AP-TSS10, AP-LT10

高強度電流(32A)、高溫(125°C) 墊片/電源端子、PCB SMT端子，
使用SMT和M3(8.00毫米)螺絲即可輕鬆操作

Product Specifications:

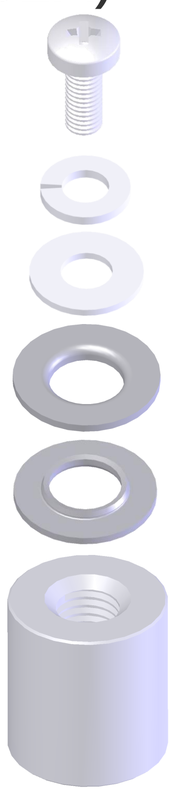
Product name		AP-TSS10 / AP-LT10
Parts number and name		3782-0001 (AP-TSS10)
		3571-0081-02T (AP-LT10)
Size (mm)	Height (mm)	8.00 mm (AP-TSS10)
		1.00 mm (AP-LT10)
	Width (mm)	Φ7.00 ± 0.10 mm (AP-TSS10)
		Φ8.20 ± 0.10 mm (APLT-10)
Mating Type		Vertical (M3 thread screw)
Plating Type		Sn / Ni plating
Packing standard		EMBOSS

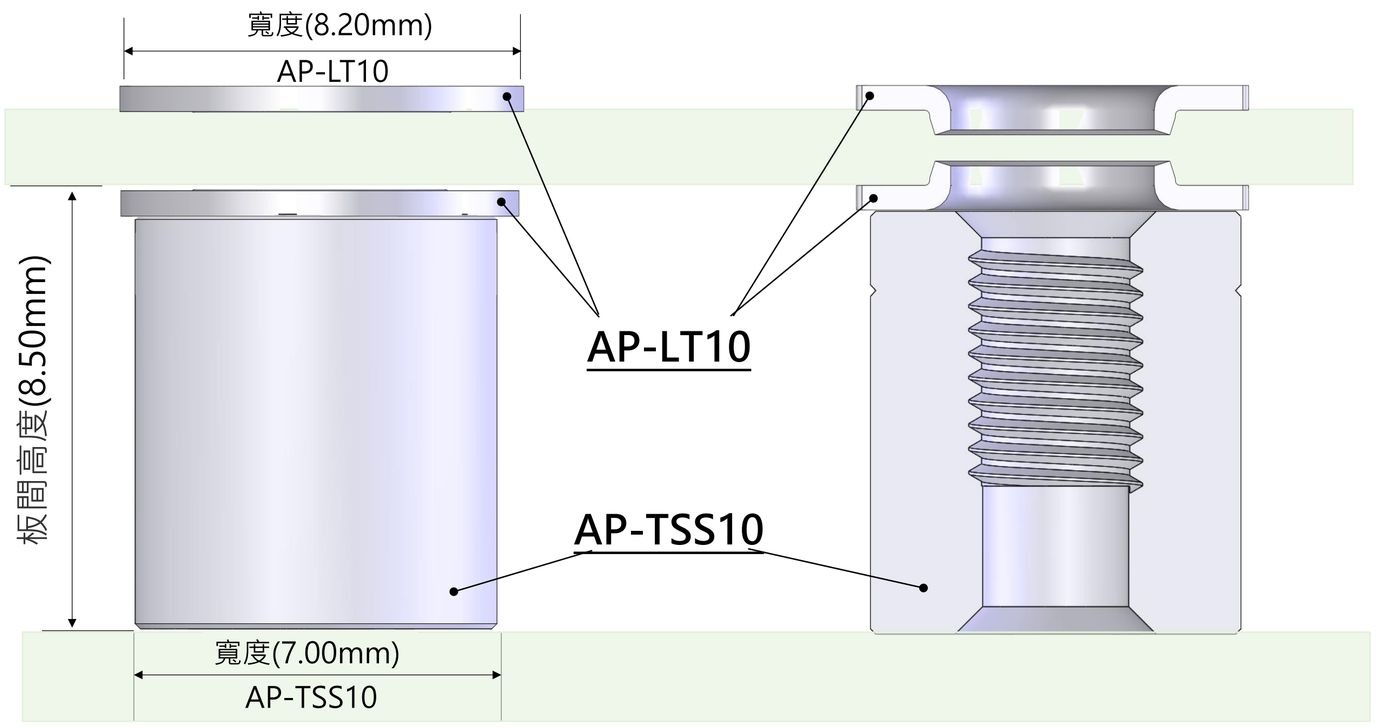
*關於高度範圍、尺寸和電流強度，請您諮詢我們

Product Specifications:

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

高強度電流(32A)、高溫(125度)墊片/電源端子、PCB SMT端子

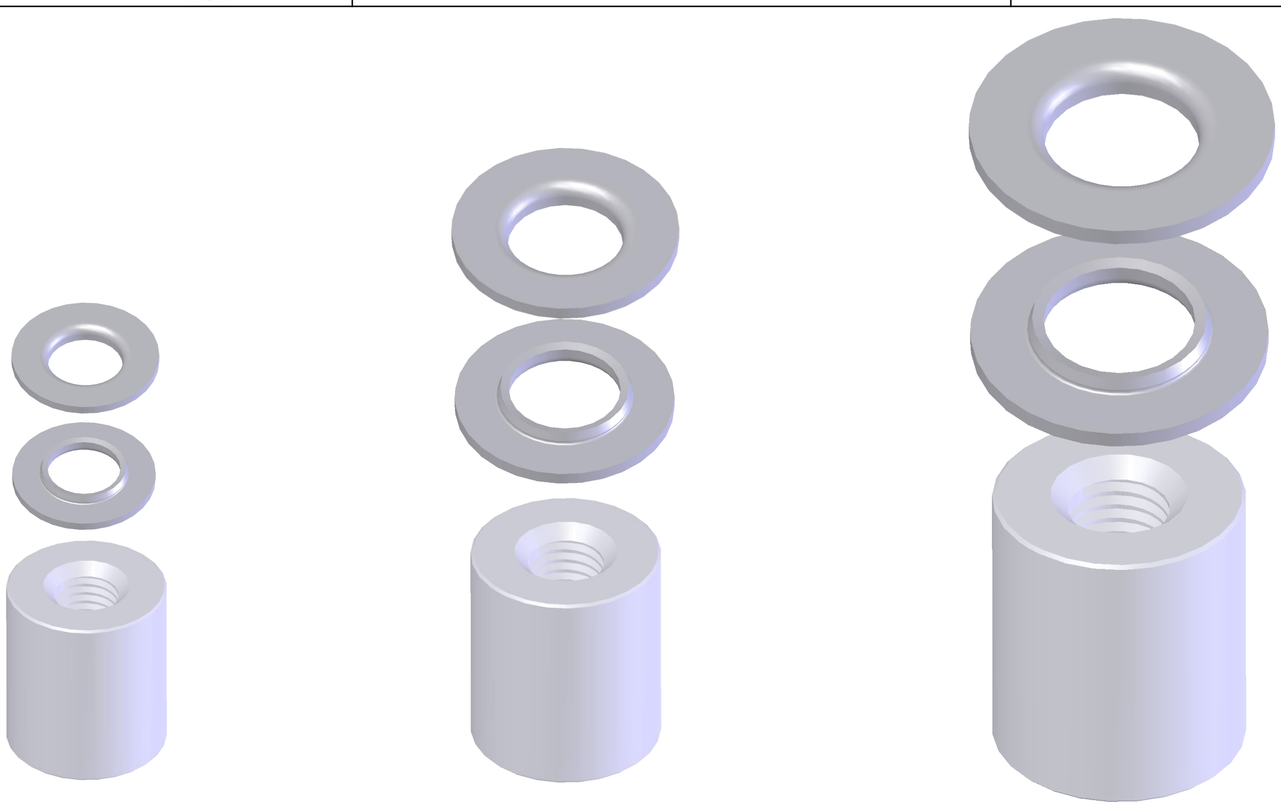




減輕連接器重量，更利於反向180度的情況下進行第二次打件，有助於更靈活的SMT設計

	連接器結構	第一次回熔焊接	第二次反向回熔焊接
黃銅	單位：mg 材質 黃銅 : 重量 8.5 鍍層 鎳 跨鍍 鍍錫		Fall off
鋁	材質 鋁 : 重量 2.8 鍍層 鎳 跨鍍 鍍錫 重量比: 下降了67%		

可依要求提供特殊尺寸



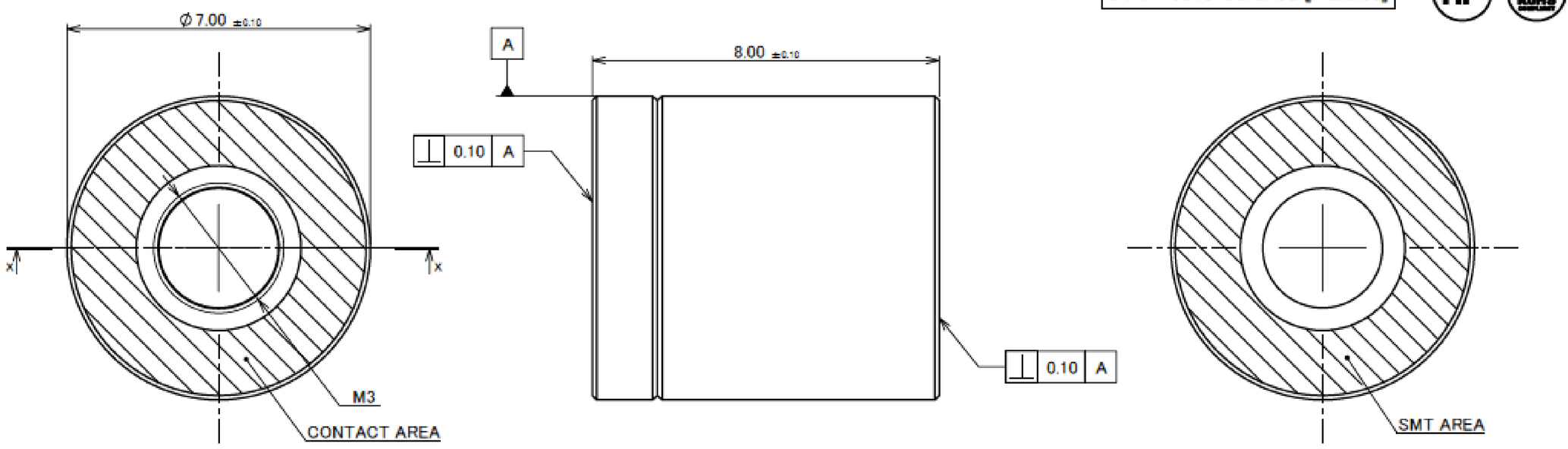
Component Parts Details

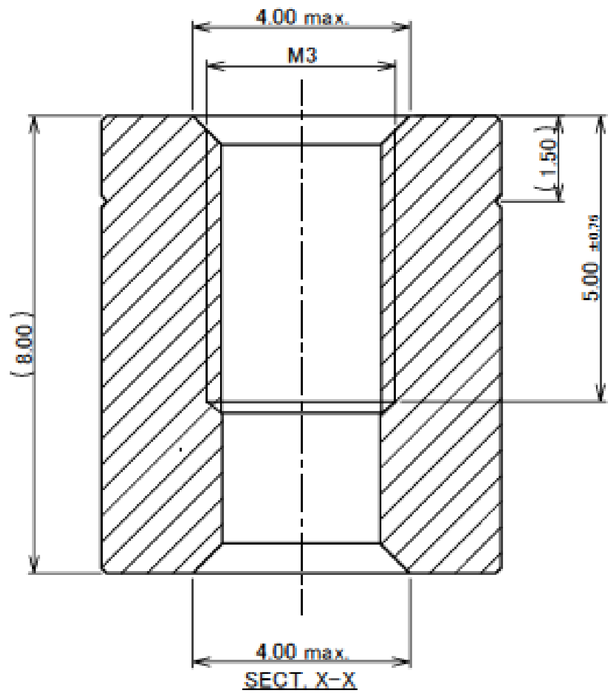
AP-TSS10

Recommended P/N	3782-0001

PART No.
3782-0001

IATF 16949 Certified [Planned]



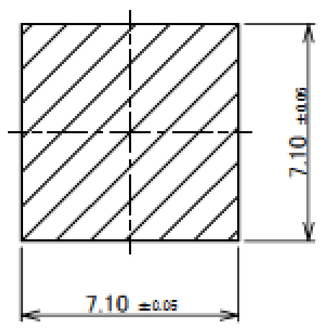


NOTES.
1. APPLICABLE CONNECTOR
AP-LT10 (P/N: 3571-0081-02T)

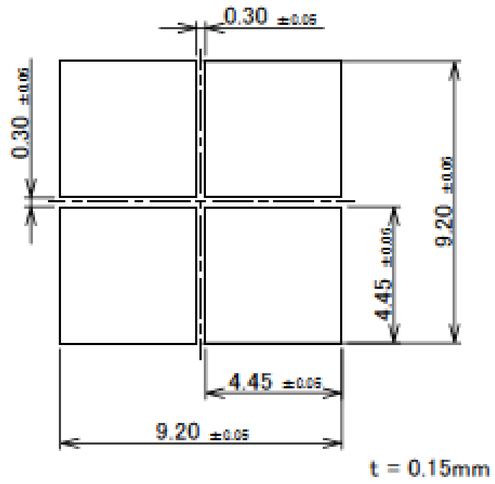
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
1	TERMINAL	ALUMINUM	【CONTACT AREA, SMT AREA】 PLATING: Sn 1.0～5.5μm OVER Ni 1.0～5.5μm.

Rev.1

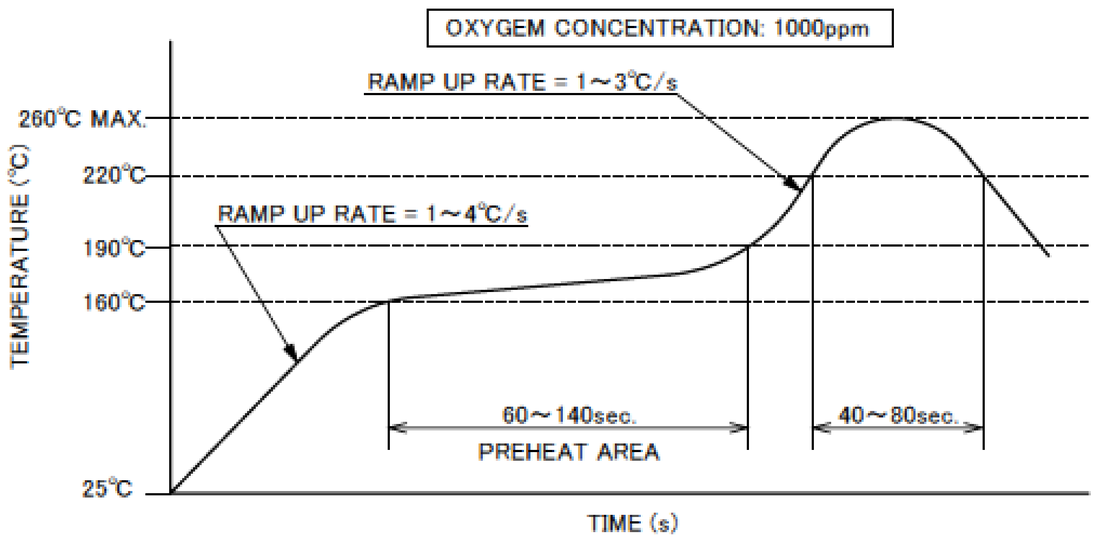
AP-TSS10



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK LAYOUT



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

Rev.1

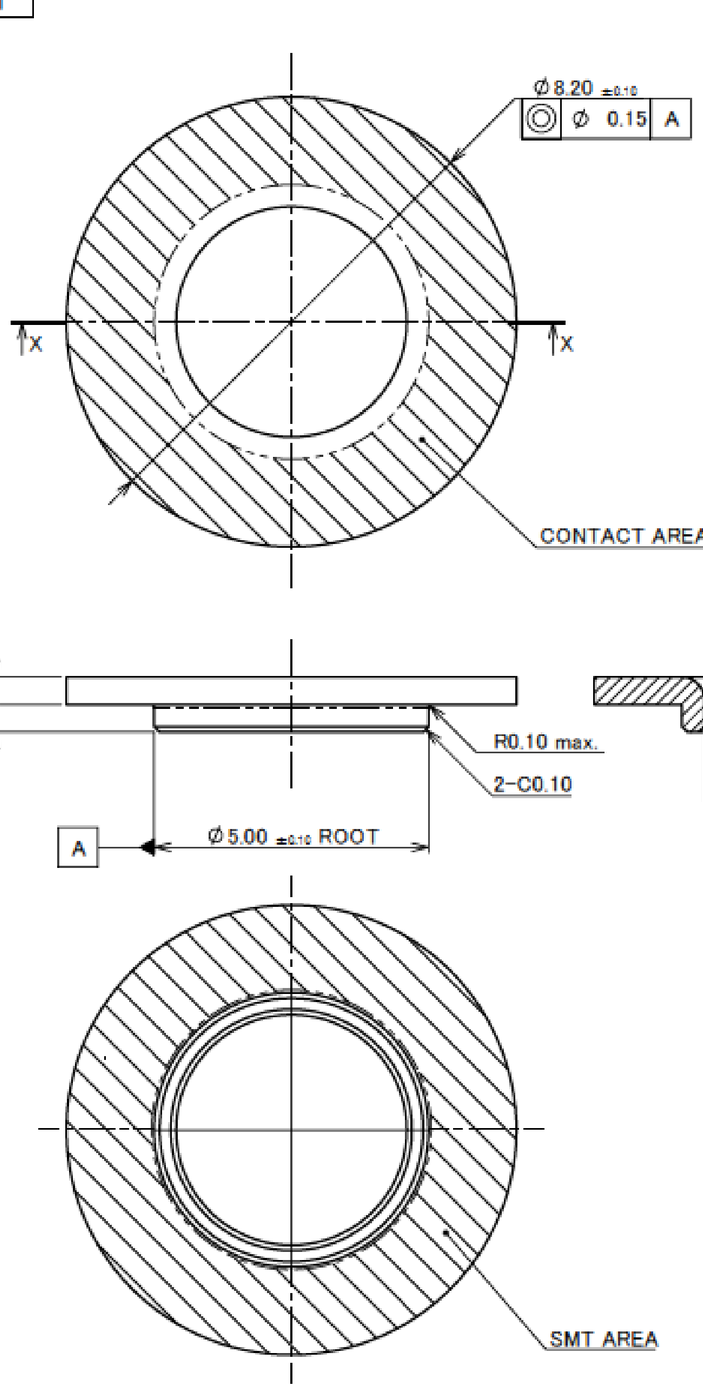
ITEMS	SPECIFICATION
RATING VOLTAGE	32A DC
OPERATING TEMPERATURE	233～398K(-40℃～+125℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 1.0mohm MAX. / AFTER TEST : 1.0mohm MAX.
SCREW TIGHTENING TORQUE	0.75～0.93 Nm(REFERENCE)
PRODUCT SPECIFICATION	PRS-2845
TEST REPORT	TR-23036
PACKING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

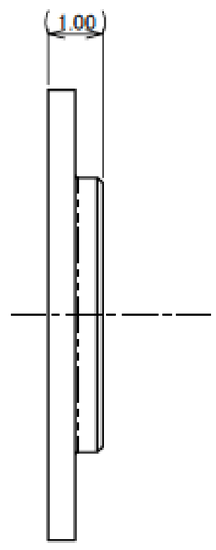
Rev.1

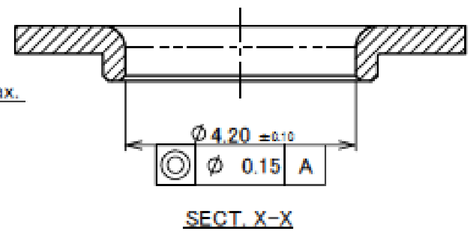
AP-LT10

Recommended P/N	3571-0081-02T

PART No.
3571-0081-02T





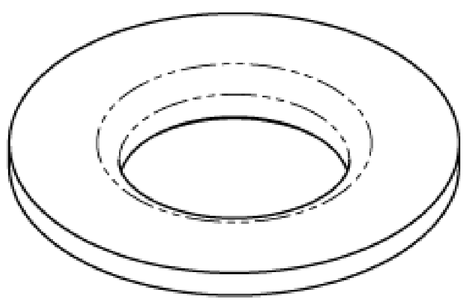


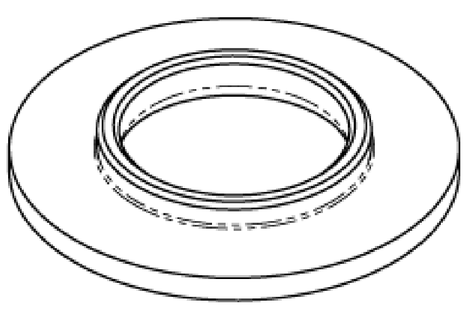
SECT. X-X

IATF 16949 Certified

HF Halogen Free

RoHS Compliant

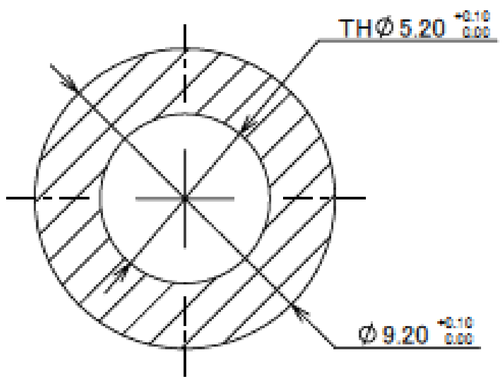




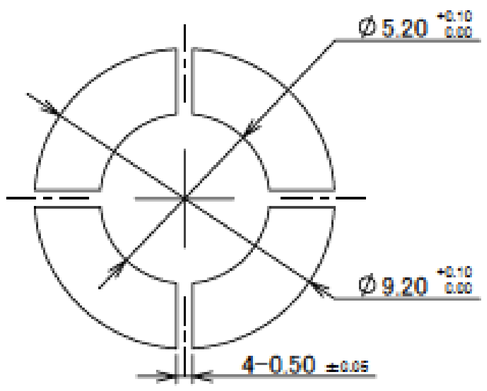
NOTES.
1. APPLICABLE CONNECTOR
AP-TSS10 (P/N: 3782-0001)

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

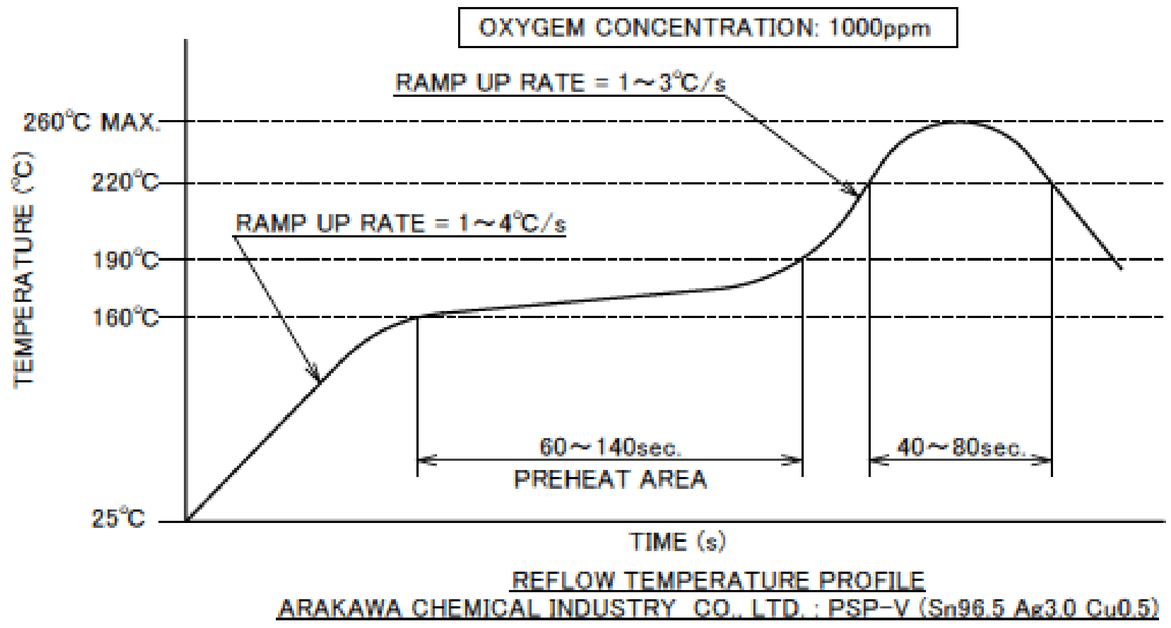
Rev.0



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK LAYOUT



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***

Custom Connectors Available

RF Connectors

MHF® series

Micro-coaxial/Twinax Connectors

CABLINE® series

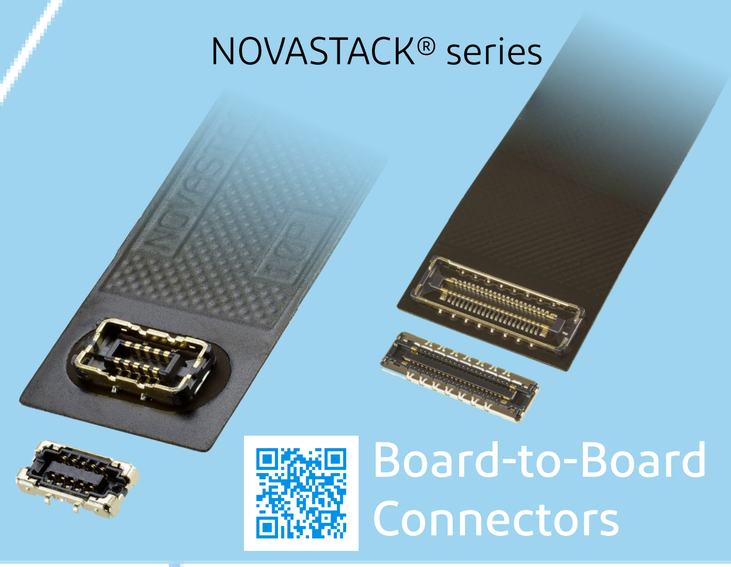
Wire-to-Board Connectors/ Terminals

AP series

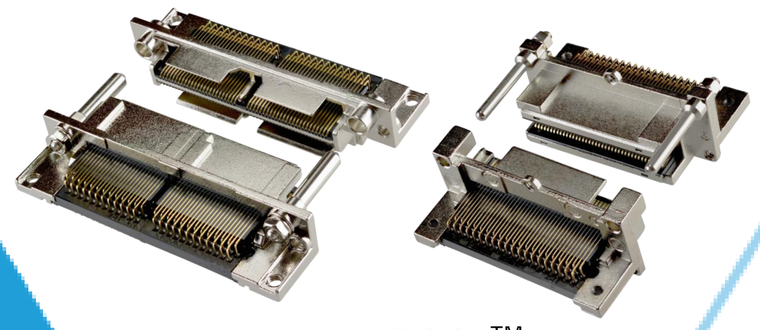
ISH® series

Board-to-Board Connectors

NOVASTACK® series



I/O Connectors

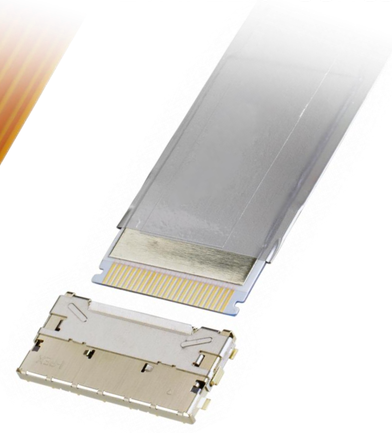


MINIDOCK™ series

FPC/FFC Connectors

MINIFLEX® series

EVAFLEX® series



Inquiry

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