

AP-TSS10, AP-LT10

High current (32 A), high temperature (125 °C) Spacer/Power Terminal, PCB SMT Terminal, easily operate with SMT and M3 (8.00 mm) screws

Product Specifications:

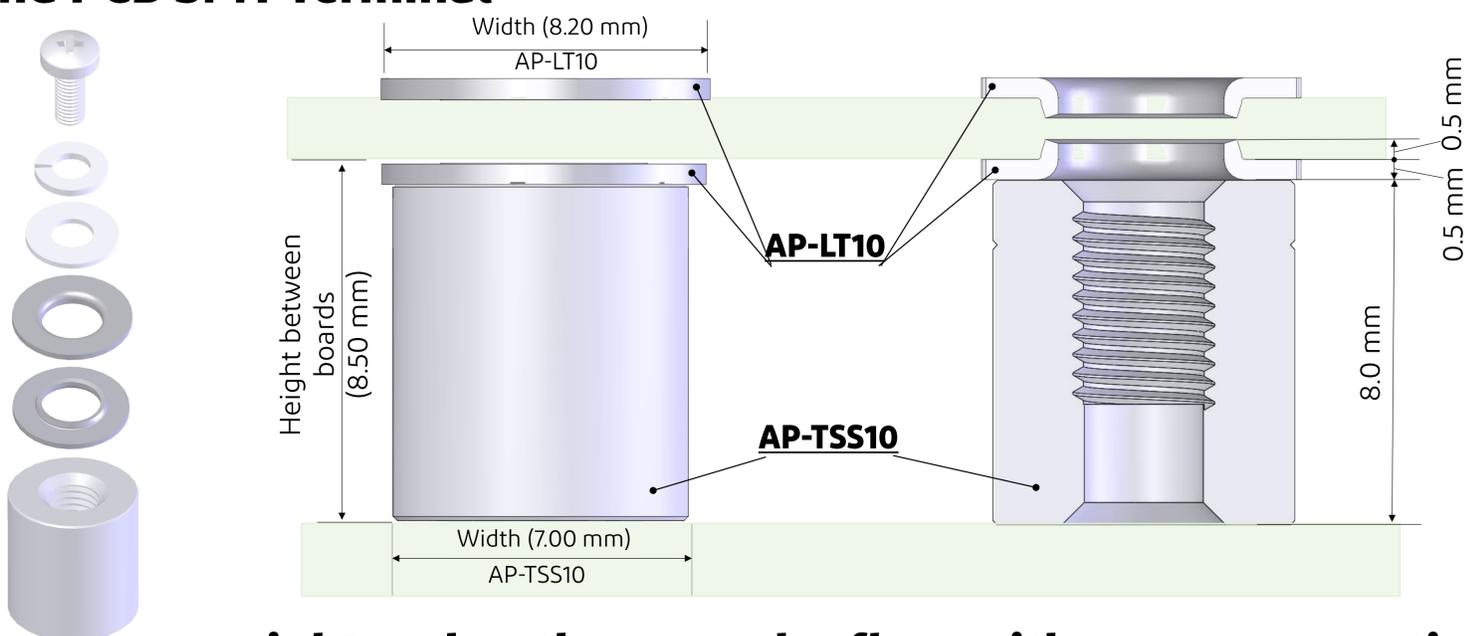
Product name	AP-TSS10 / AP-LT10	
Parts number and name	3782-0002 (AP-TSS10) 3571-0081-04T (AP-LT10)	
Size (mm)	Height (mm)	8.00 mm (AP-TSS10) 1.00 mm (AP-LT10)
	Width (mm)	φ7.00 ± 0.10 mm (AP-TSS10) φ8.20 ± 0.10 mm (AP-LT10)
Mating Type	Vertical (M3 thread screw)	
Plating Type	Sn / Ni plating	
Packing standard	EMBOSS	

Product Specifications:

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

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

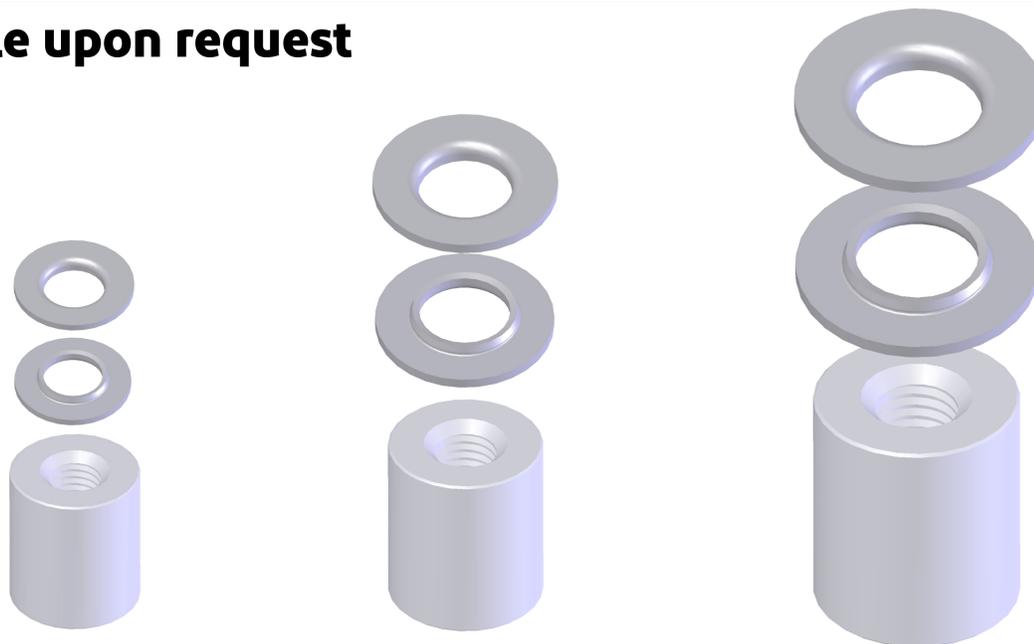
High current (32 A), high temperature (125 °C) Spacer/Power Terminal, and PCB SMT Terminal



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	<ul style="list-style-type: none"> Material: Brass : weight 8.5 Layer plating: Nickel Over Plating: Tin-Plating 		Fall off
Aluminum	<ul style="list-style-type: none"> Material: Aluminum : weight 2.8 Layer plating: Nickel Over Plating: Tin-Plating <p>Weight ratio: 67% down</p>		

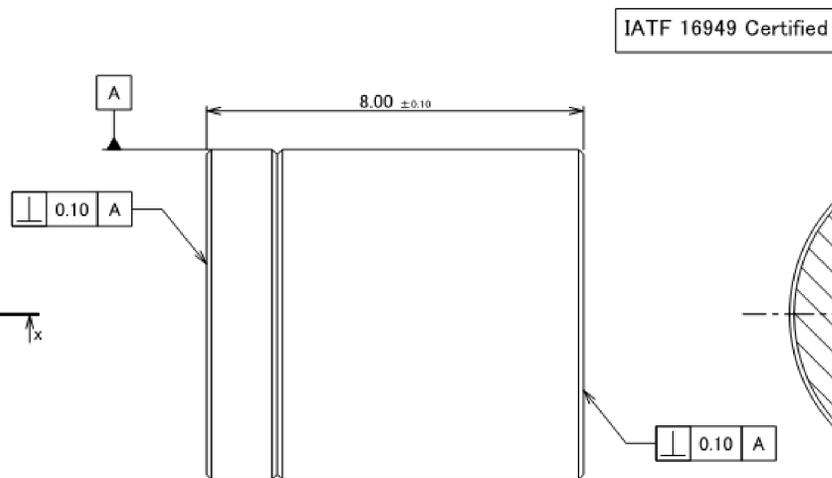
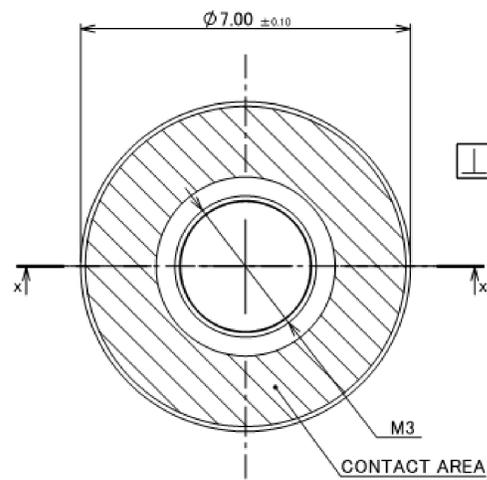
Special size available upon request



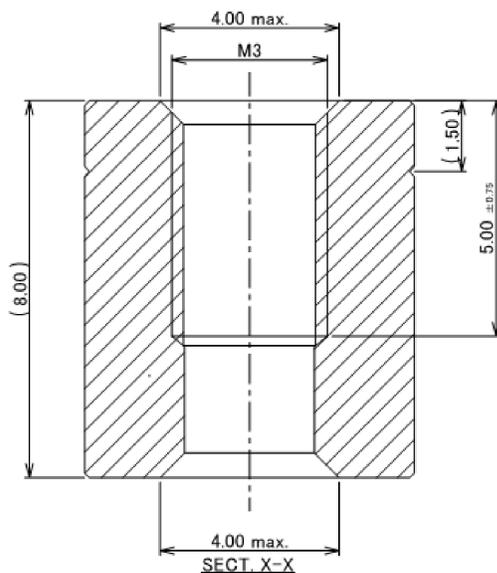
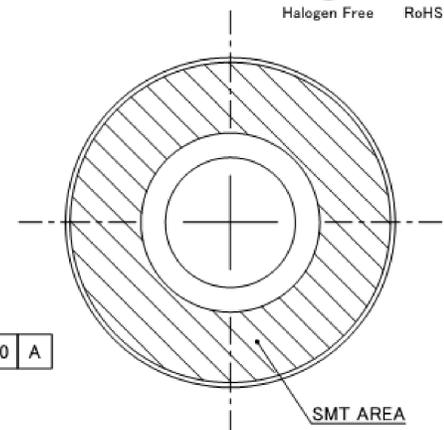
Component Parts Details

AP-TSS10

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



IATF 16949 Certified

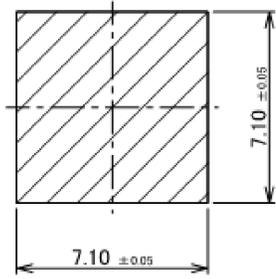


NOTES.
1. APPLICABLE CONNECTOR
AP-LT10 (P/N: 3571-0081-04T)

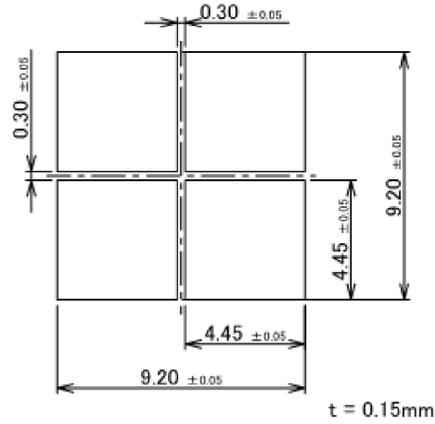
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
1	TERMINAL	ALUMINUM	[CONTACT AREA, SMT AREA] PLATING: Sn 1.0~5.5 μ m OVER Ni 1.0~5.5 μ m.

Rev.2

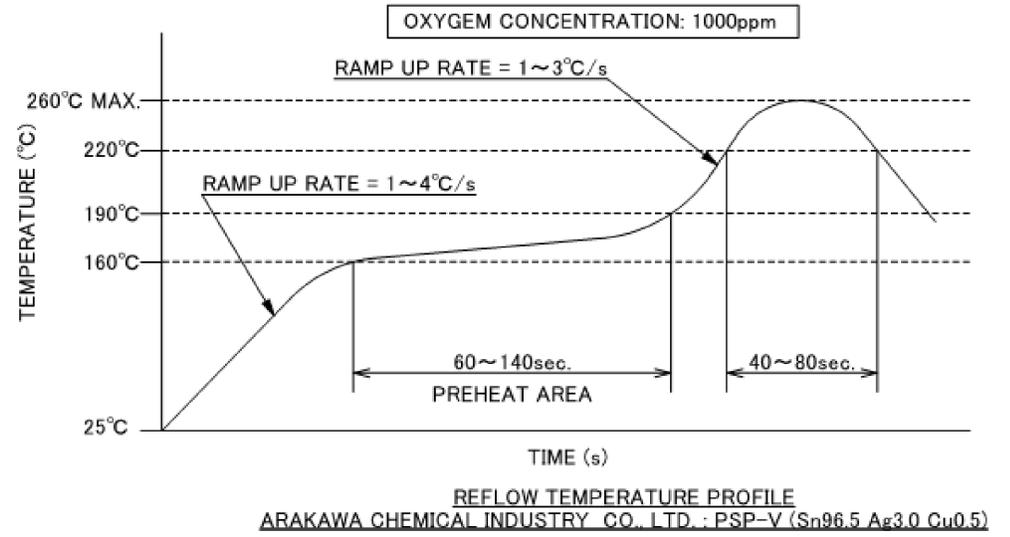
AP-TSS10



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK LAYOUT



Rev.2

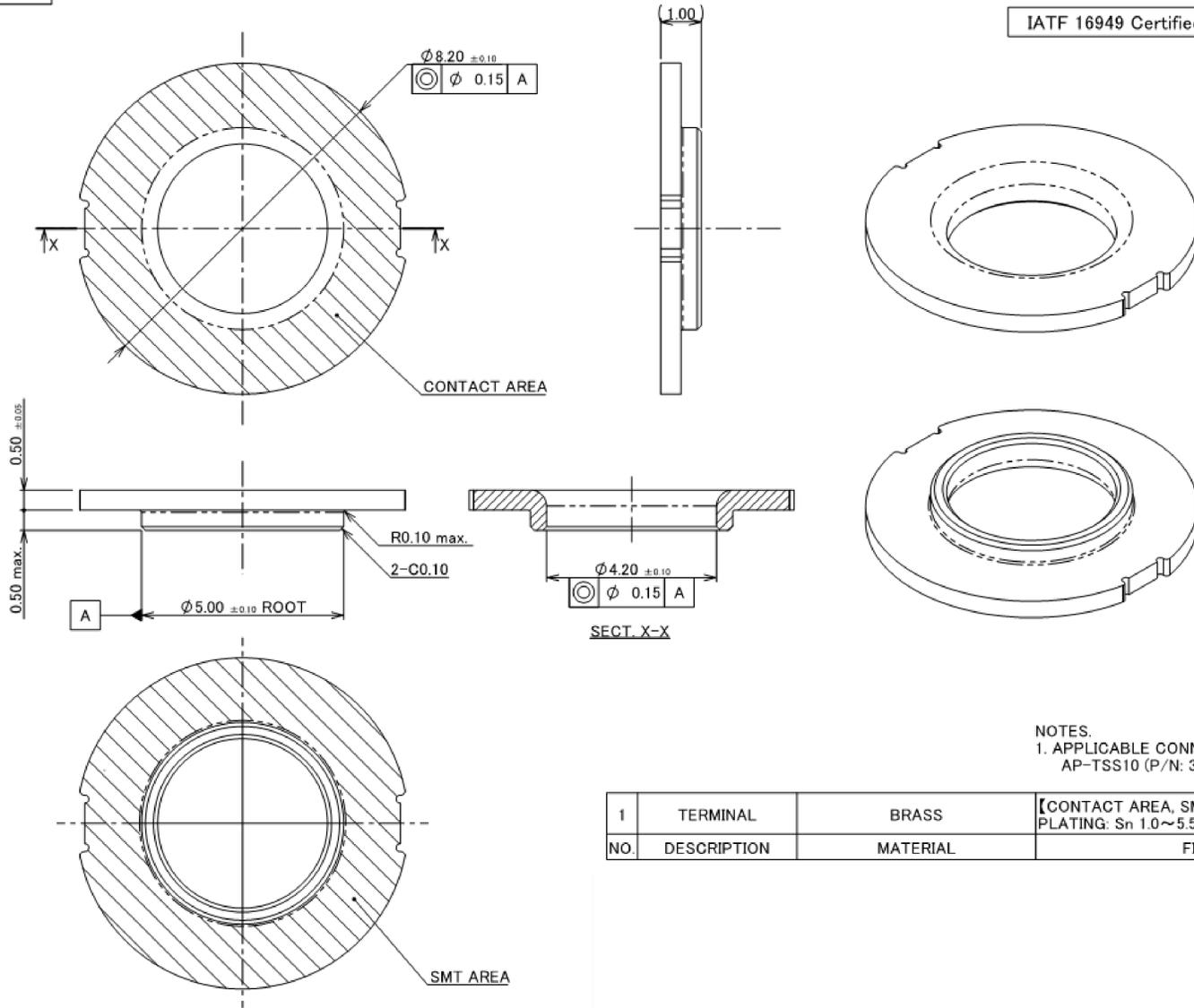
ITEMS	SPECIFICATION
RATING VOLTAGE	32A DC
OPERATING TEMPERATURE	233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0mohm MAX. / AFTER TEST : 1.0mohm MAX.
SCREW TIGHTENING TORQUE	0.75~0.93 Nm(REFERENCE)
PRODUCT SPECIFICATION	PRS-2845
TEST REPORT	TR-23036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

Rev.2

AP-LT10

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

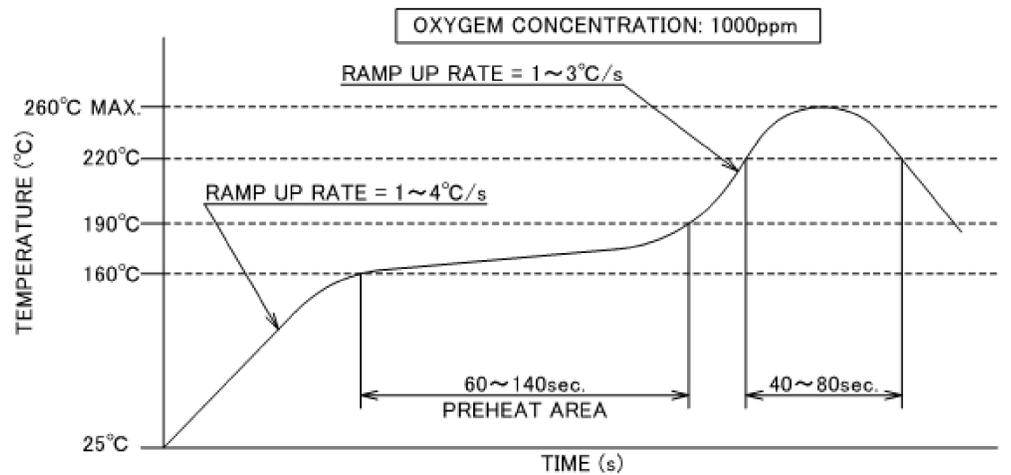
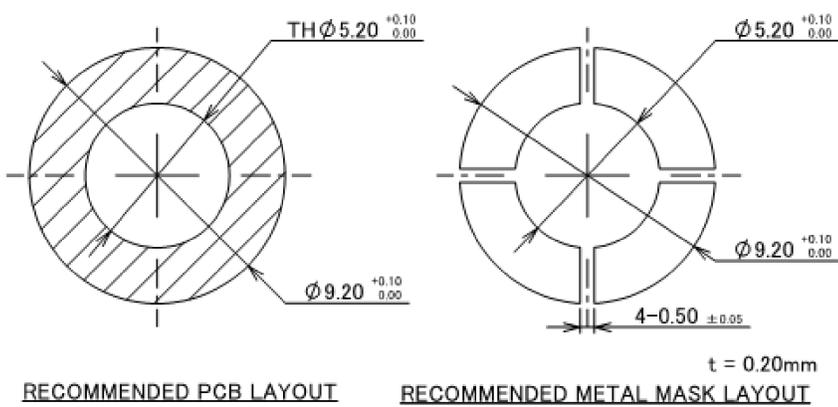
IATF 16949 Certified



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

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

Rev.1



Rev.1

AP-LT10

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-23064
APPEARANCE CRITERIA No.	QLS-A***

Rev.1

Custom Connectors Available

RF Connectors

MHF® series



CABLINE® series

Micro-Coaxial/Twinaxial Connectors



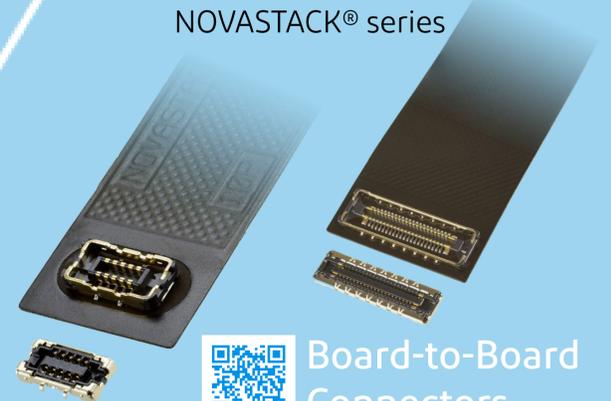
Wire-to-Board Connectors/Terminals

AP series

ISH® series



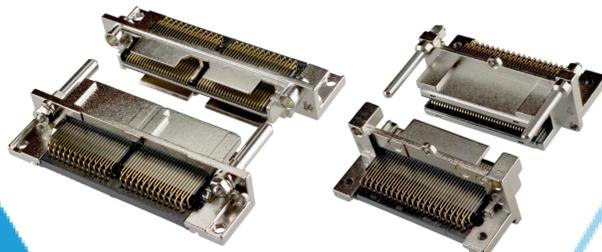
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

MINIFLEX® series EVAFLEX® series



FPC/FFC Connectors



Inquiry



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