

AP-TSS10, AP-LT10

高强度电流(32A)、高温(125°C) 垫片/电源端子、PCB SMT端子，使用SMT和M3(8.00毫米)螺钉即可轻松操作

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

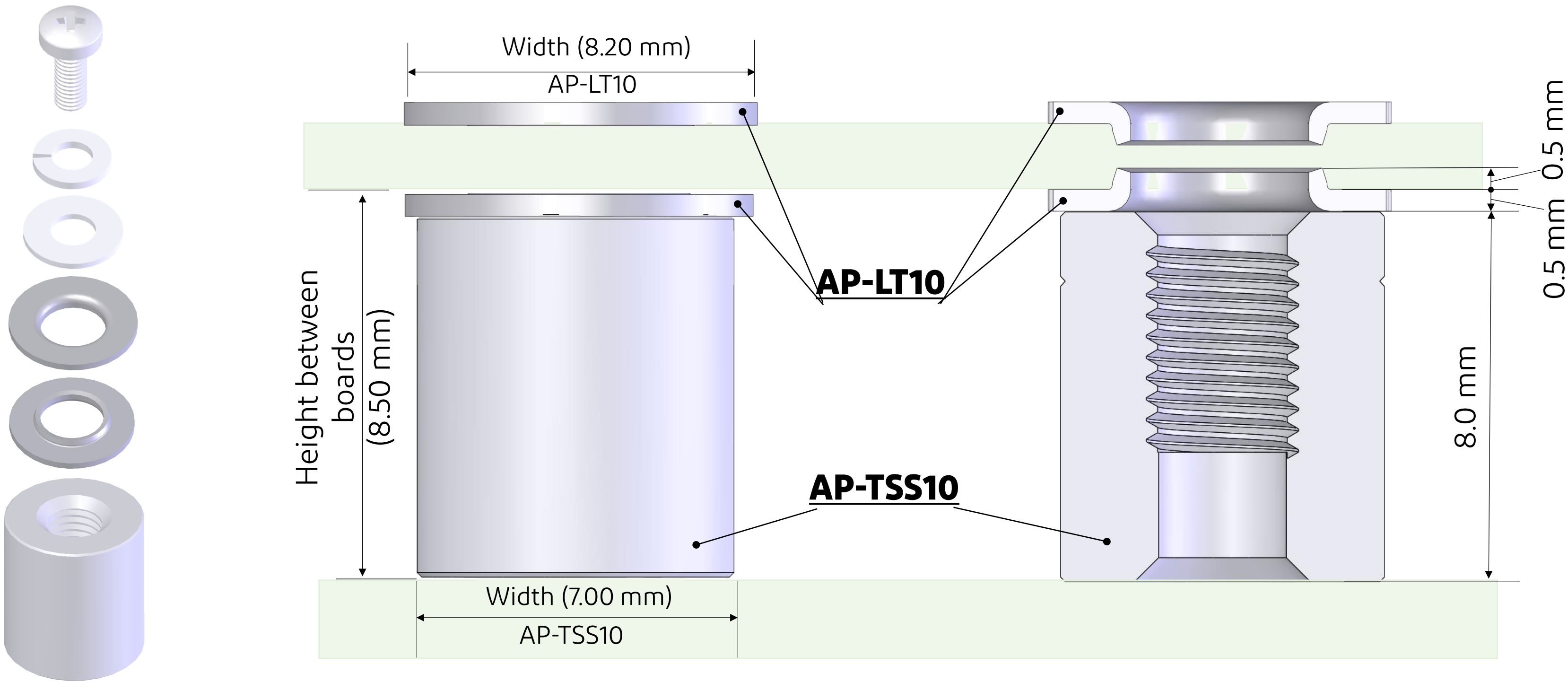
*关于高度范围、尺寸和电流强度，请您咨询我们。

Product Specifications:

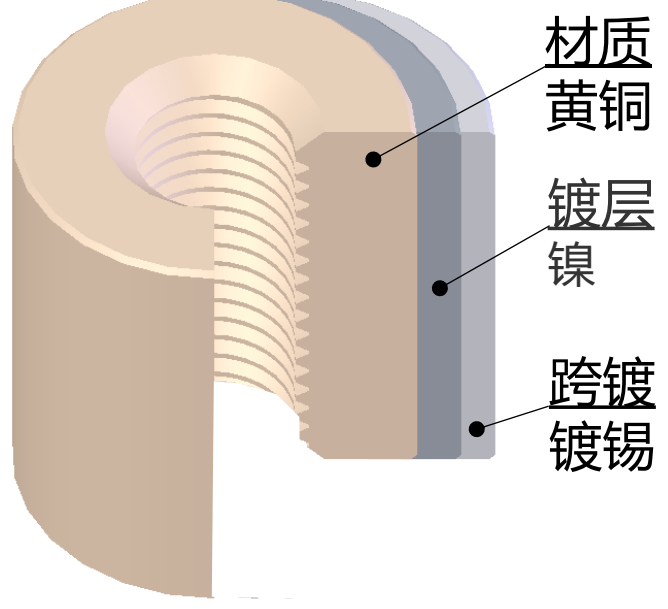
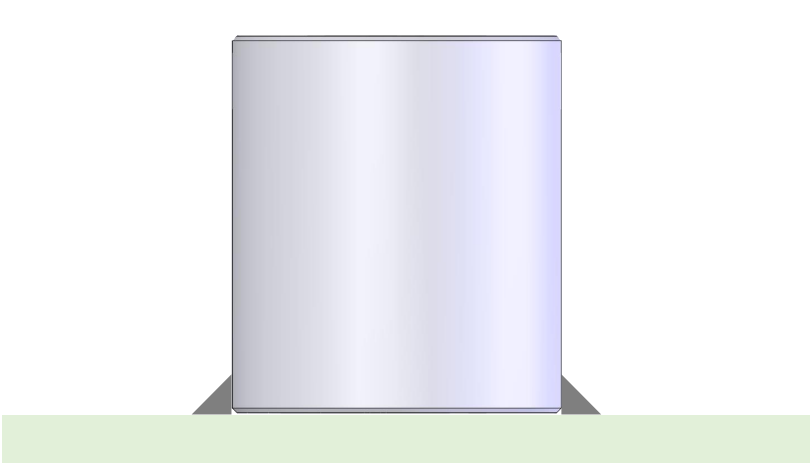
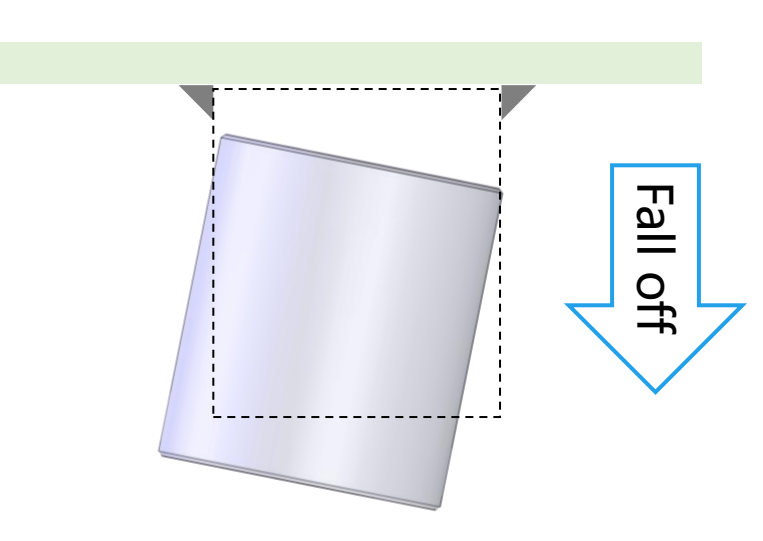
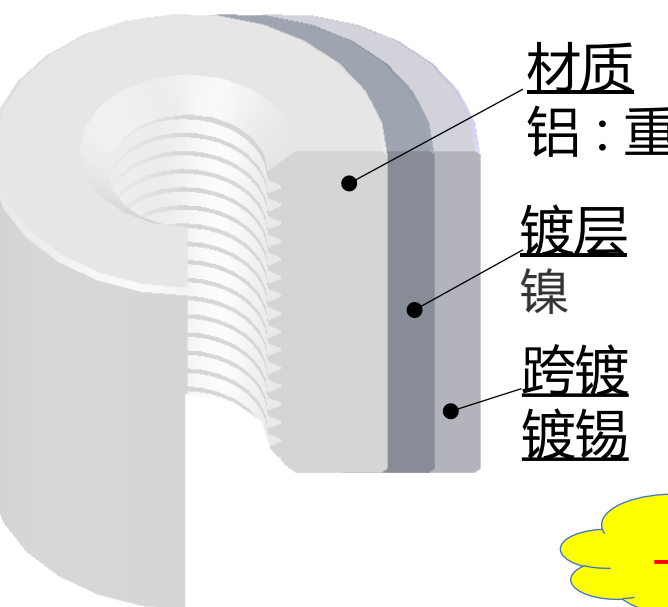
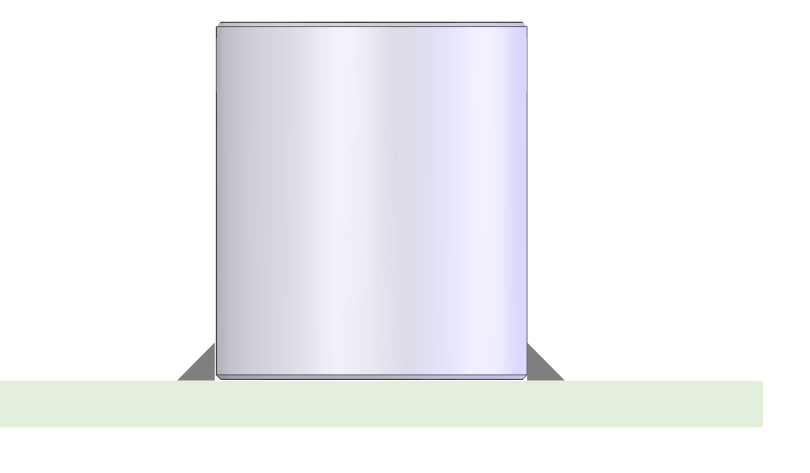
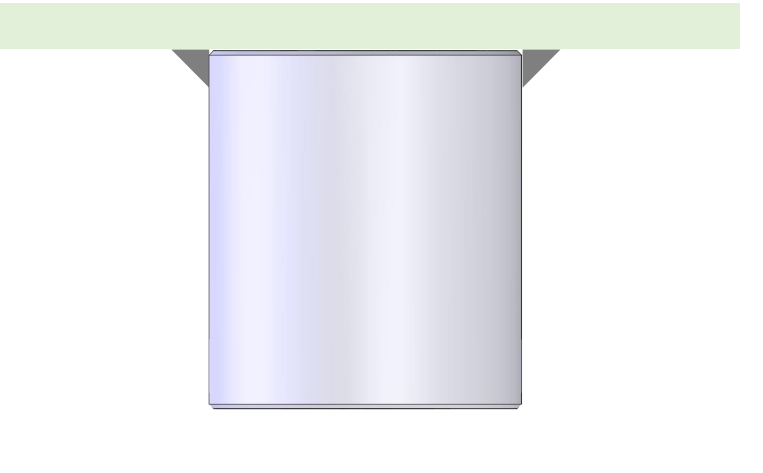
Amperage	32A DC
Operating Temperature	-40 - 125°C
Contact resistance	1.0 mΩ Max.



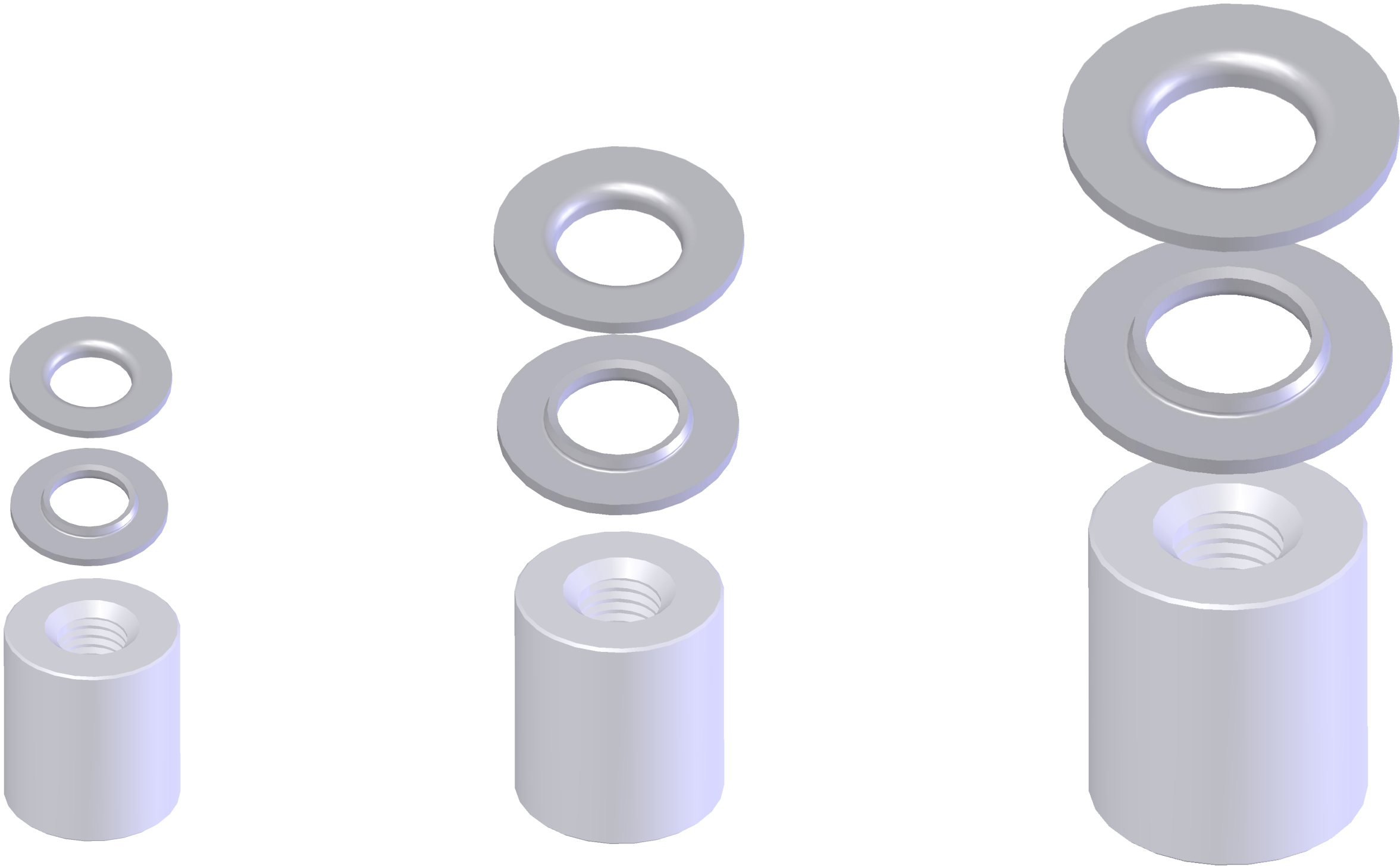
高强度电流(32A)、高温(125度)垫片/电源端子、PCB SMT端子



减轻连接器重量，使其在安装有反向器的情况下第二次流动，并有助于灵活的SMT设计

	连接器结构	第一次回熔焊接	第二次反向回熔焊接
黄铜			
铝	 重量比: 下降了67%		

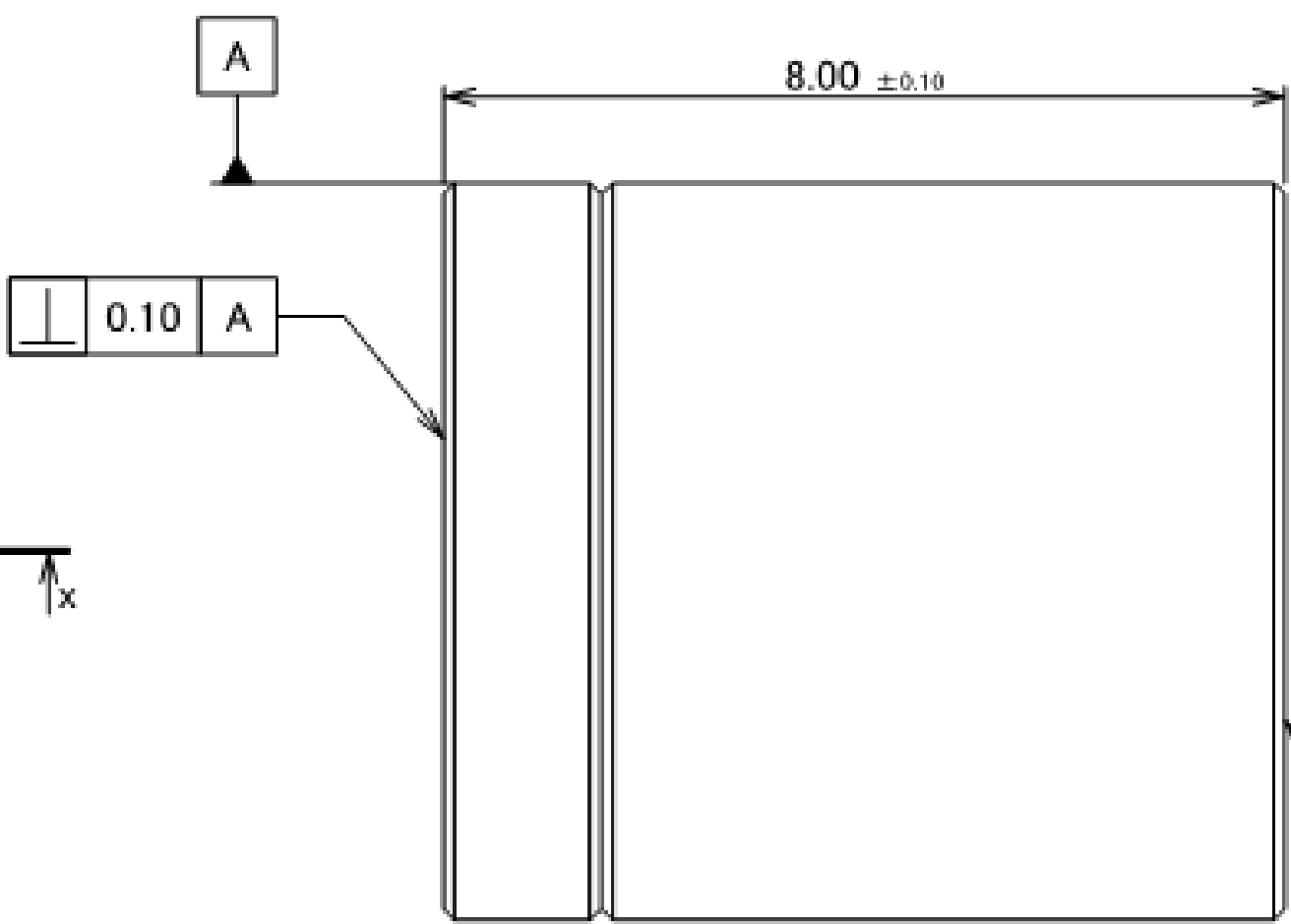
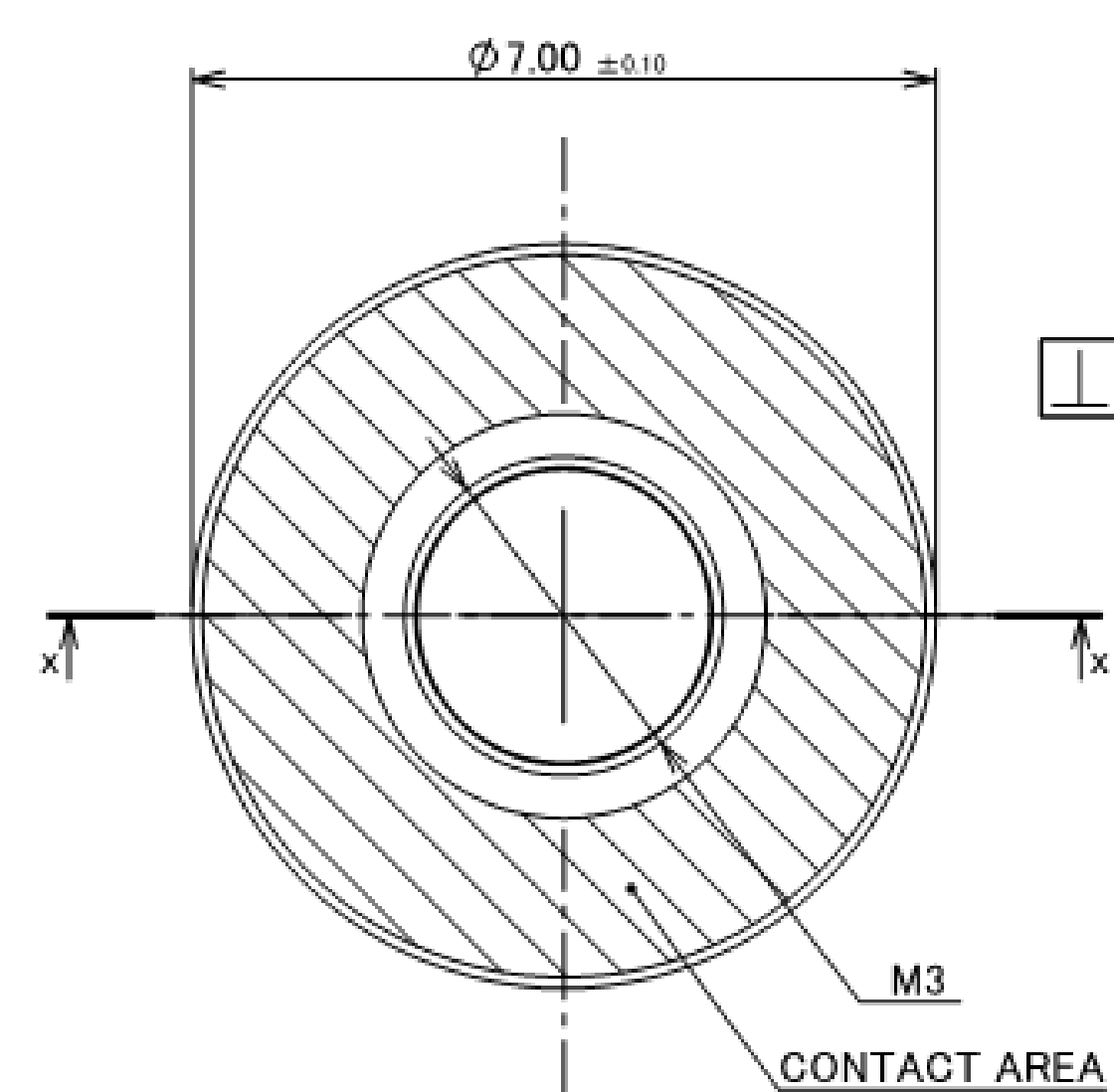
可根据要求提供特殊尺寸



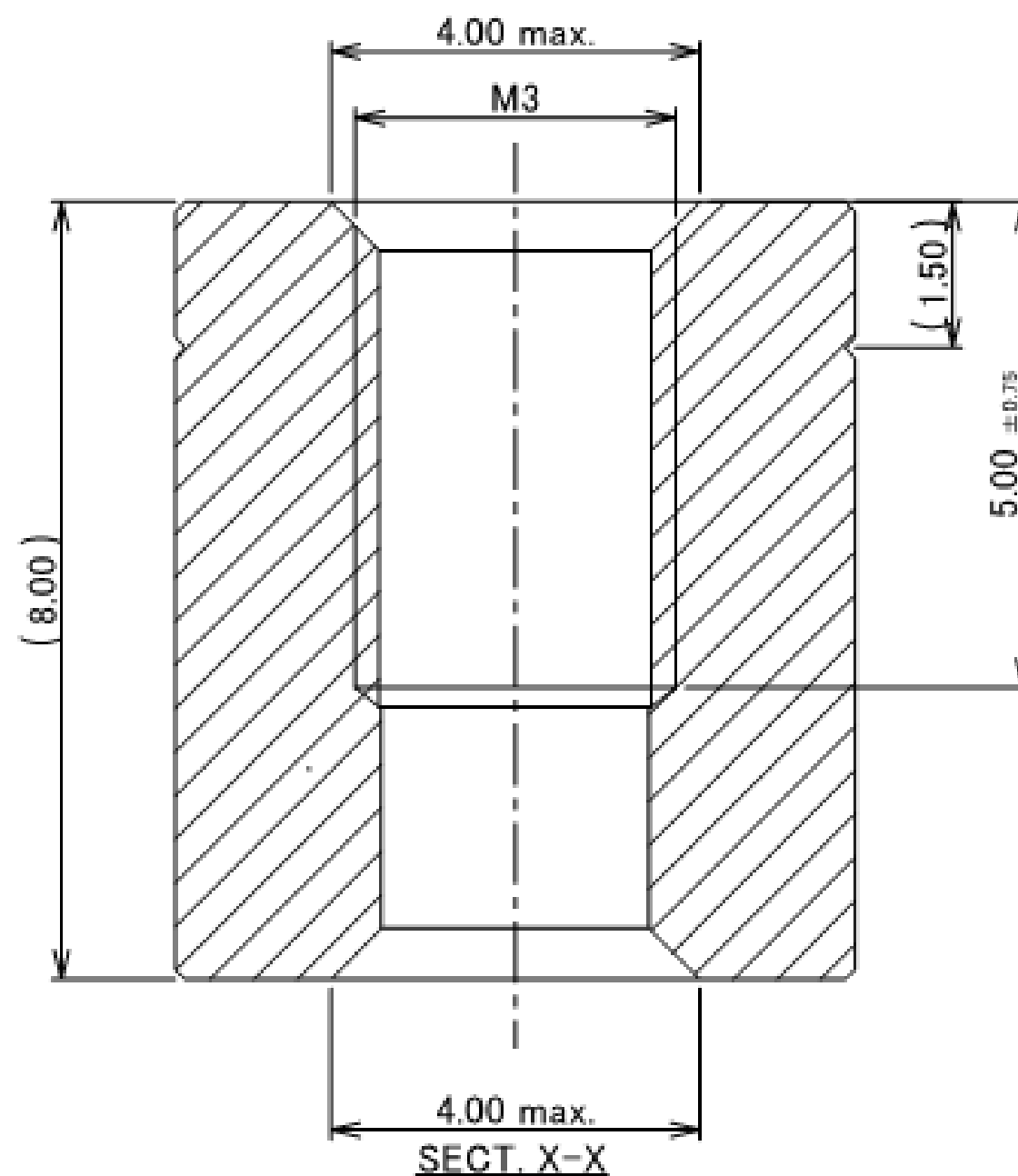
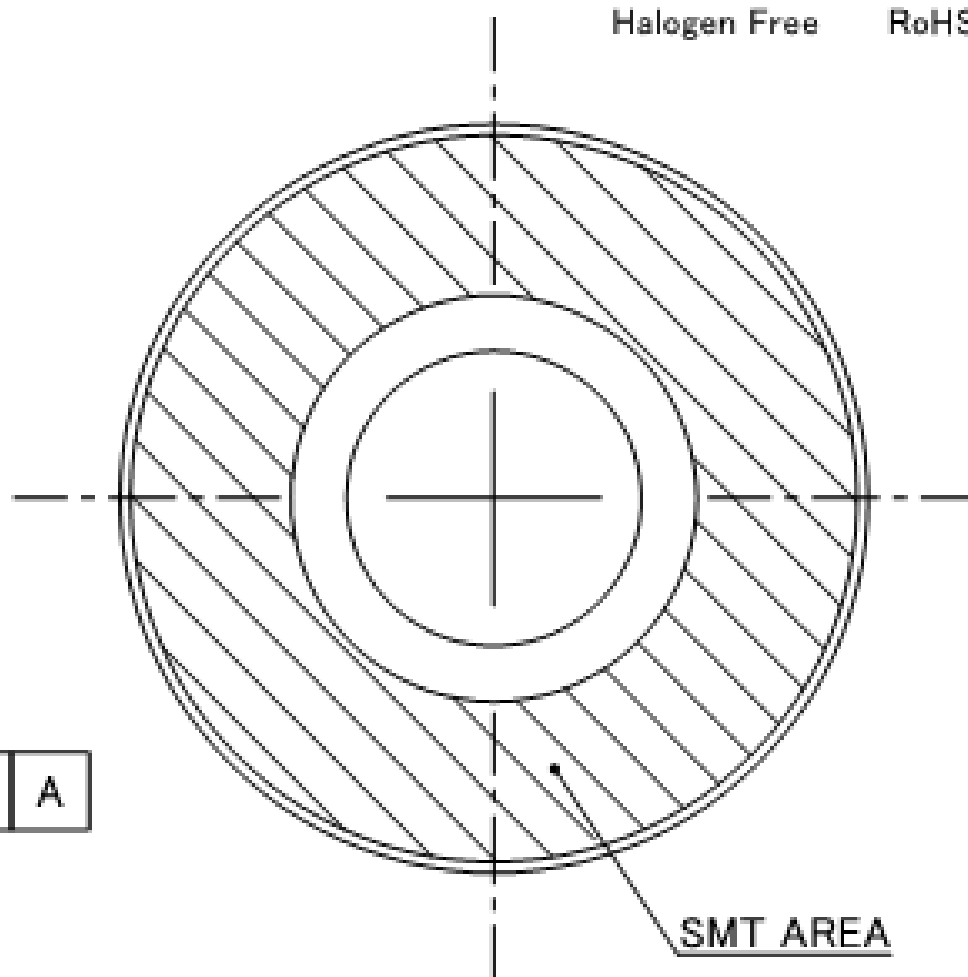
Component Parts Details

AP-TSS10

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



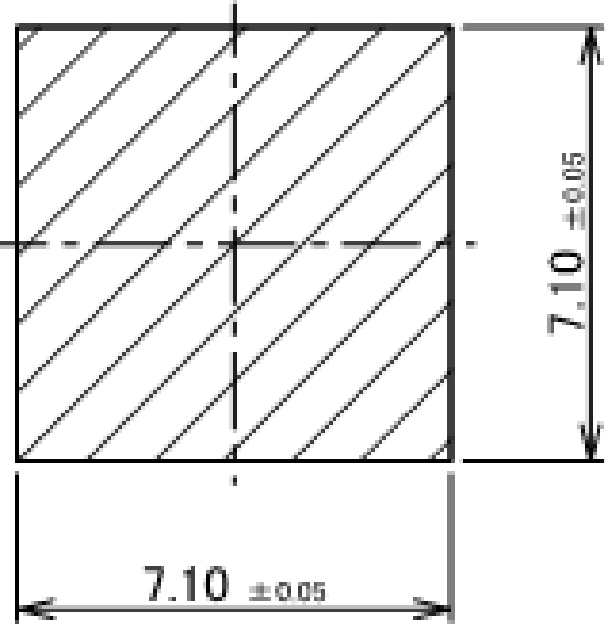
IATF 16949 Certified



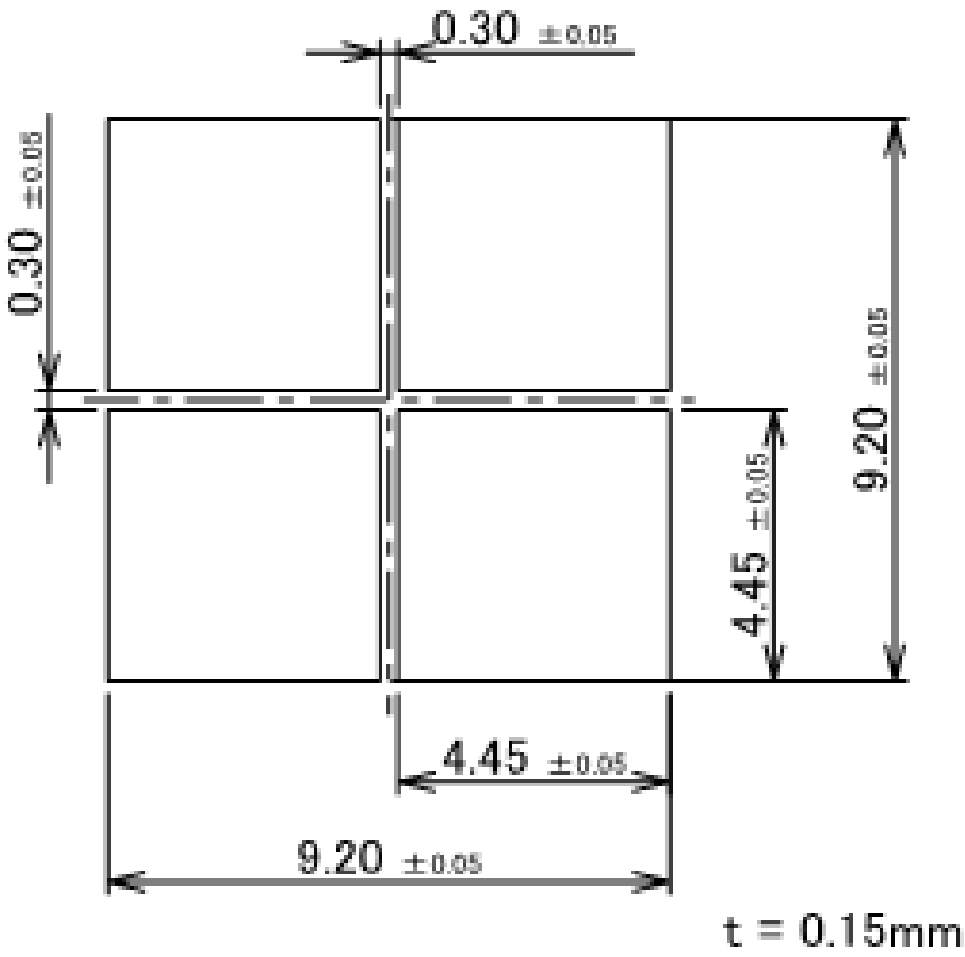
NOTES.
1. APPLICABLE CONNECTOR
AP-LT10 (P/N: 3571-0081-04T)

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

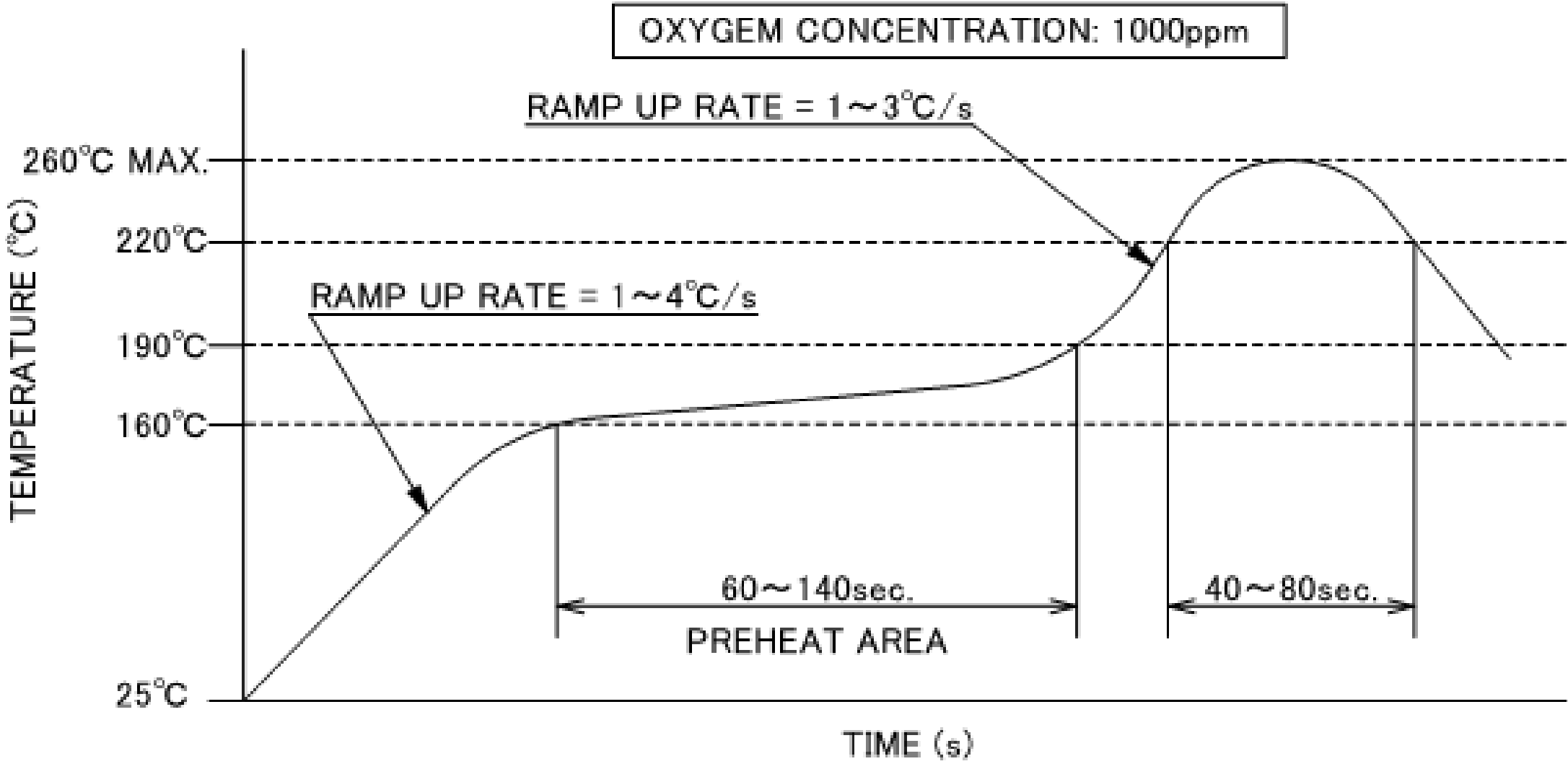
AP-TSS10



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK LAYOUT



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

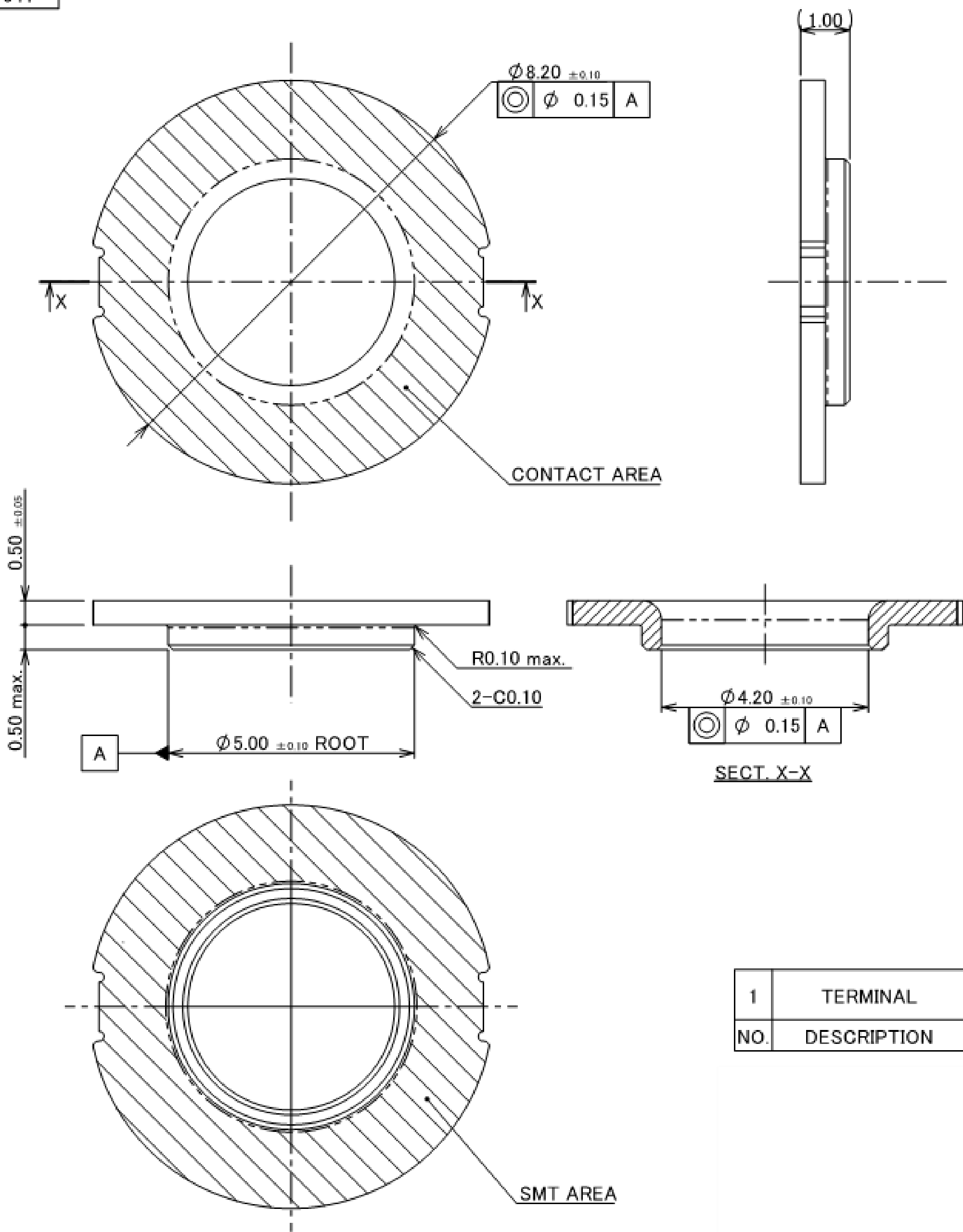
Rev.2

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-23063
APPEARANCE CRITERIA No.	QLS-A***

Rev.2

AP-LT10

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



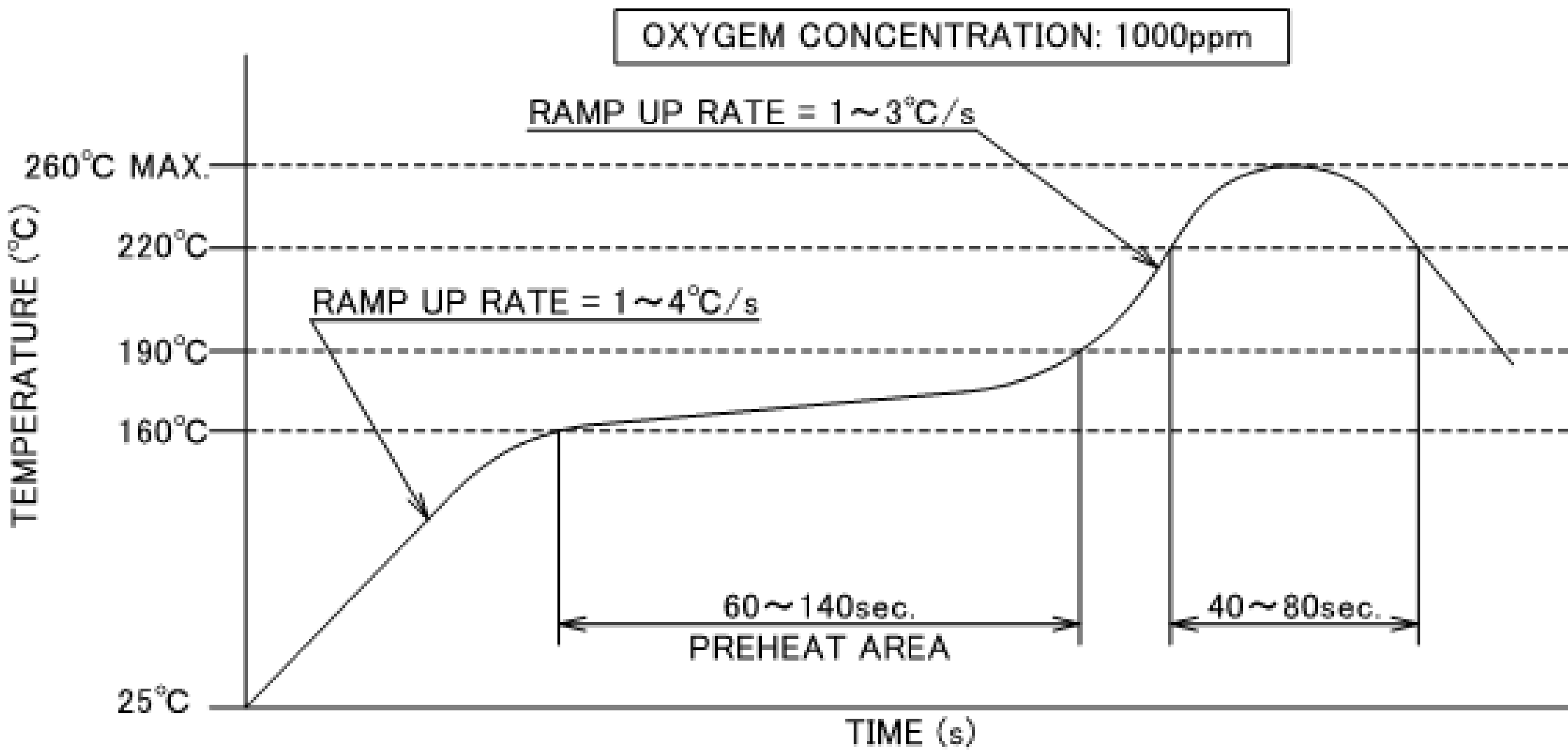
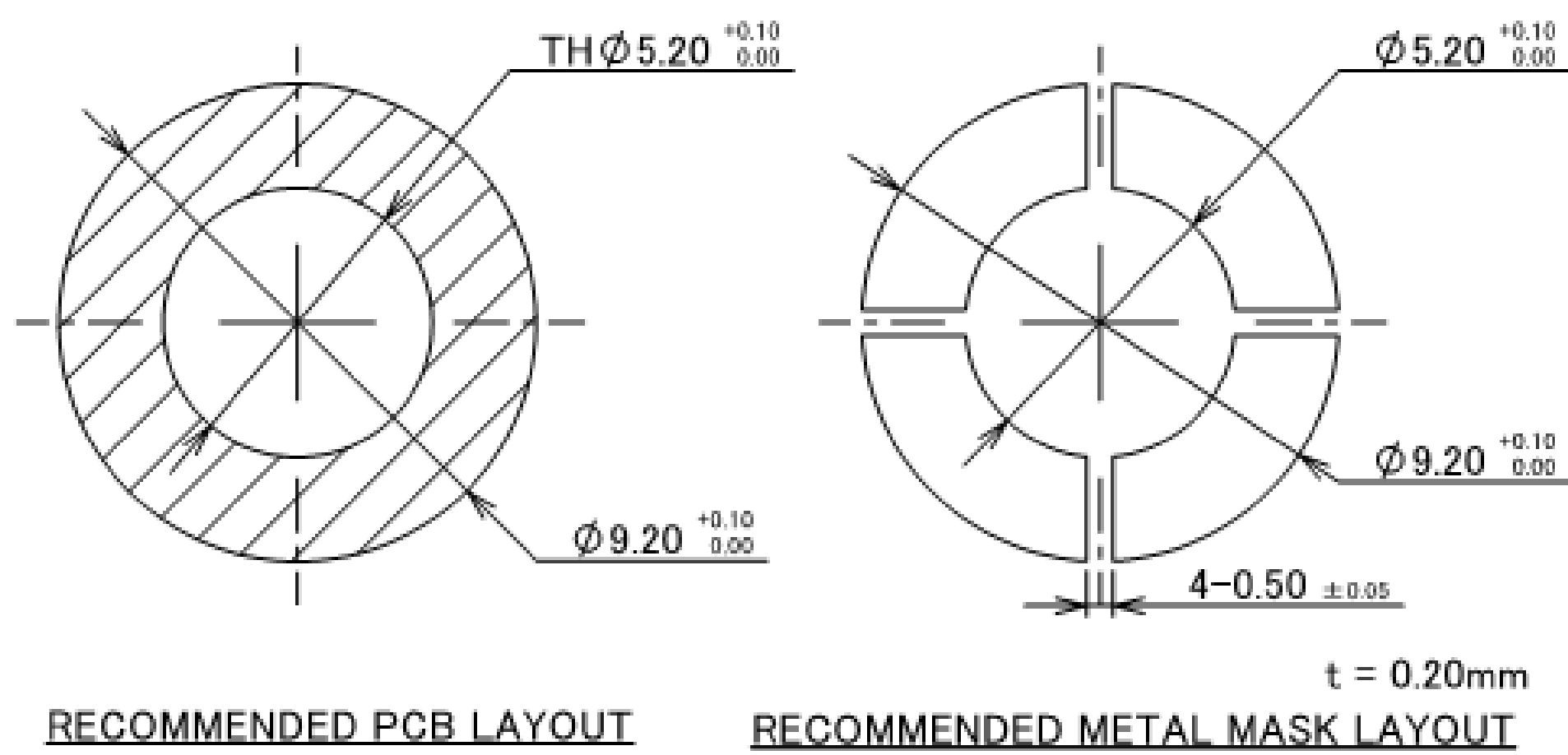
IATF 16949 Certified



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

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

Rev.1



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

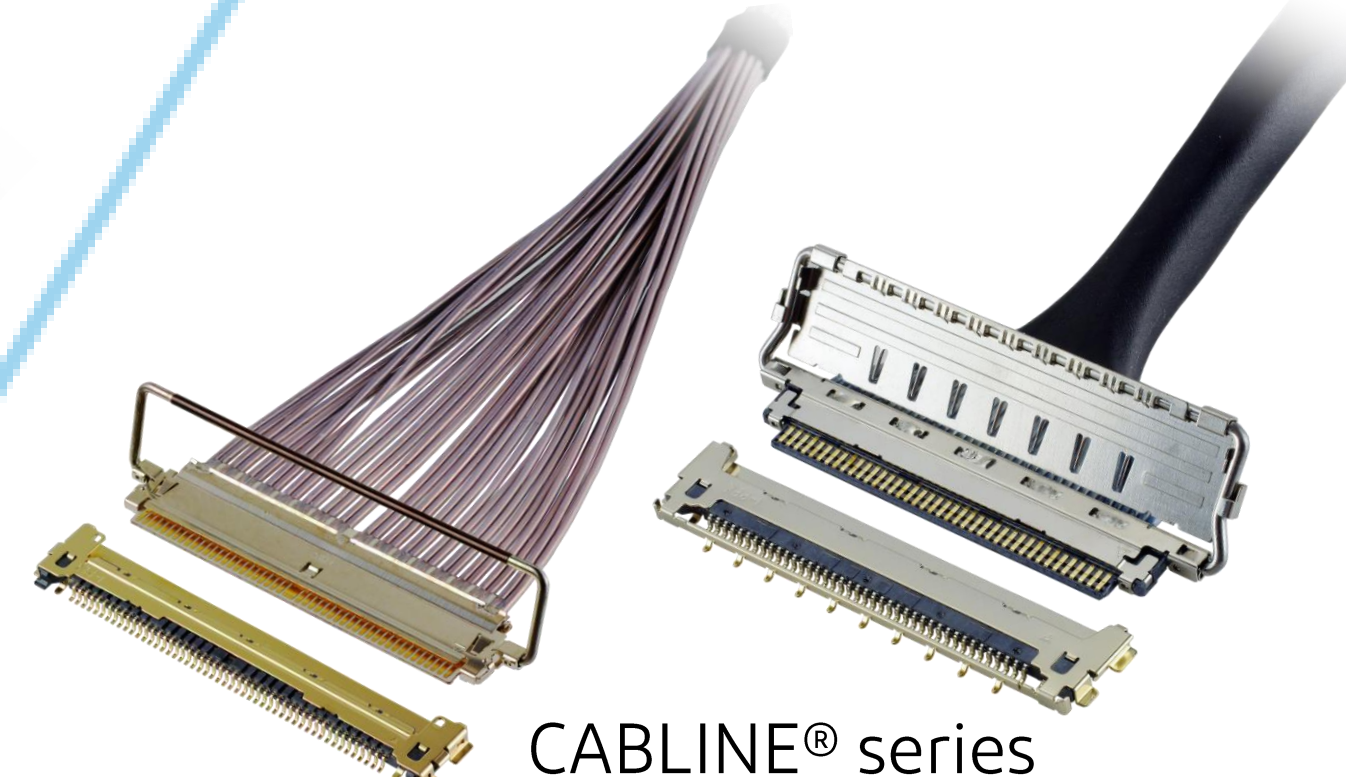


RF
Connectors

MHF® series



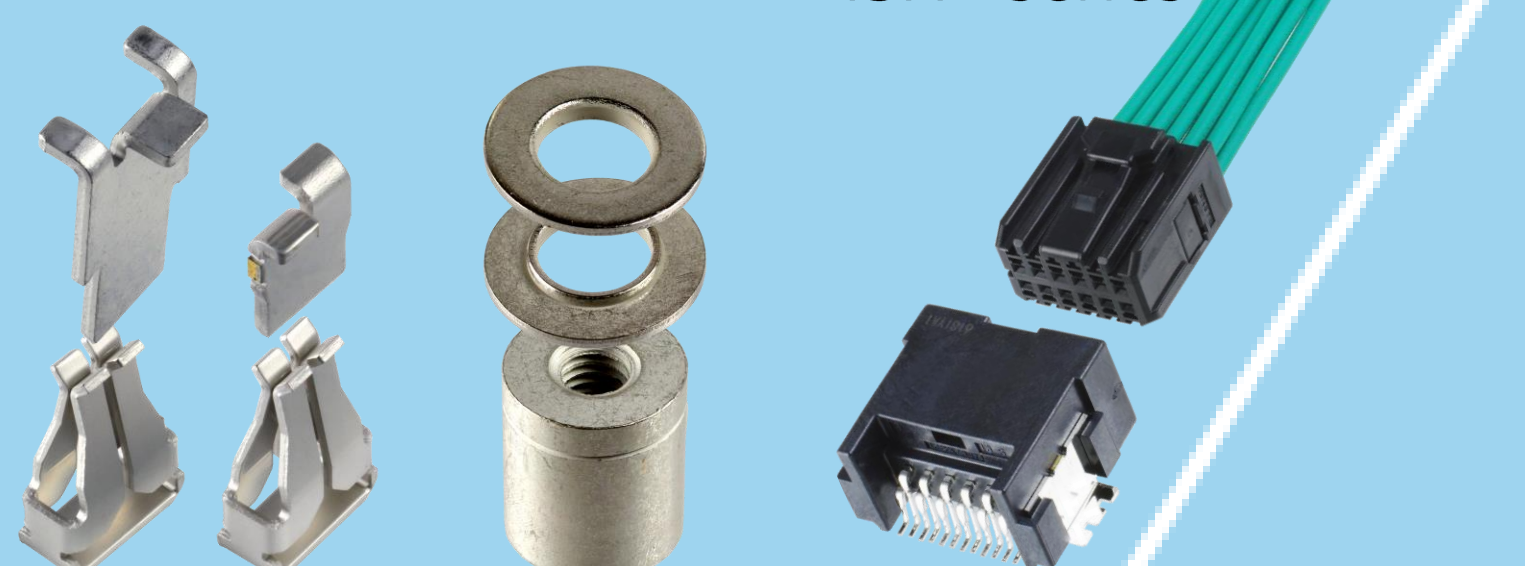
CABLIN® series
Micro-Coaxial/Twinaxial
Connectors



Wire-to-Board
Connectors/
Terminals

AP series

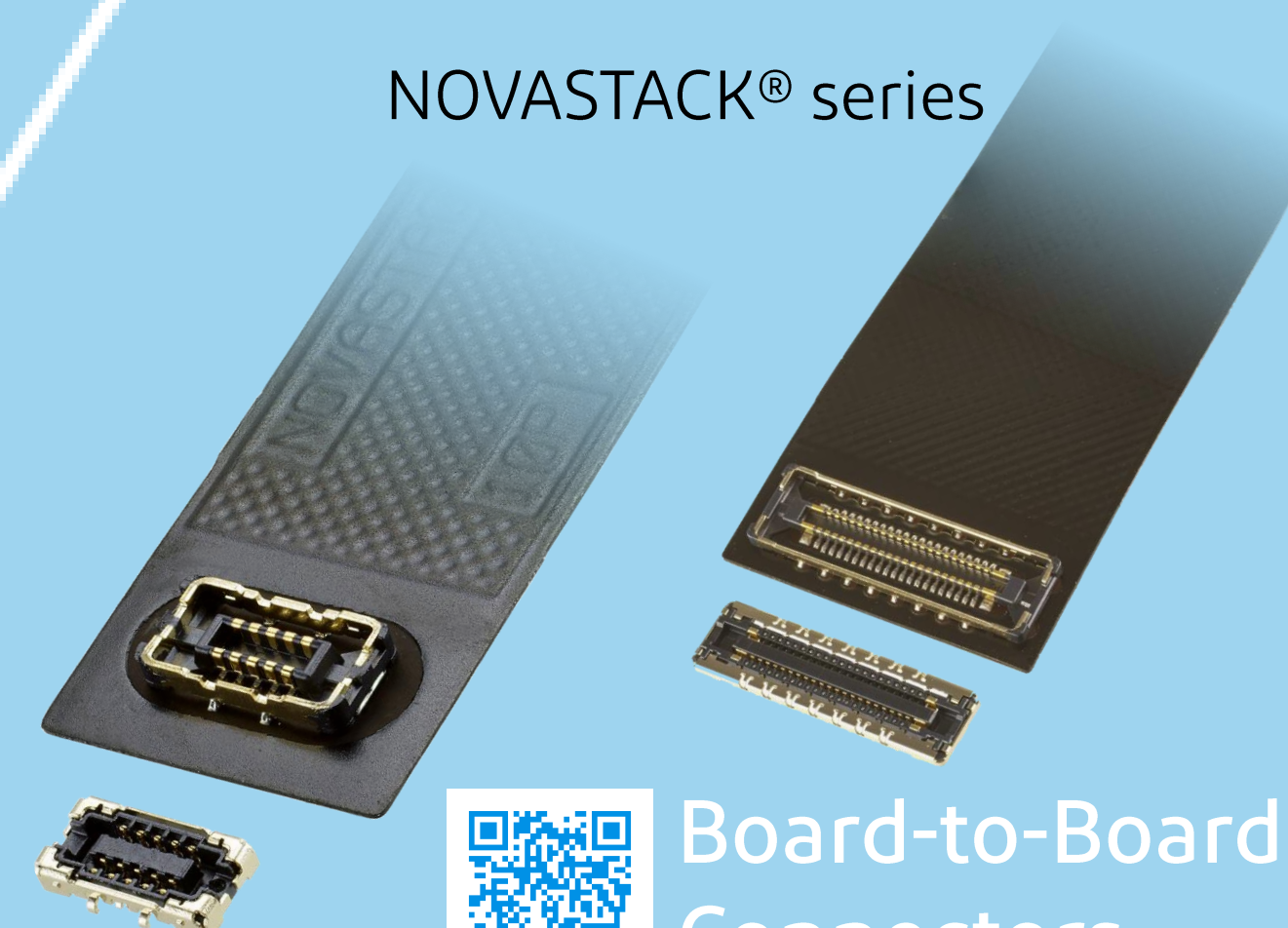
ISH® series



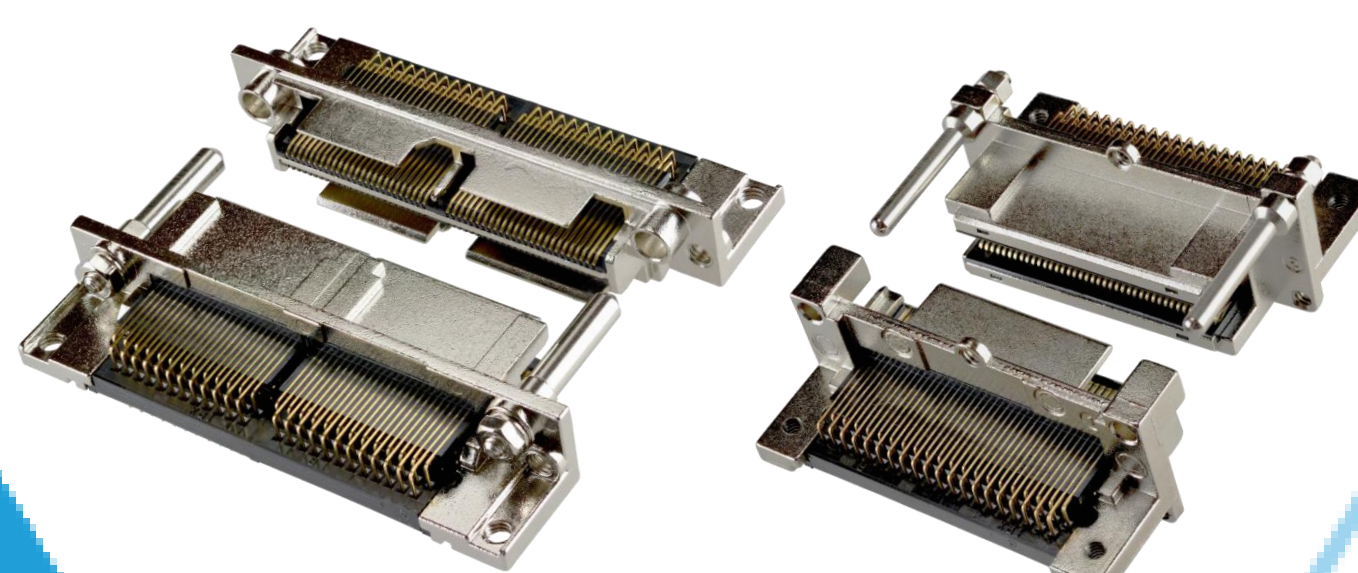
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors

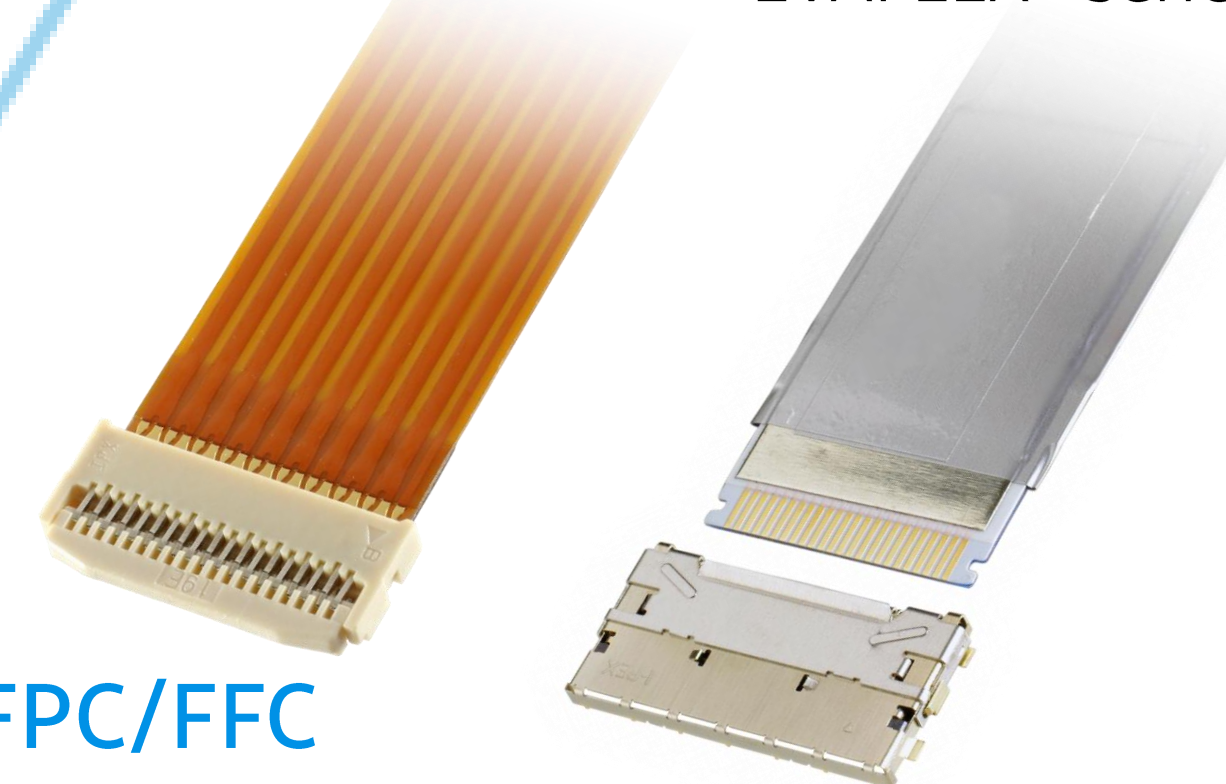


MINIDOCK™ series

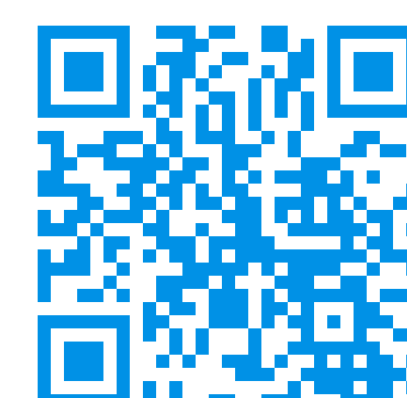


FPC/FFC
Connectors

MINIFLEX® series EVAFLEX® series



Inquiry



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