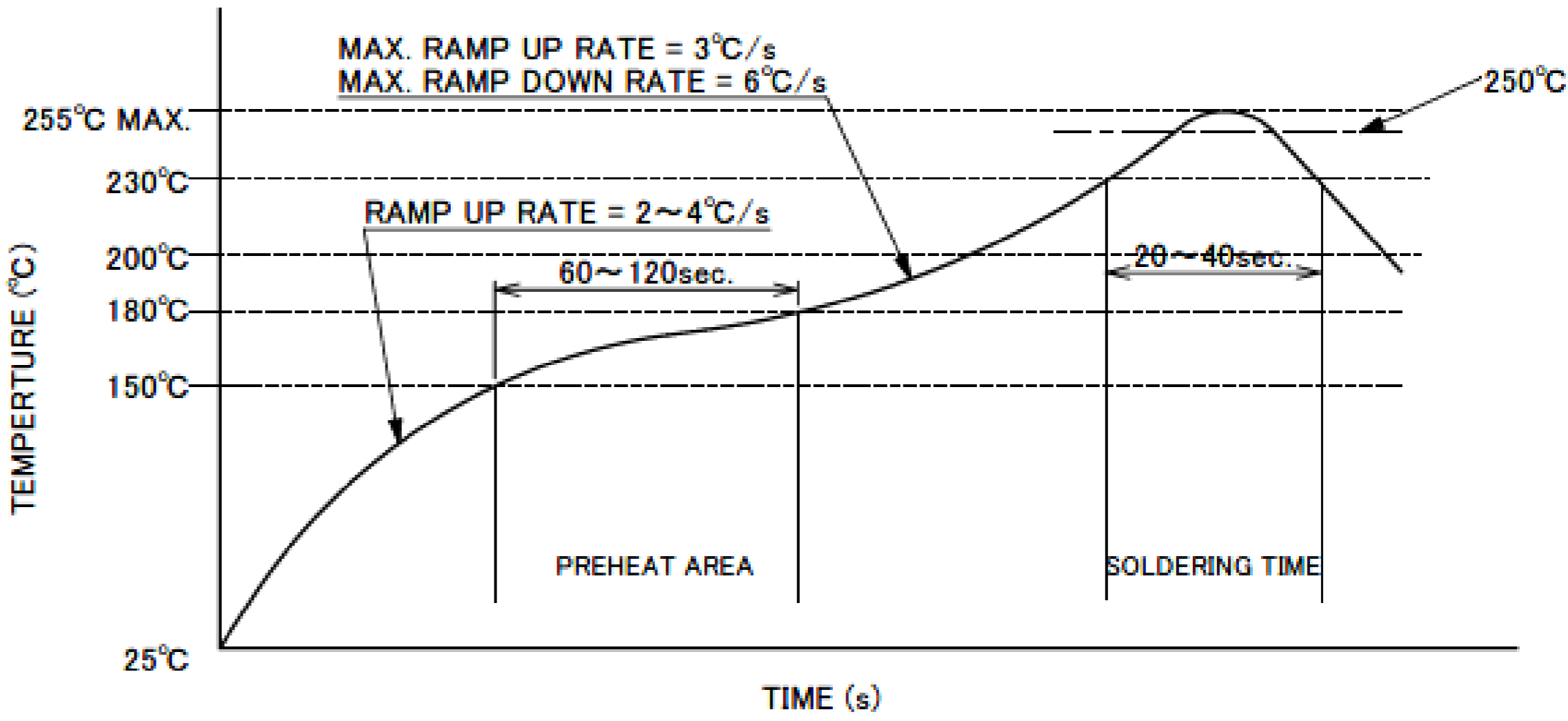


NOTES.
1. THIS AREA CANNOT MOUNT ANOTHER COMPONENTS.

Rev.5



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN LATOUT



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

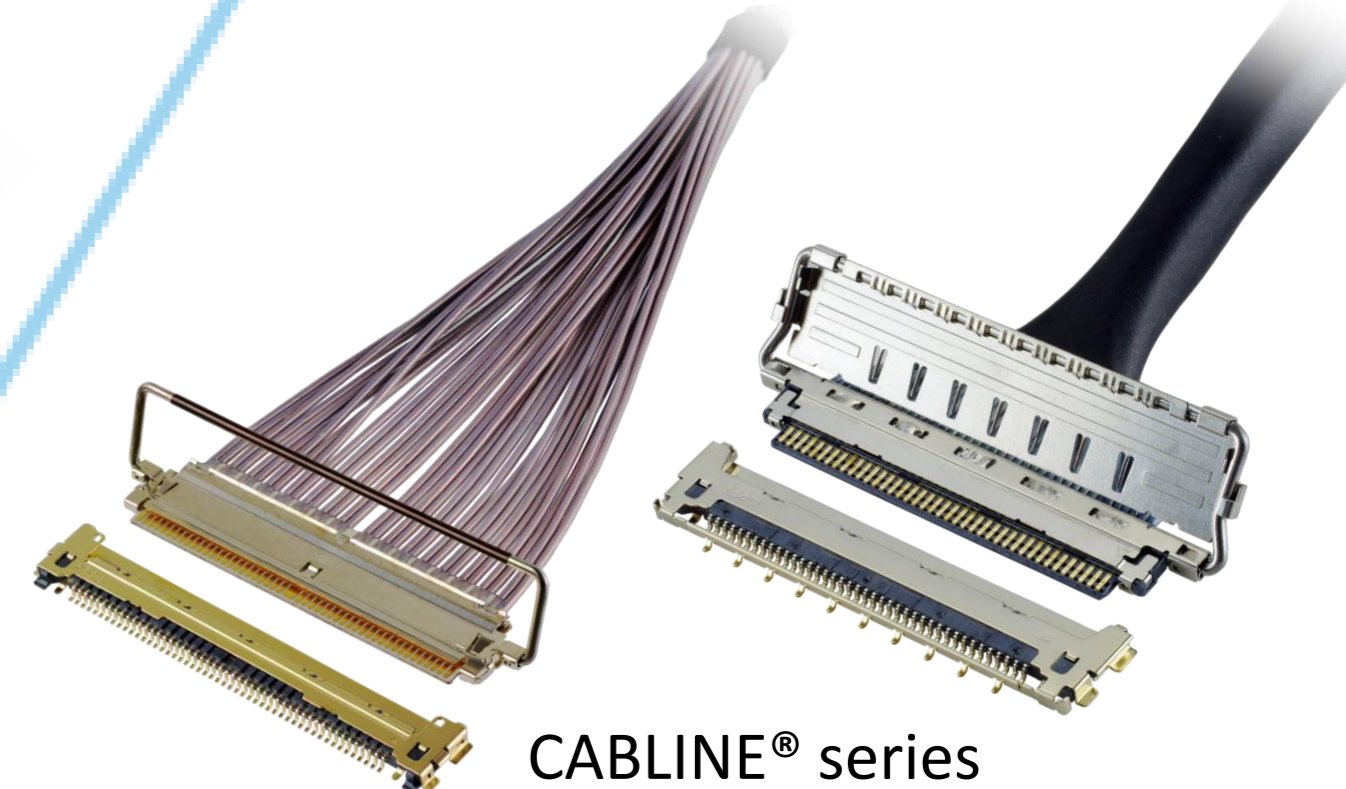
Custom Connectors Available

 RF
Connectors

MHF® series



Micro-coaxial/Twinax
Connectors

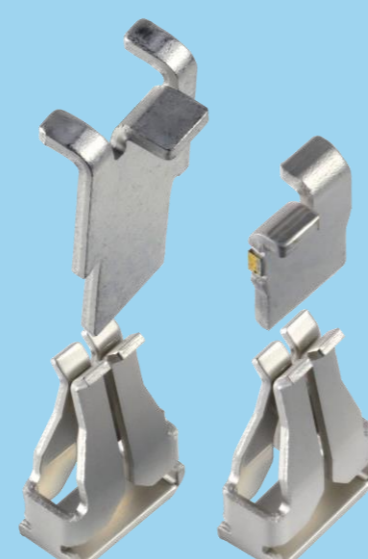


CABLINE® series

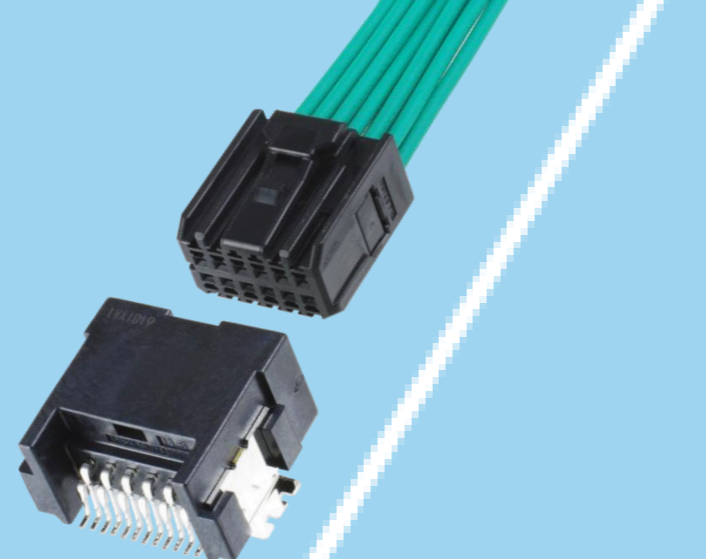


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



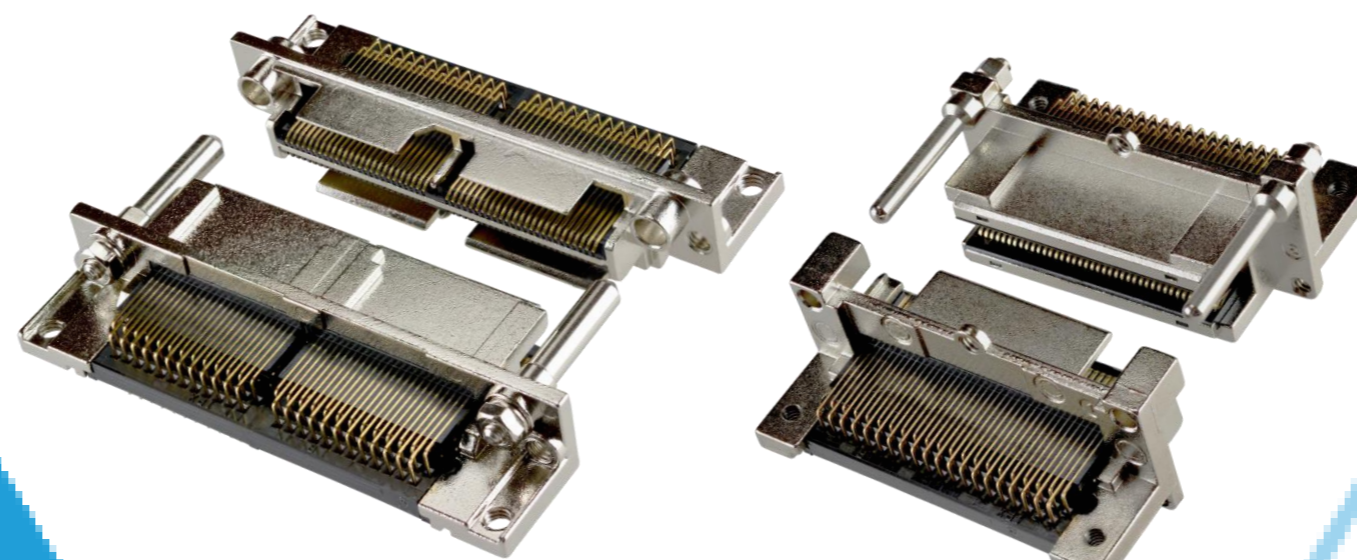
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



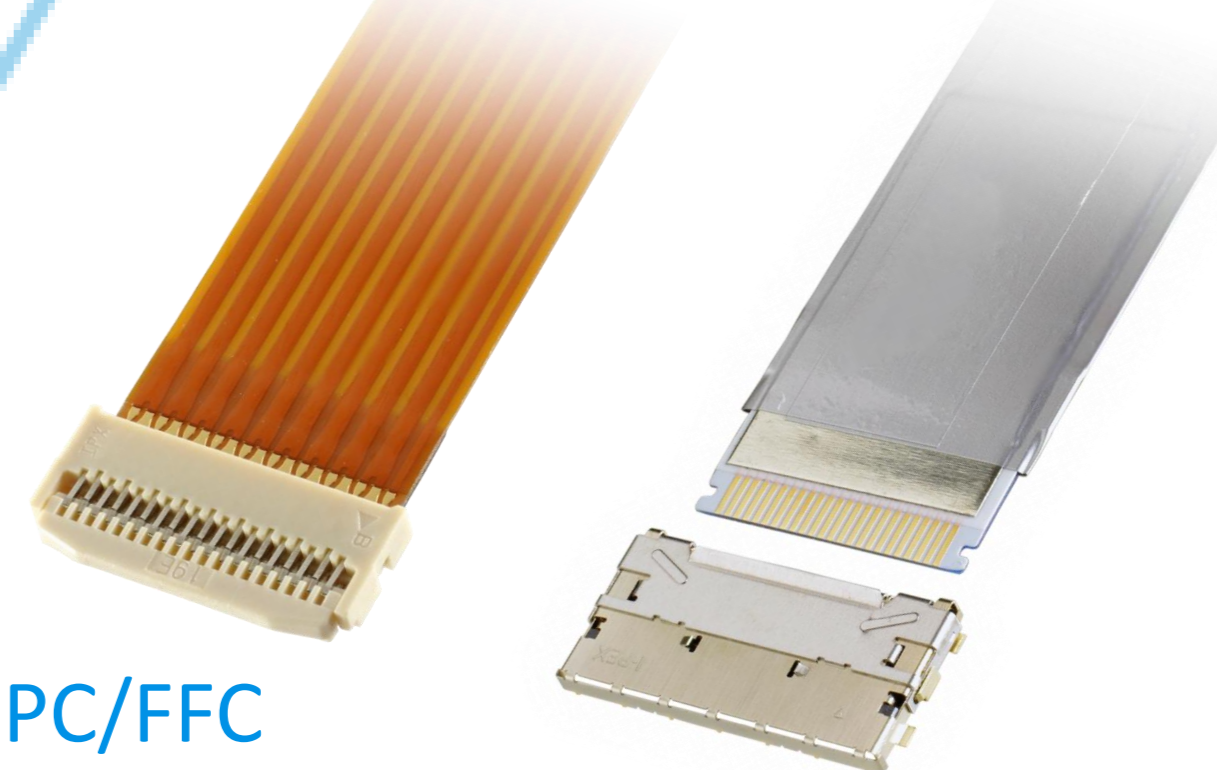
MINIDOCK™ series



FPC/FFC
Connectors

MINIFLEX® series

EVAFLEX® series



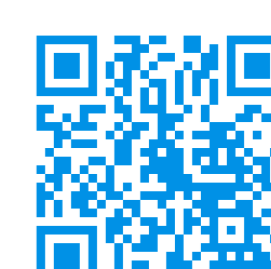
Inquiry



I-PEX, MHF, CABLINE, NOVASTACK, ISH, IARP, MINIFLEX, EVAFLEX, MINIDOCK and ZenShield are registered trademarks of I-PEX Inc. Please note that the contents in the catalog might be changed without prior notification. I-PEX Inc. assumes no responsibility for any inaccuracies or obligation to update information on these documents. Please be sure to read and understand the latest "Precautions for Use" and "Instruction Manual" before you use our products. We shall not be responsible for any defects, damages or troubles in case you use our products without following the precautions for use. Please feel free to contact our sales representatives when you use our products for any applications that require very high reliability and safety, or that relate to human life (ex. nuclear power control, aerospace, transportation, medical equipment, safety equipment etc.).

Contact your sales representative
or more detailed information.

www.i-pex.com



I-PEX

© I-PEX Inc. 2025
All rights reserved