

AP-TSS10, AP-LT10

High current (32 A), high temperature (125 °C) Power terminals and spacers, lug terminals, easily operate with SMT and M3 (8.00 mm) screws

Product Specifications:

Product name		AP-TSS10 / AP-LT10
Parts number and name		3782-0001 (AP-TSS10)
		3571-0081-02T (AP-LT10)
Size (mm)	Height (mm)	8.00 mm (AP-TSS10)
		1.00 mm (AP-LT10)
	Width (mm)	Ø7.00 ± 0.10 mm (AP-TSS10)
		Ø8.20 ± 0.10 mm (APLT-10)
Mating Type		Vertical (M3 thread screw)
Plating Type		Sn / Ni plating
Packing standard		EMBOSS

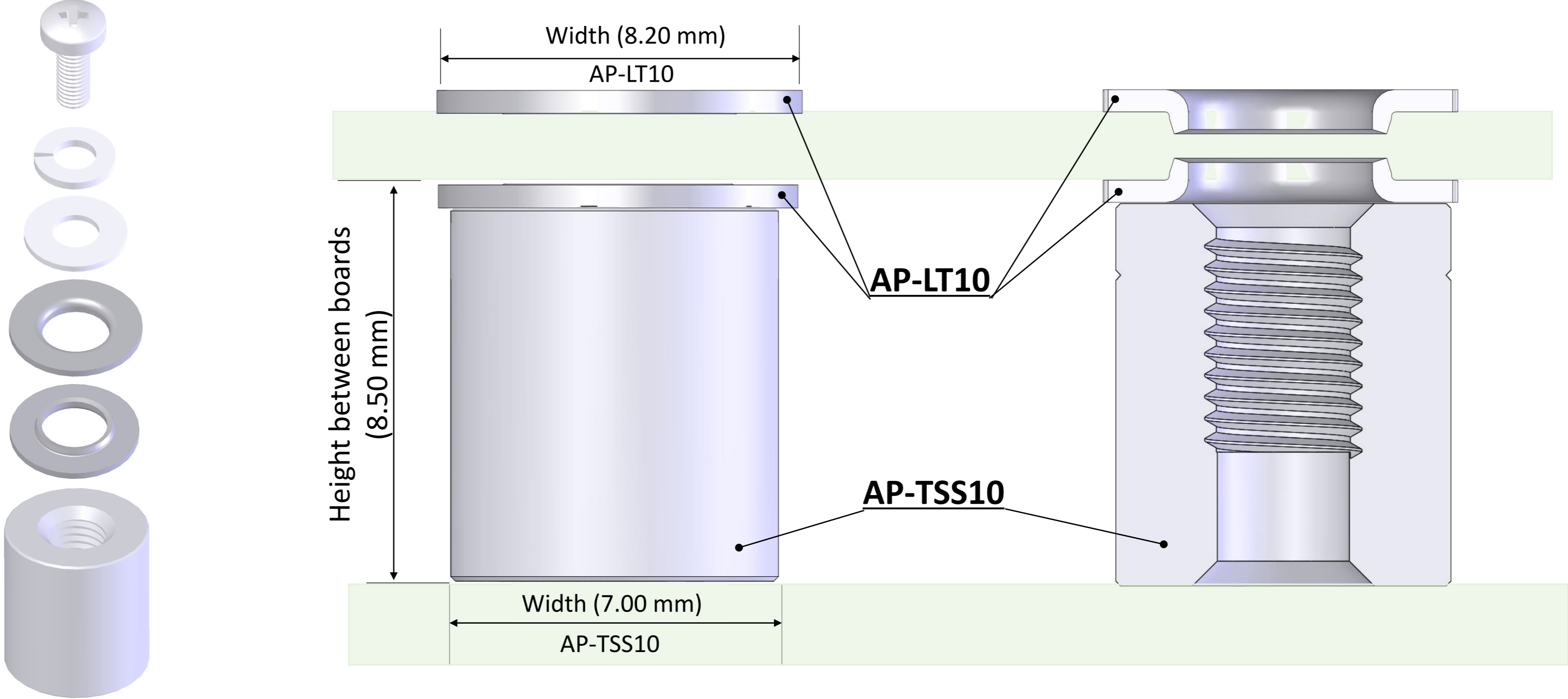
* Please inquire for height range, size and current amperage.

Product Specifications:

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



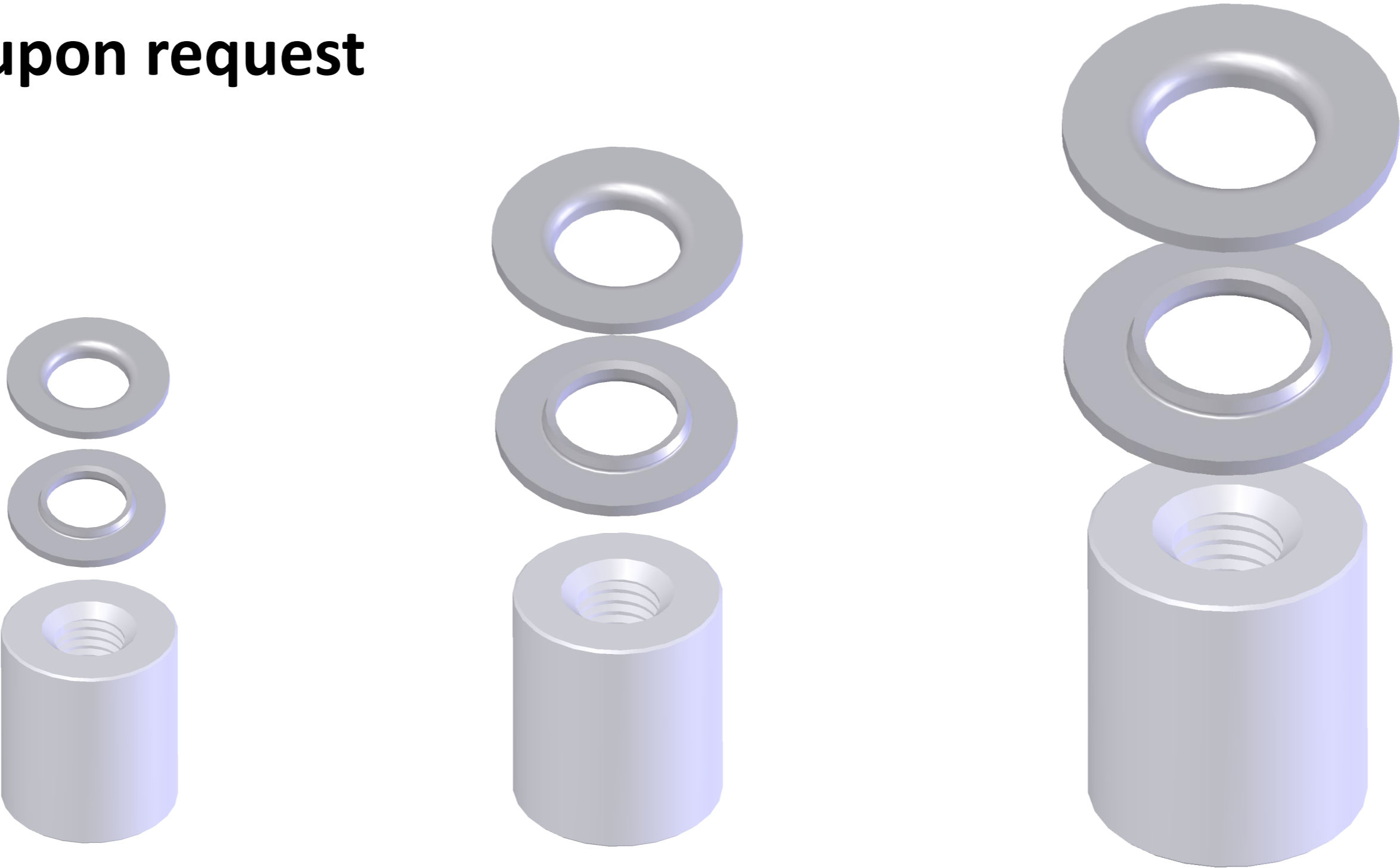
► High current (32 A), high temperature (125 °C) power supply terminal, and lug terminal



► Reduced connector weight makes the second reflow with reverse mounting possible contributing to a flexible SMT design

	Connector structure	1 st mounted reflow	2 nd reverse mounted reflow
Brass	<div><p>Unit : mg</p><p>Material Brass : weight 8.5</p><p>Layer plating Nickel</p><p>Over Plating Tin-Plating</p></div>		
Aluminum	<div><p>Material Aluminum : weight 2.8</p><p>Layer plating Nickel</p><p>Over Plating Tin-Plating</p><p>Weight ratio: 67% down</p></div>		

► Special size available upon request

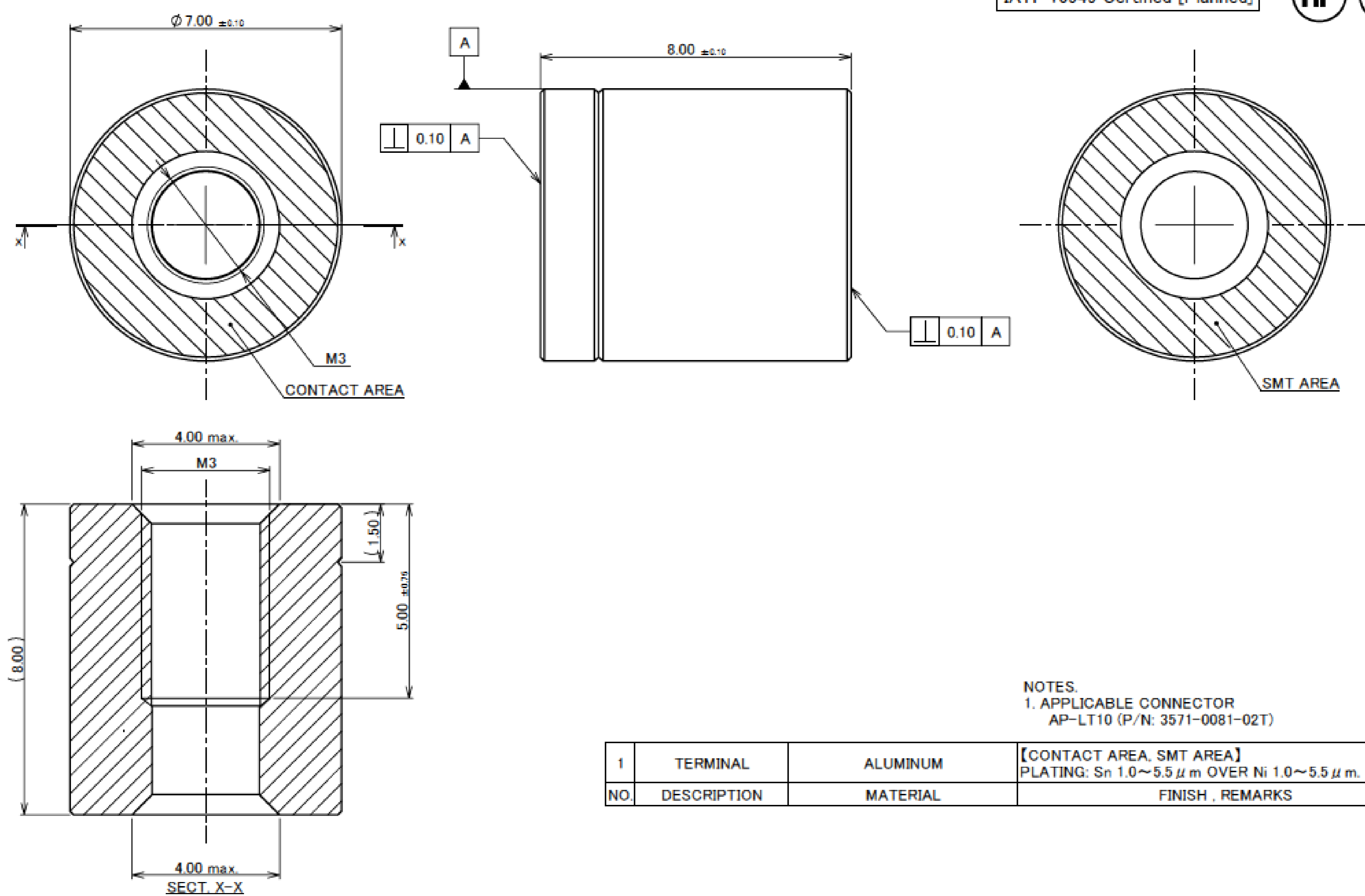


Component Parts Details

AP-TSS10

Recommended P/N	3782-0001
PART No.	3782-0001

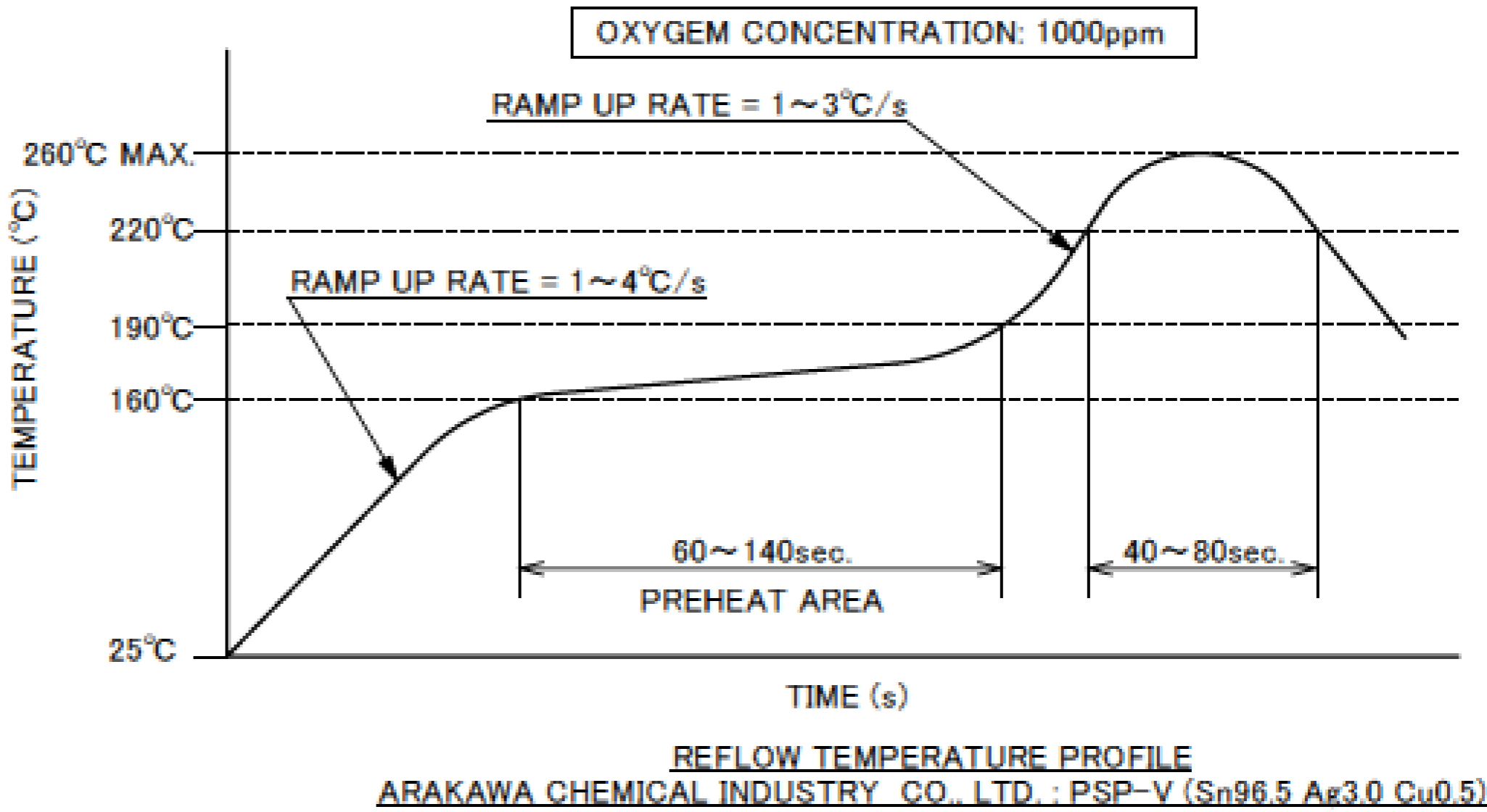
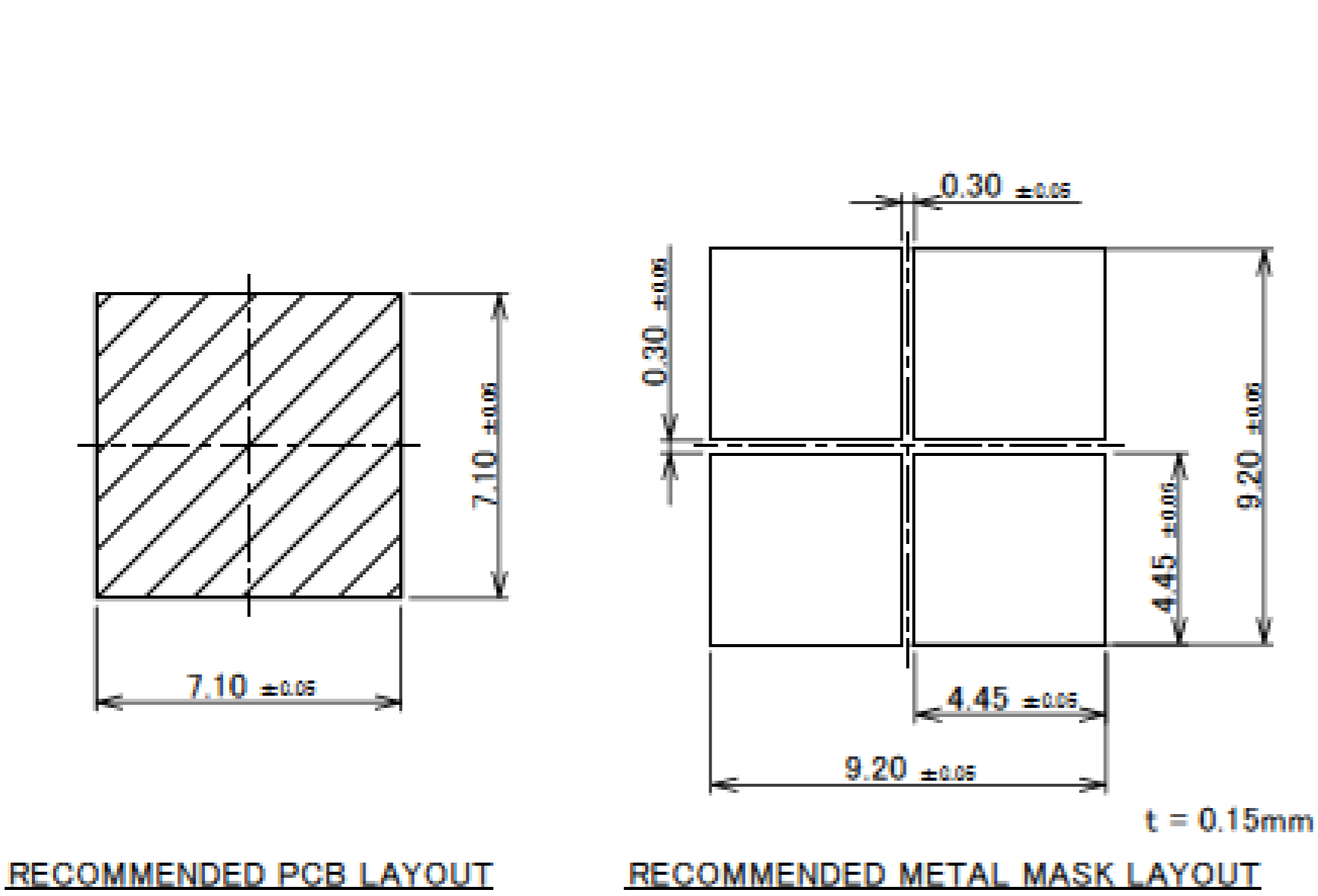
IATF 16949 Certified [Planned]



NOTES.
1. APPLICABLE CONNECTOR
AP-LT10 (P/N: 3571-0081-02T)

1	TERMINAL	ALUMINUM	【CONTACT AREA, SMT AREA】
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

AP-TSS10



Rev.1

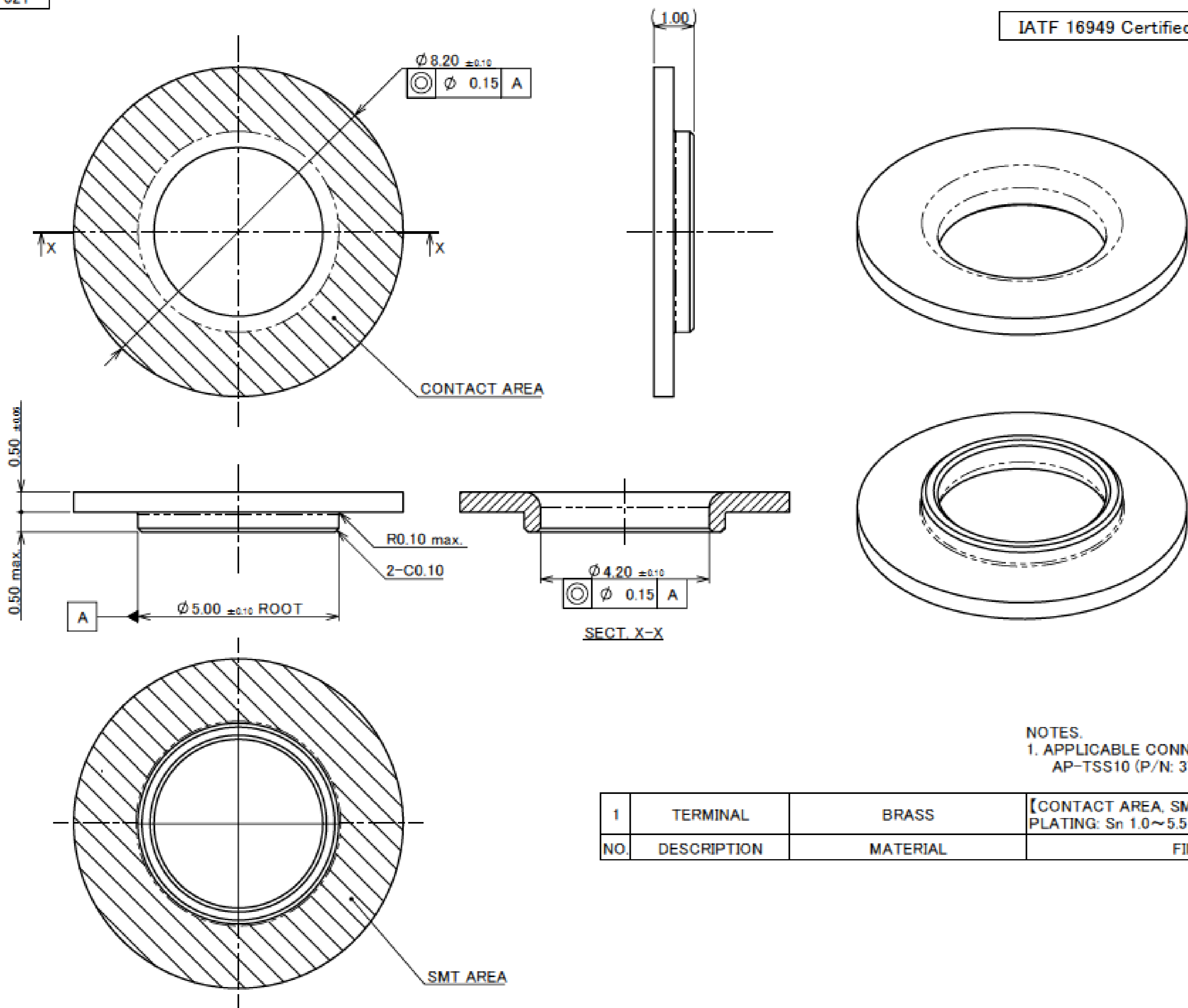
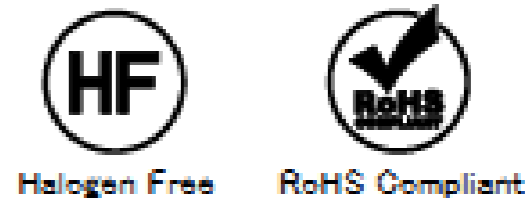
ITEMS	SPECIFICATION
RATING VOLTAGE	32A DC
OPERATING TEMPERATURE	233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0mohm MAX. / AFTER TEST : 1.0mohm MAX.
SCREW TIGHTENING TORQUE	0.75~0.93 Nm(REFERENCE)
PRODUCT SPECIFICATION	PRS-2845
TEST REPORT	TR-23036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

Rev.1

AP-LT10

Recommended P/N	3571-0081-02T
PART No.	
3571-0081-02T	

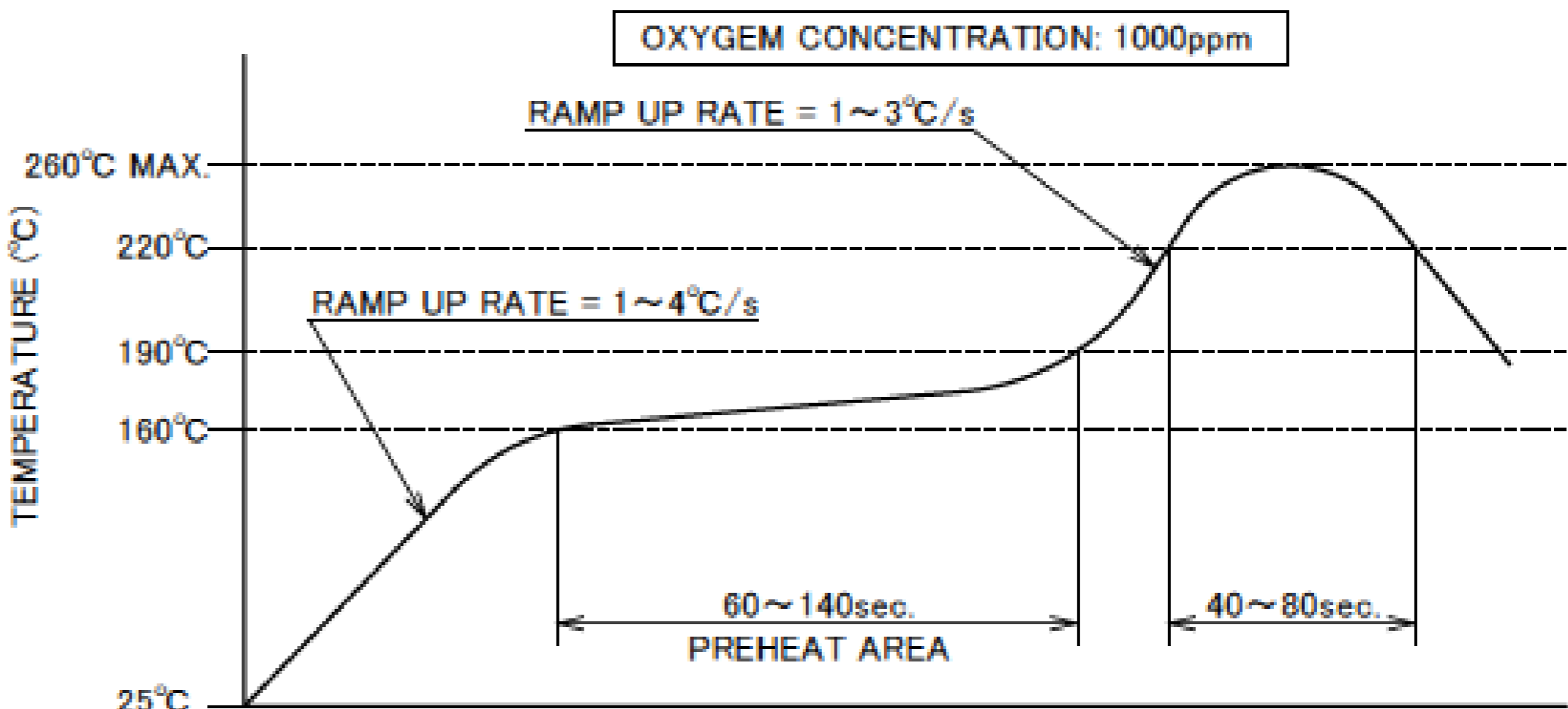
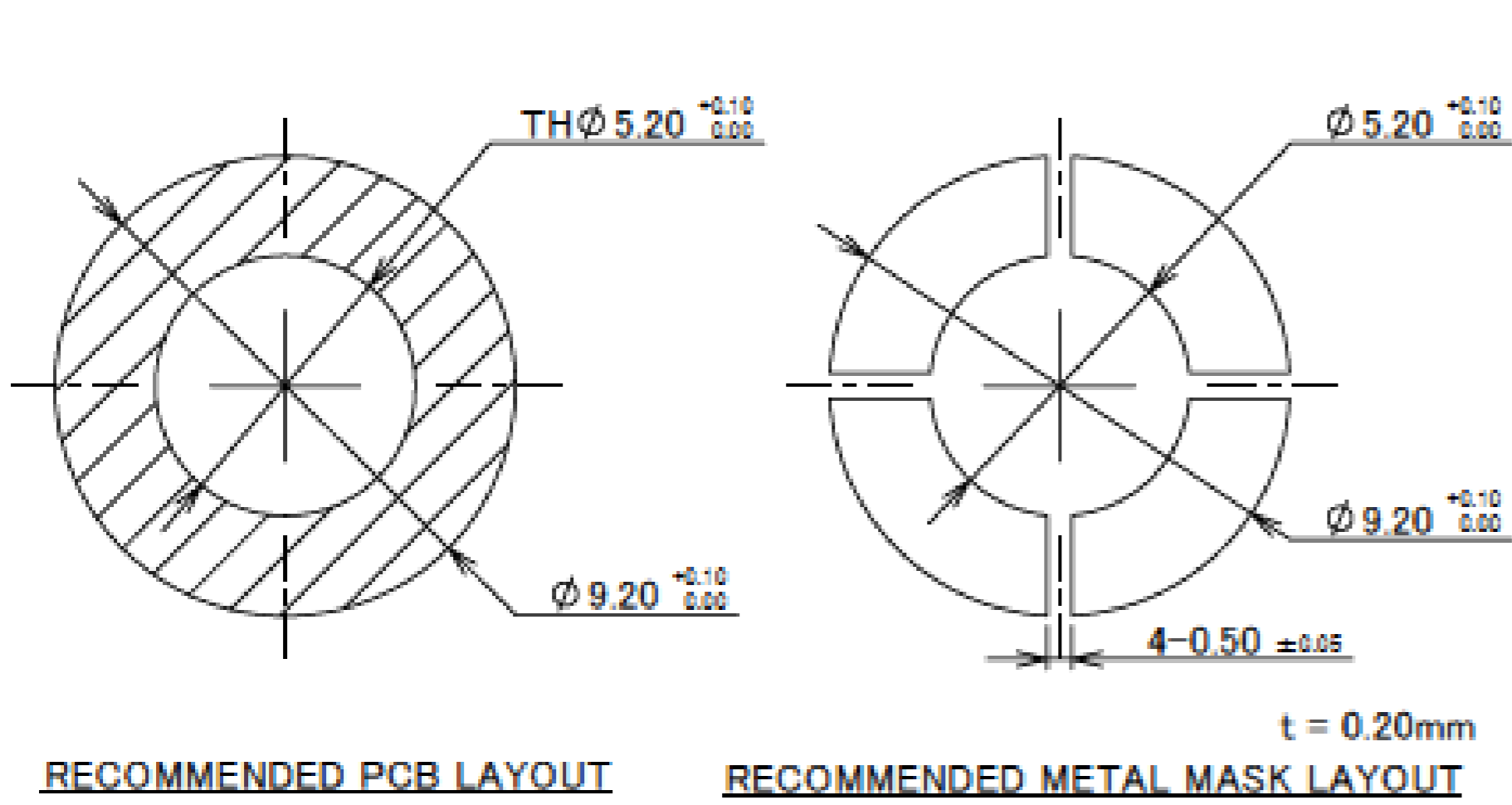
IATF 16949 Certified



NOTES.
1. APPLICABLE CONNECTOR
AP-TSS10 (P/N: 3782-0001)

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

Rev.0



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

Rev.0

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.0

Board to
Board



High-Density



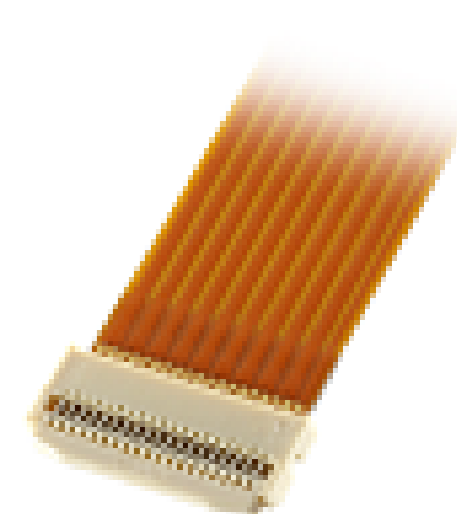
Autolocking
FPC/FFC



High-Density



FPC/FFC



Micro-Coaxial
/ Discrete Cable



High-Speed



RF



High-Frequency



Optical
Module



High-Speed



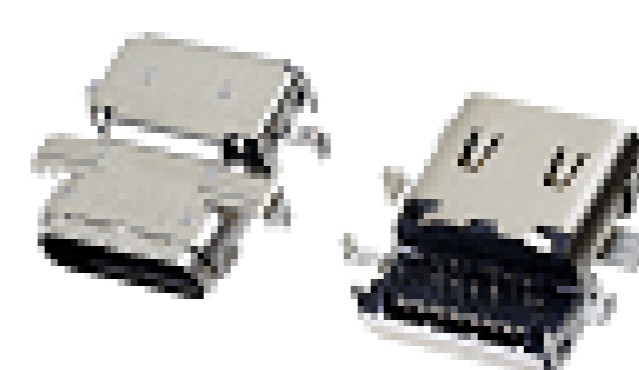
Power



High-Power



I/O
(Input/Output)



Quick charge

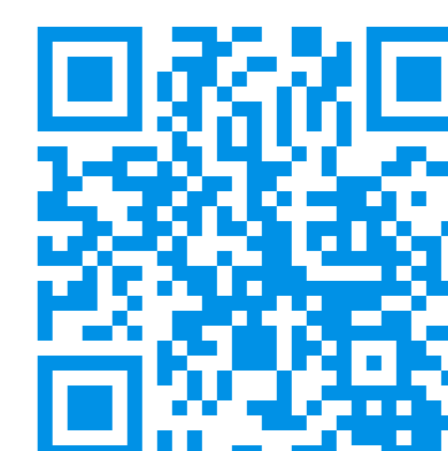


Effector



Custom
Connectors
Available

Inquiry



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