

# AP-TSS10, AP-LT10

대전류 (32A), 고온대응 (125°C) 스페이서/전원 단자, PCB SMT 단자를 SMT와 M3 (8.00mm) 나사로 간단 결합

## Product Specifications:

Product name		AP-TSS10 / AP-LT10
Parts number and name		3782-0002 (AP-TSS10)
		3571-0081-04T (AP-LT10)
Size (mm)	Height (mm)	8.00 mm (AP-TSS10)
		1.00 mm (AP-LT10)
	Width (mm)	$\Phi 7.00 \pm 0.10$ mm (AP-TSS10) $\Phi 8.20 \pm 0.10$ mm (APLT-10)
Mating Type		Vertical (M3 thread screw)
Plating Type		Sn / Ni plating
Packing standard		EMBOSS

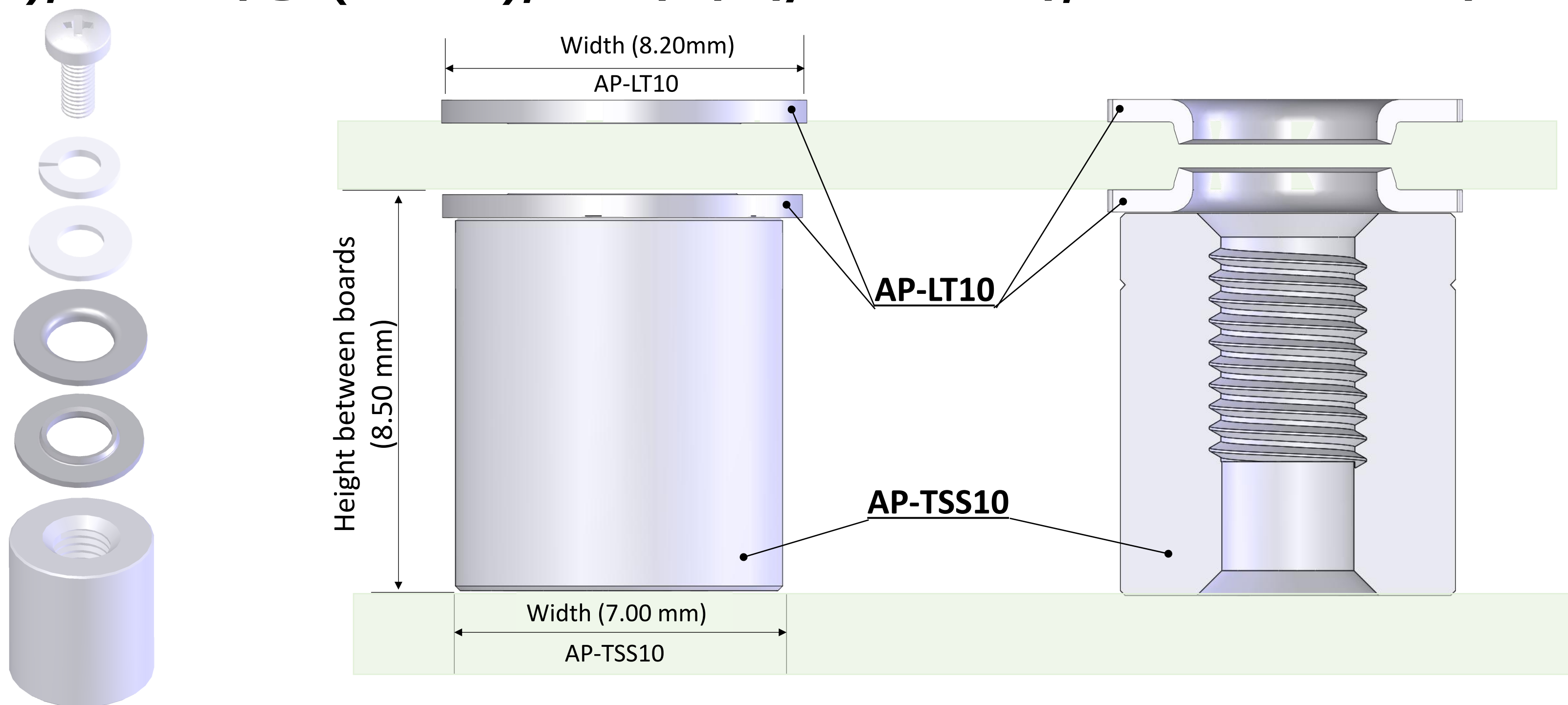
\*높이 범위, 사이즈, 전류 수치에 대해 문의 해주세요

## Product Specifications:

Amperage	32A DC
Operating Temperature	-40 - 125°C
Contact resistance	1.0 mΩ Max.



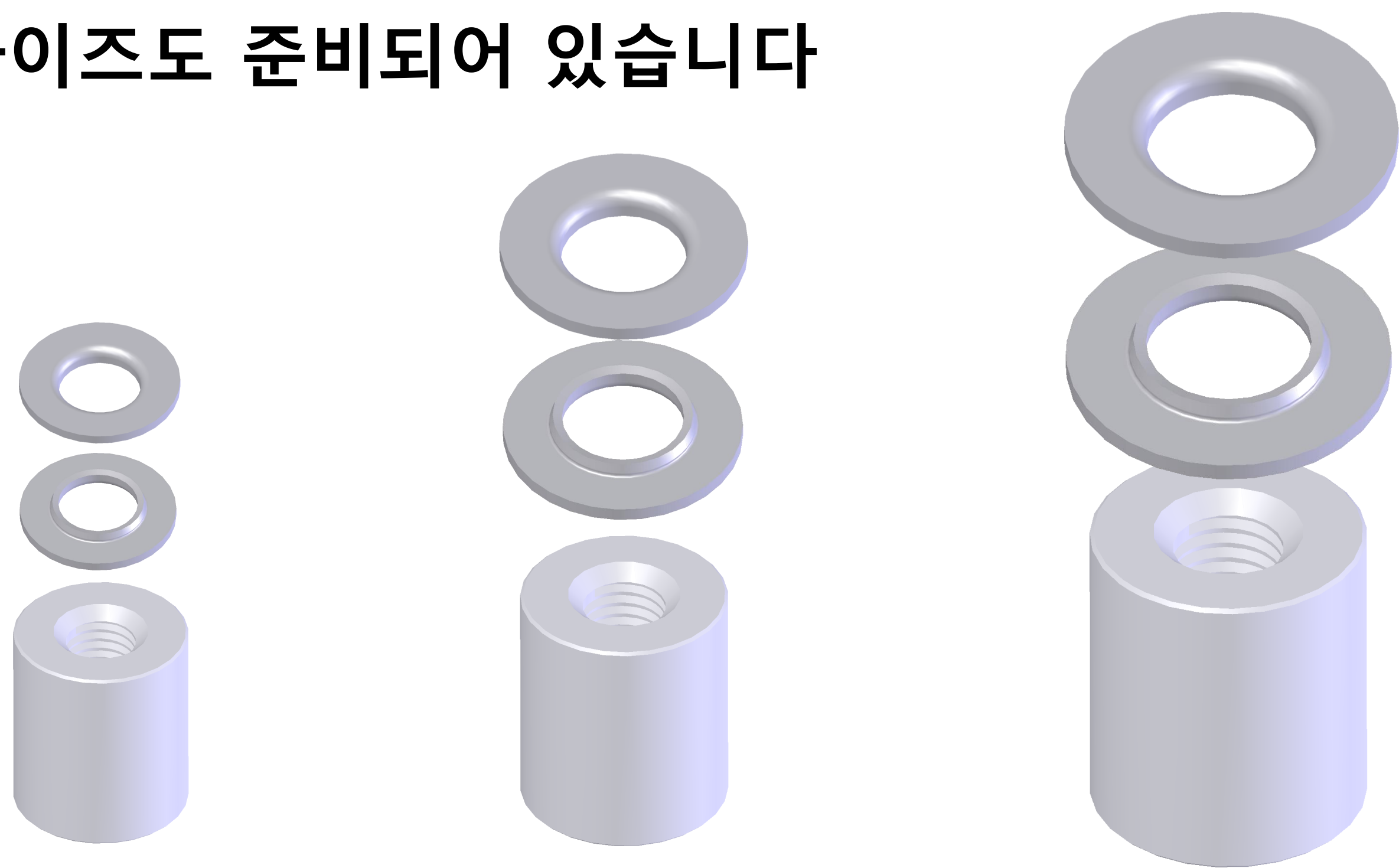
## ▶ 대전류 (32A), 고온대응 (125°C), 스페이서/전원 단자, PCB SMT 단자



## ▶ 커넥터 경량화에 의해, 거꾸로 실장에 대응하며, 유연한 SMT 설계에 공헌합니다

항목	재료 구성	첫번째 Reflow 실장	두 번째 거꾸로 실장
황동	모재료 황동 : 비중8.5 하지 도금 니켈 도금 주석		
알루미늄	모재료 알루미늄 : 비중2.8 하지 도금 니켈 도금 주석 비중 약67%Down		

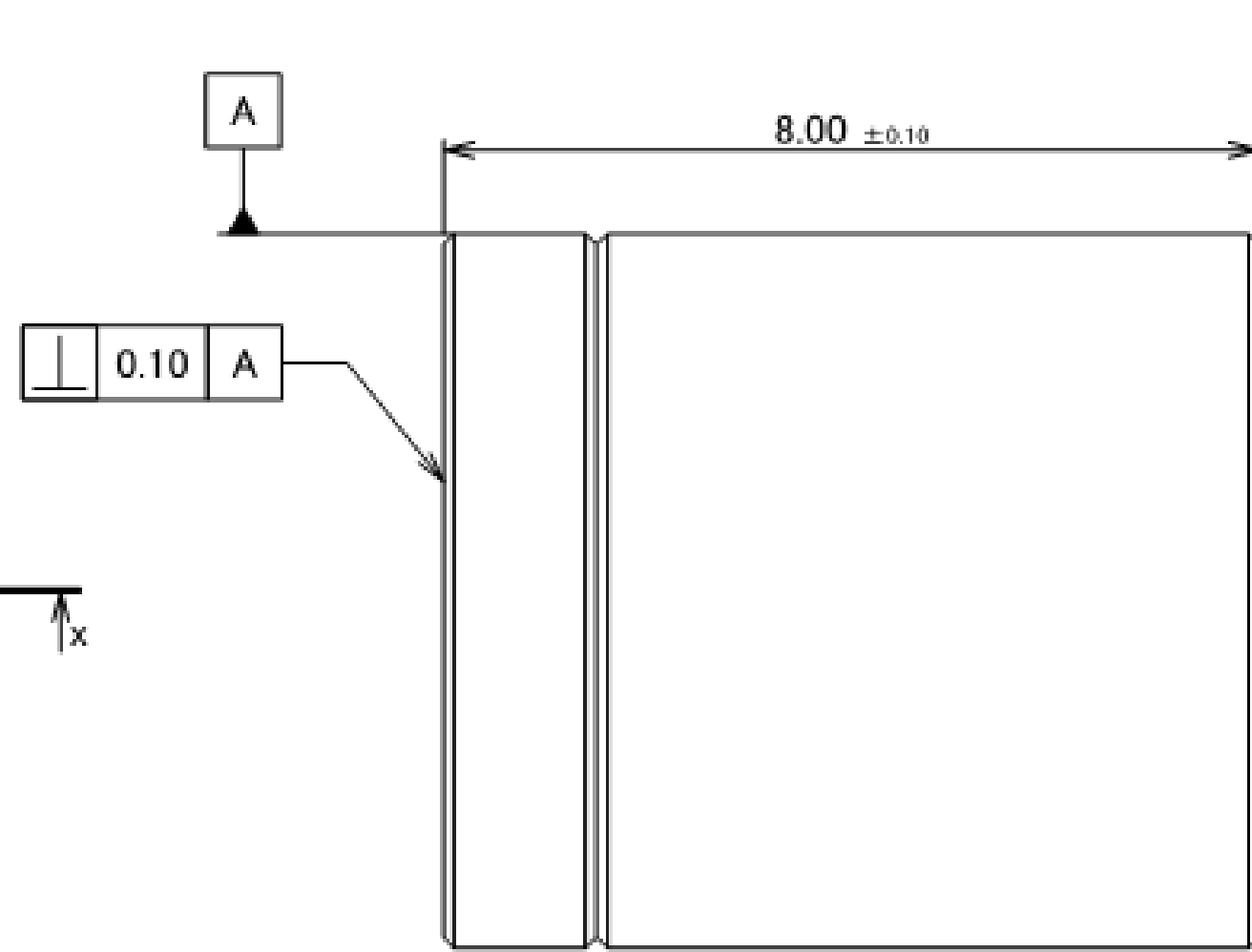
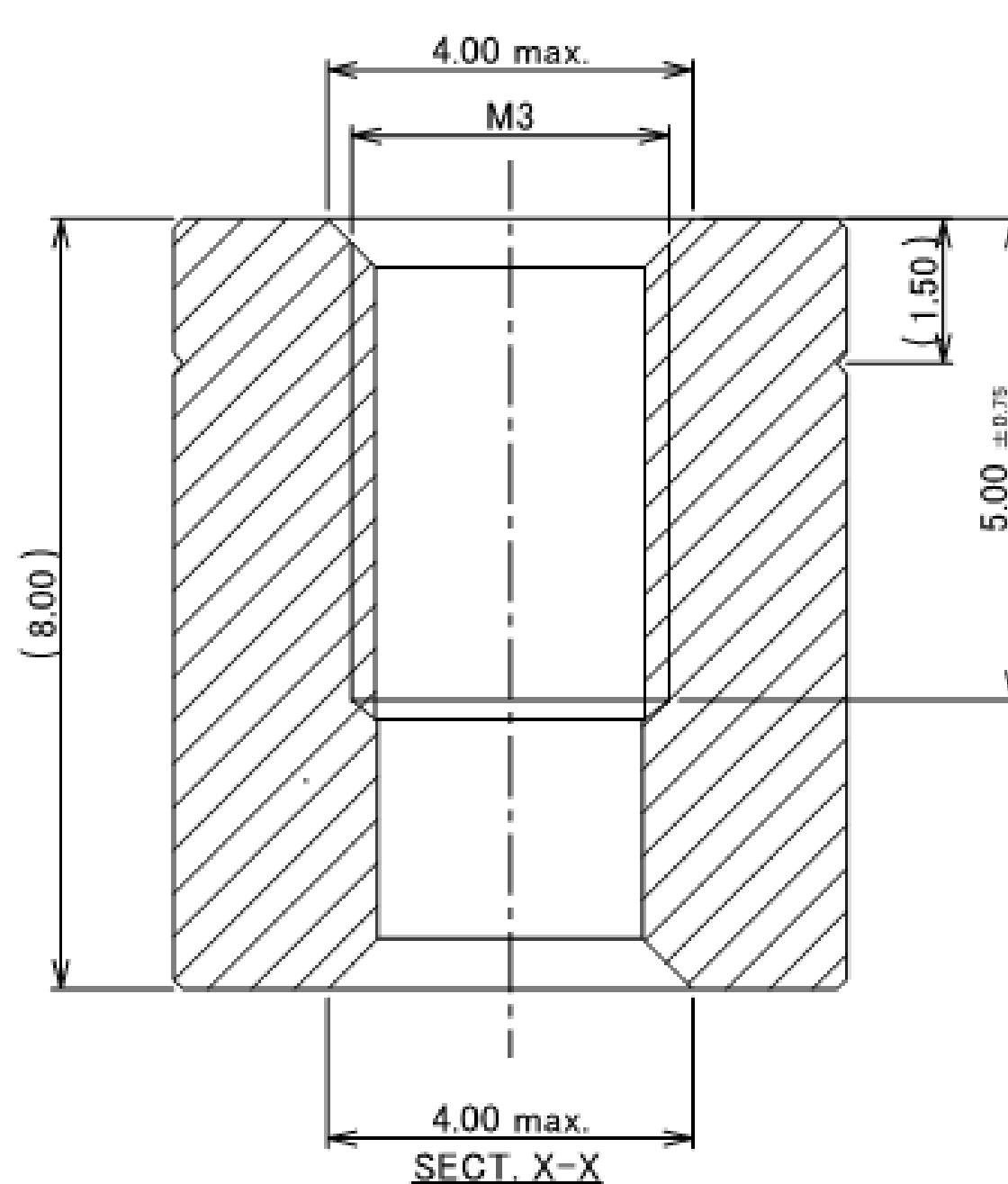
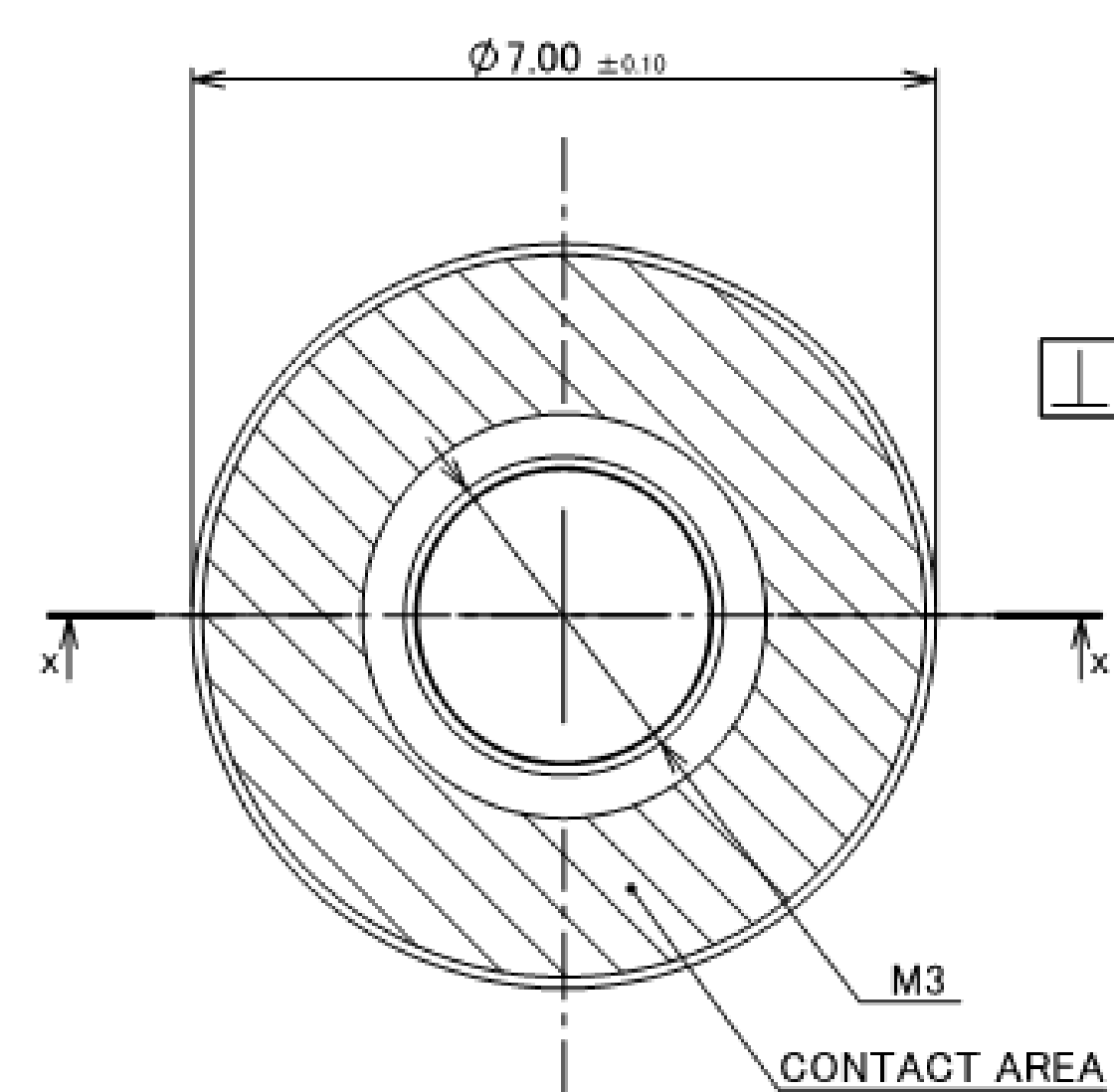
## ▶ 요청에 따라 특별 사이즈도 준비되어 있습니다



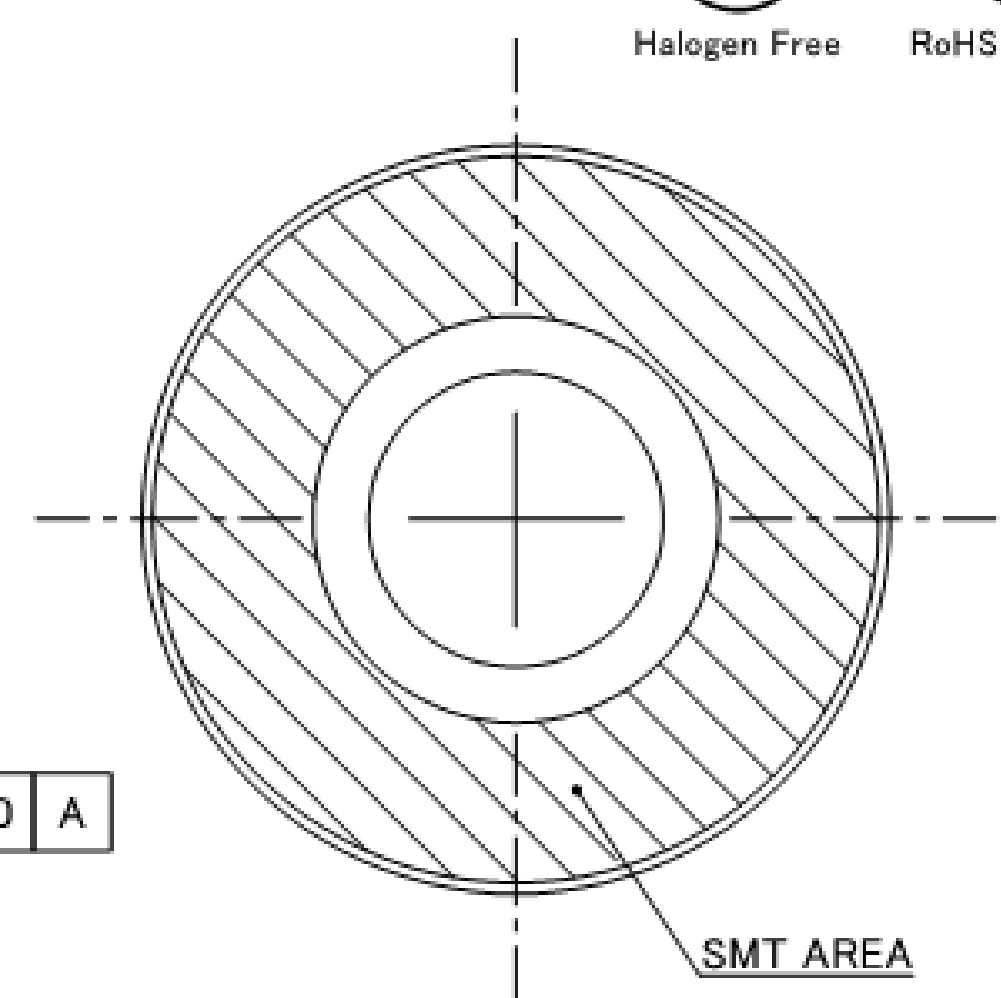
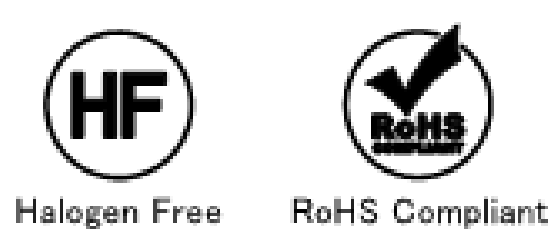
# Component Parts Details

## AP-TSS10

Recommended P/N	3782-0002
PART No.	3782-0002



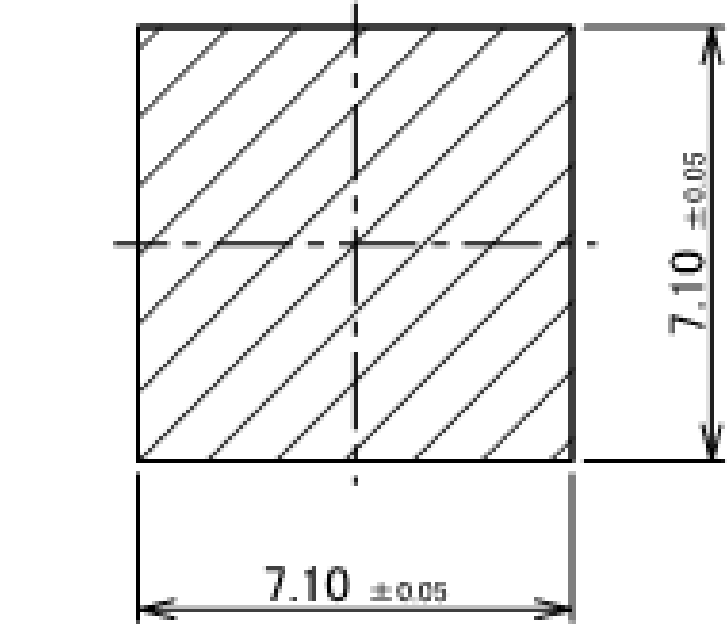
IATF 16949 Certified



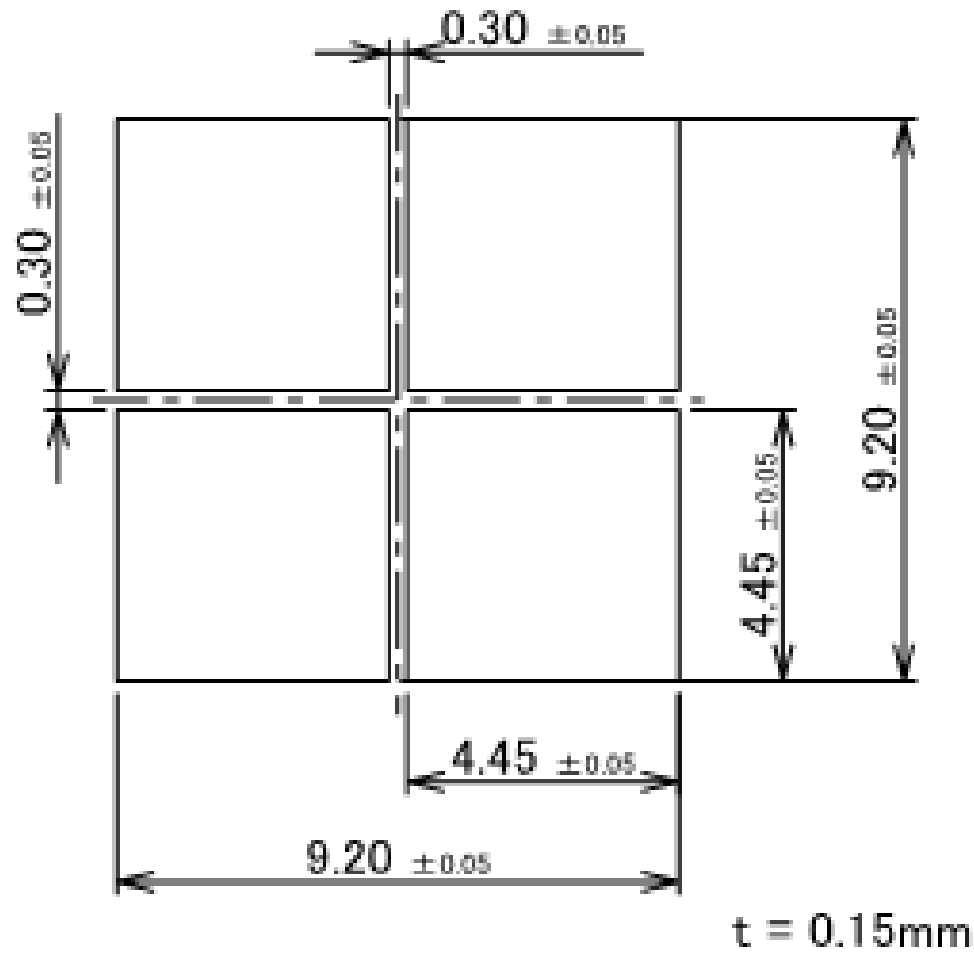
NOTES.  
1. APPLICABLE CONNECTOR  
AP-LT10 (P/N: 3571-0081-04T)

1	TERMINAL	ALUMINUM	[CONTACT AREA, SMT AREA]
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

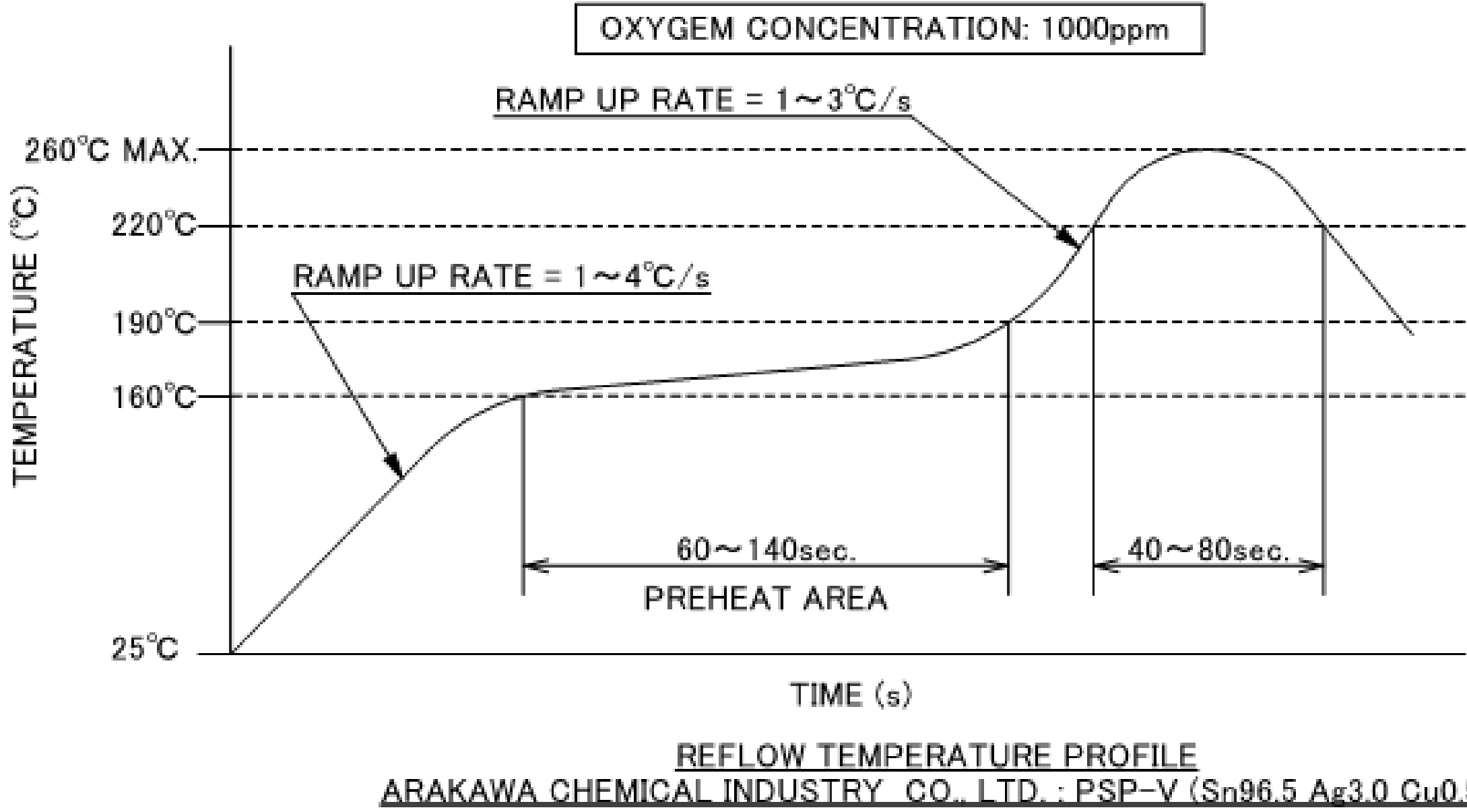
AP-TSS10



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK LAYOUT



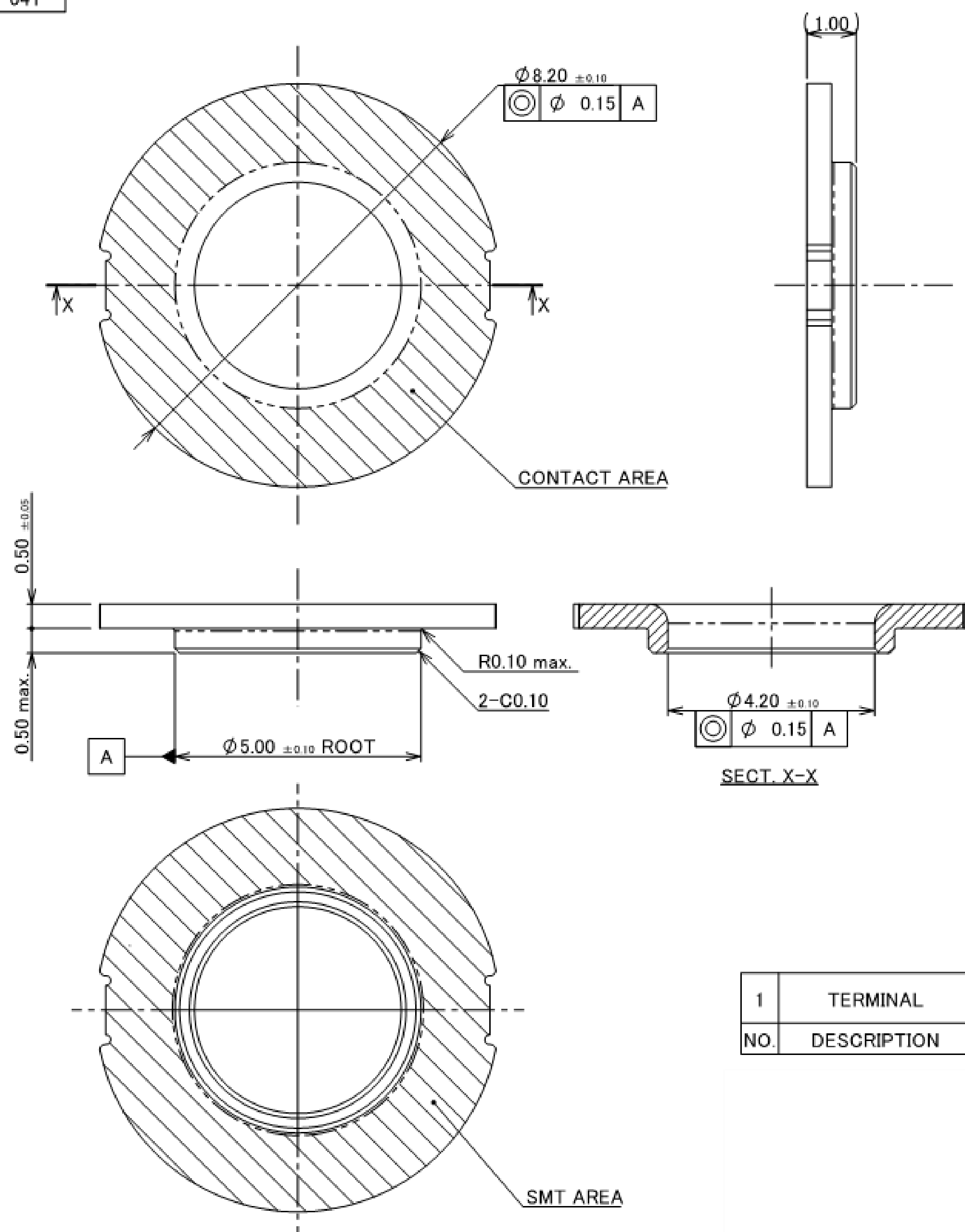
Rev.2

ITEMS	SPECIFICATION
RATING VOLTAGE	32A DC
OPERATING TEMPERATURE	233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0mohm MAX. / AFTER TEST : 1.0mohm MAX.
SCREW TIGHTENING TORQUE	0.75~0.93 Nm(REFERENCE)
PRODUCT SPECIFICATION	PRS-2845
TEST REPORT	TR-23036
PACKING STANDARD	PST-23063
APPEARANCE CRITERIA No.	QLS-A***

Rev.2

**AP-LT10**

Recommended P/N	3571-0081-04T
PART No.	
3571-0081-04T	



IATF 16949 Certified



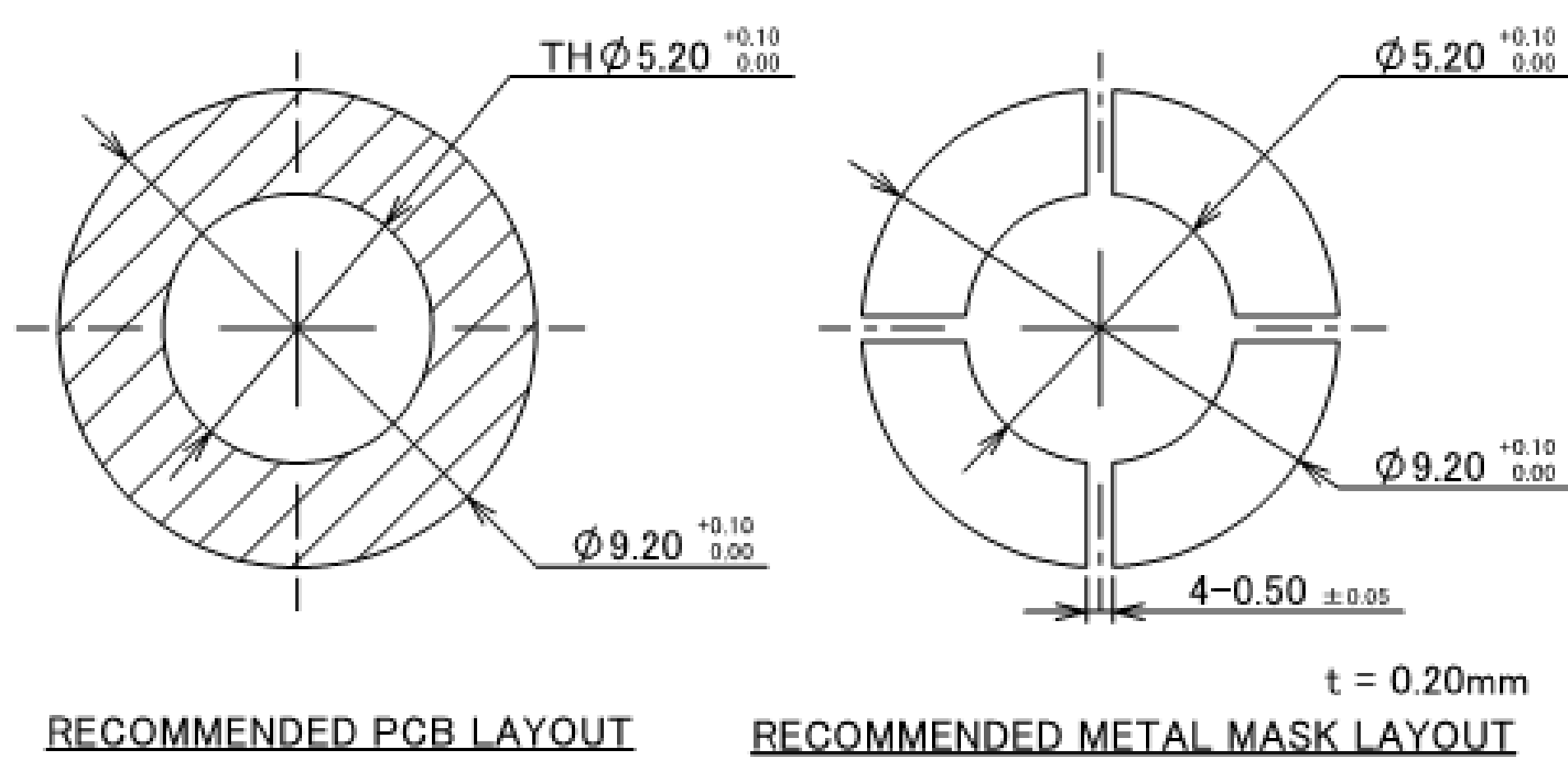
Halogen Free

RoHS Compliant

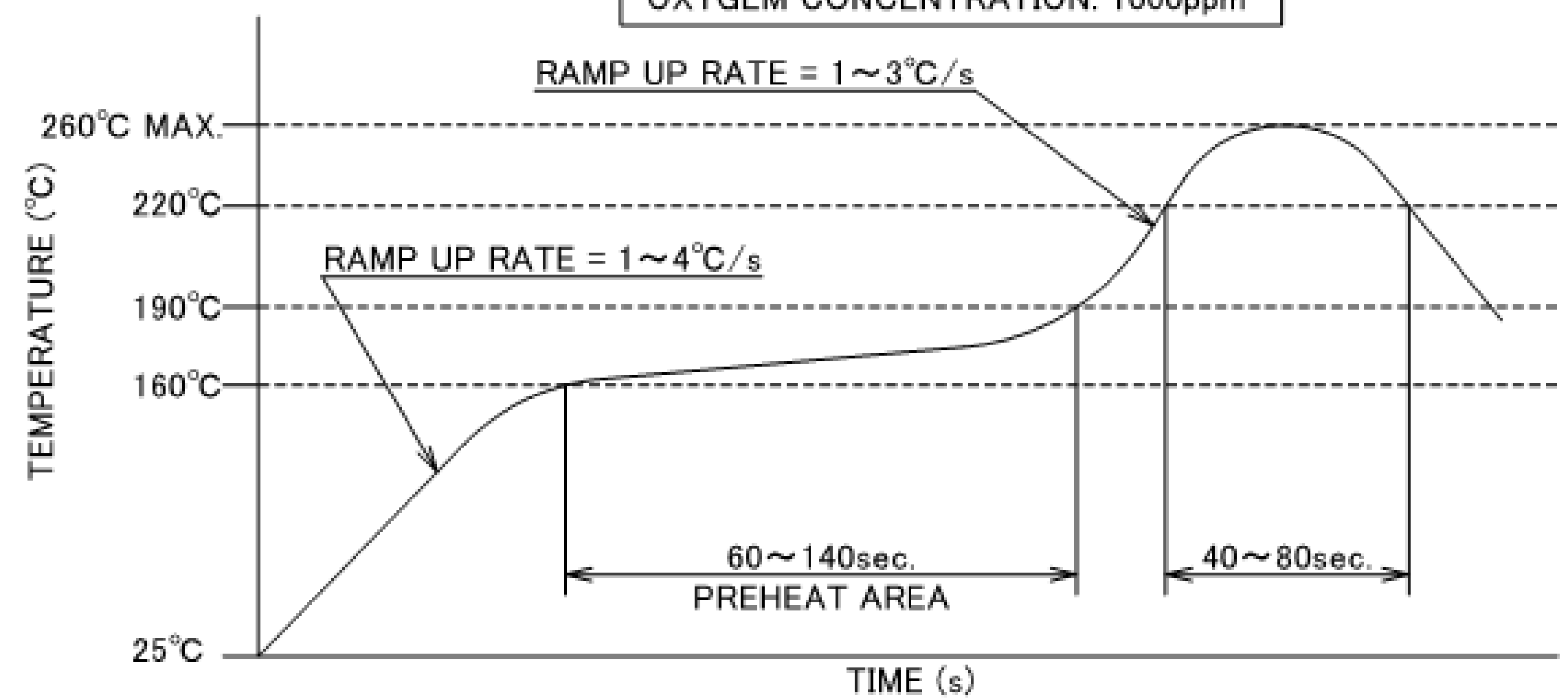
NOTES.  
1. APPLICABLE CONNECTOR  
AP-TSS10 (P/N: 3782-0002)

1	TERMINAL	BRASS	【CONTACT AREA, SMT AREA】 PLATING: Sn 1.0~5.5 μm OVER Ni 1.0~5.5 μm
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

Rev.1



OXYGEN CONCENTRATION: 1000ppm



REFLOW TEMPERATURE PROFILE  
ARAKAWA CHEMICAL INDUSTRY CO., LTD. : PSP-V (Sn96.5 Ag3.0 Cu0.5)

Rev.1

AP-LT10

ITEMS	SPECIFICATION
RATING VOLTAGE	32A DC
OPERATING TEMPERATURE	233~398K(−40℃~+125℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0mohm MAX. / AFTER TEST : 1.0mohm MAX.
SCREW TIGHTENING TORQUE	0.75~0.93 Nm(REFERENCE)
PRODUCT SPECIFICATION	PRS-2845
TEST REPORT	TR-23036
PACKING STANDARD	PST-23064
APPEARANCE CRITERIA No.	QLS-A***

Rev.1



# Custom Connectors Available

 RF  
Connectors

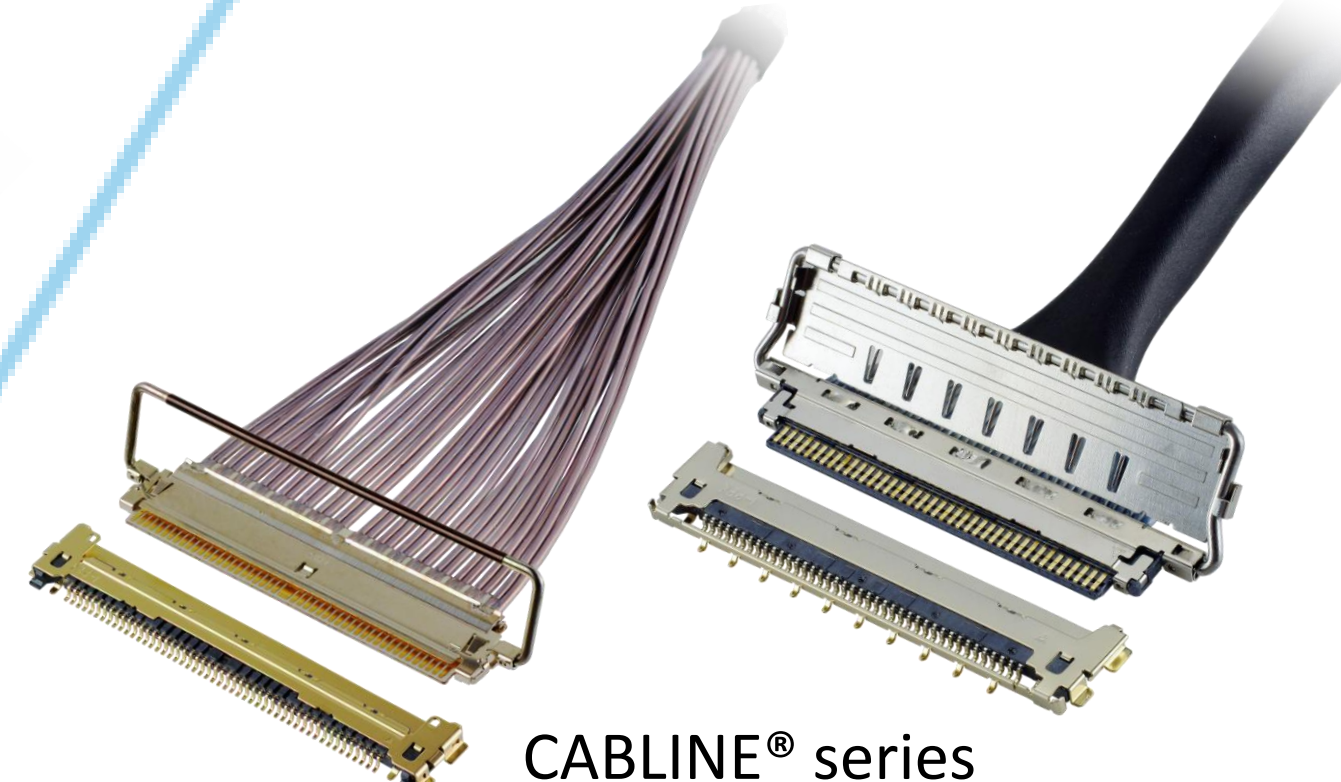
MHF® series



CABLINE® series



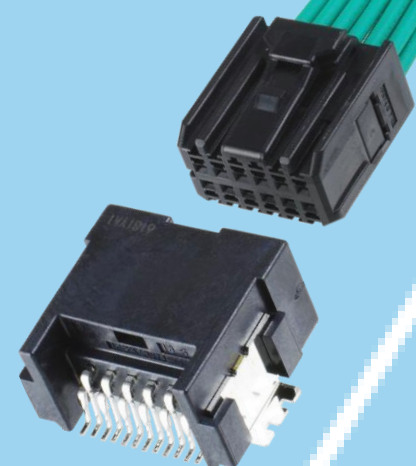
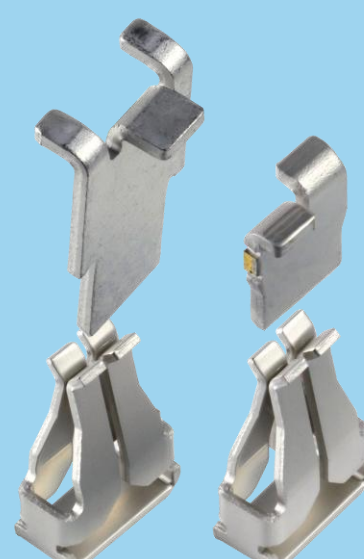
Micro-Coaxial/Twinaxial  
Connectors



Wire-to-Board  
Connectors/  
Terminals

AP series

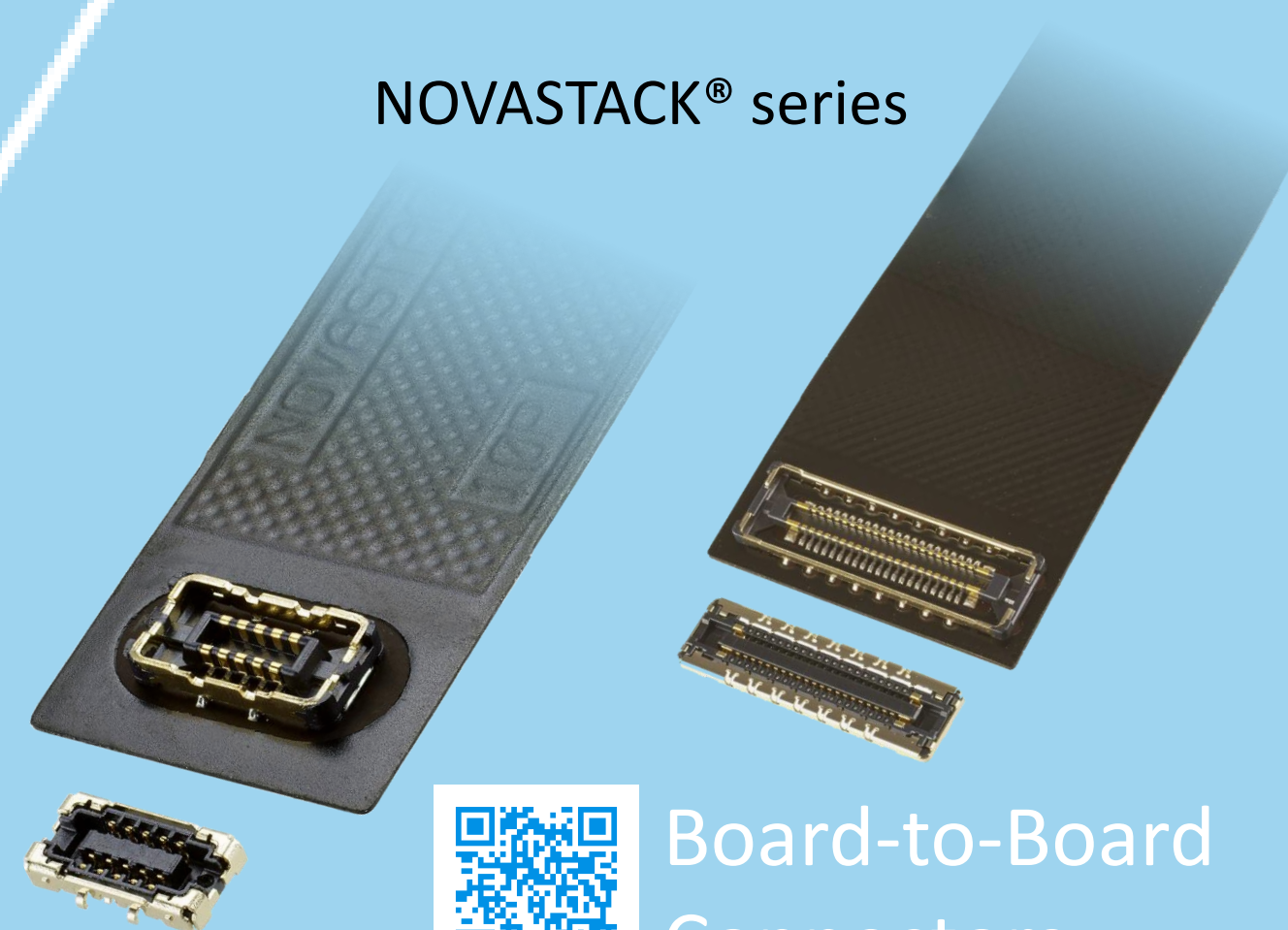
ISH® series



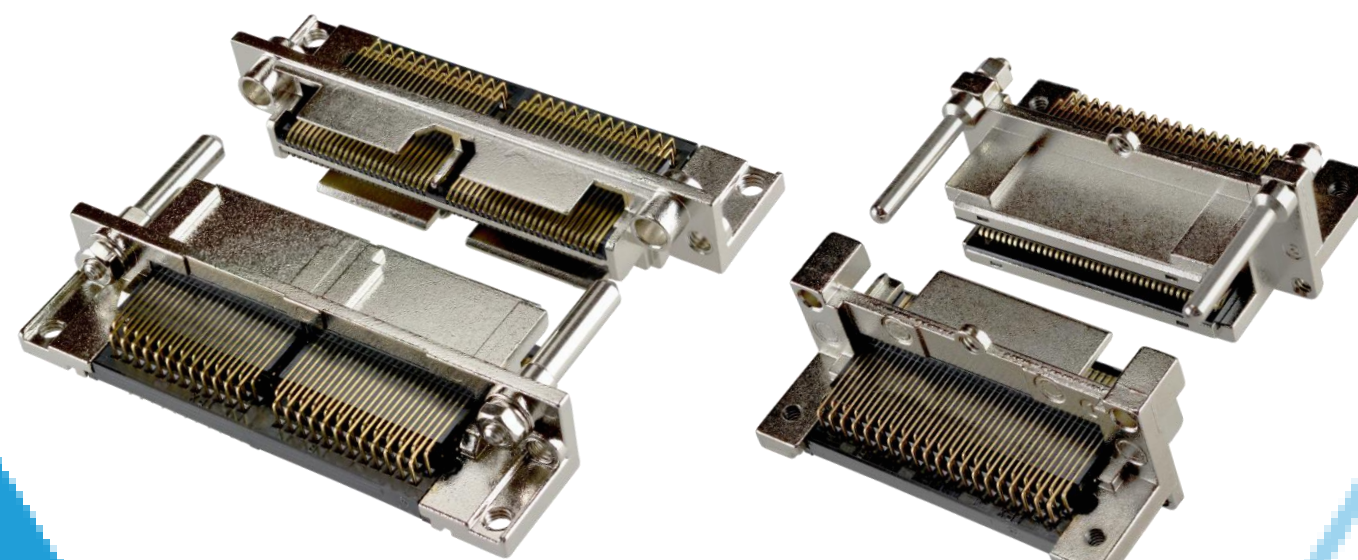
NOVASTACK® series



Board-to-Board  
Connectors



I/O  
Connectors



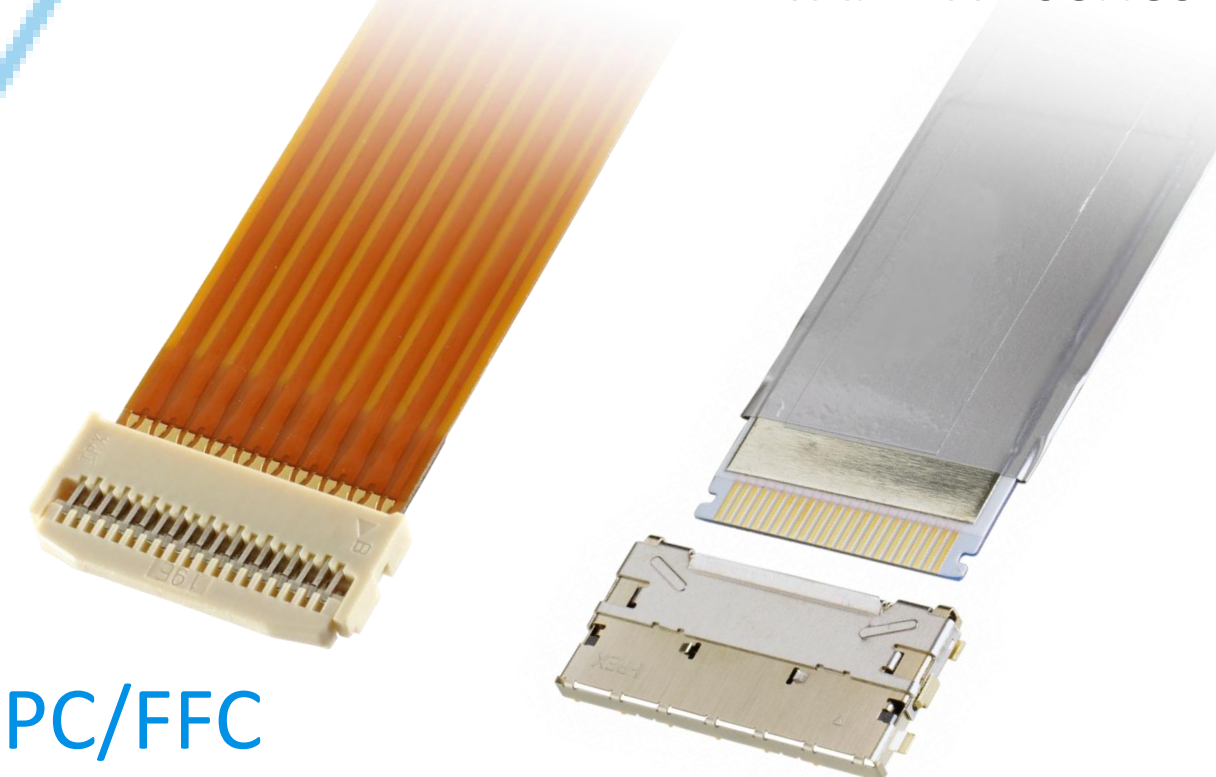
MINIDOCK™ series

MINIFLEX® series

EVAFLEX® series



FPC/FFC  
Connectors



Inquiry



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