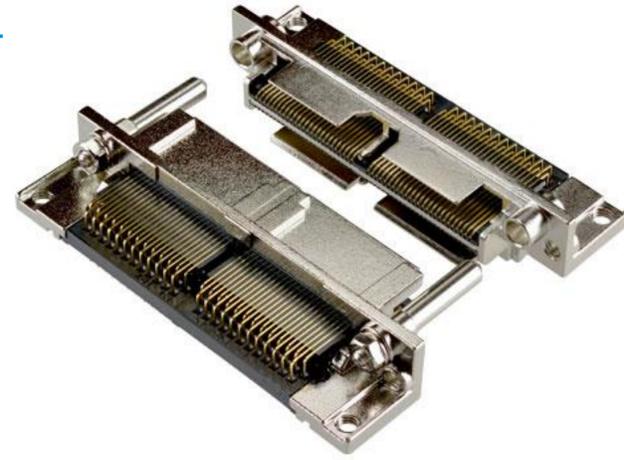


MINIDOCK™ STANDARD

稳固的高pin数 Docking I/O连接器



Product Specifications:

Board Pitch (mm)		0.635
Size (mm)	Height	9.9 ~ 16.9 mm (Plug) 11.13 ~ 22.53 mm (Rece)
	Width	36.0 ~ 96.10 mm (Plug / Rece)
	Depth	9.9 ~ 17.8 mm (Plug) 11.13 ~ 22.53 mm (Rece)
Rating	Amperage	0.5 A AC/DC (Per Contact Pin)
	Voltage	250 V AC/DC (Per Contact Pin)

*如您需要了解未列出或不在范围内的Pin数，请咨询我们。

▶ 适合于多种应用的稳固型连接器(移动设备、仪器仪表、医疗器械等)

标准型公座:

料号	Pin数	嵌合类型	端子类型	外观
30001	100, 240	直角	全长Pin 标准类型	
30094	200		全长Pin 偏移类型	

标准型母座:

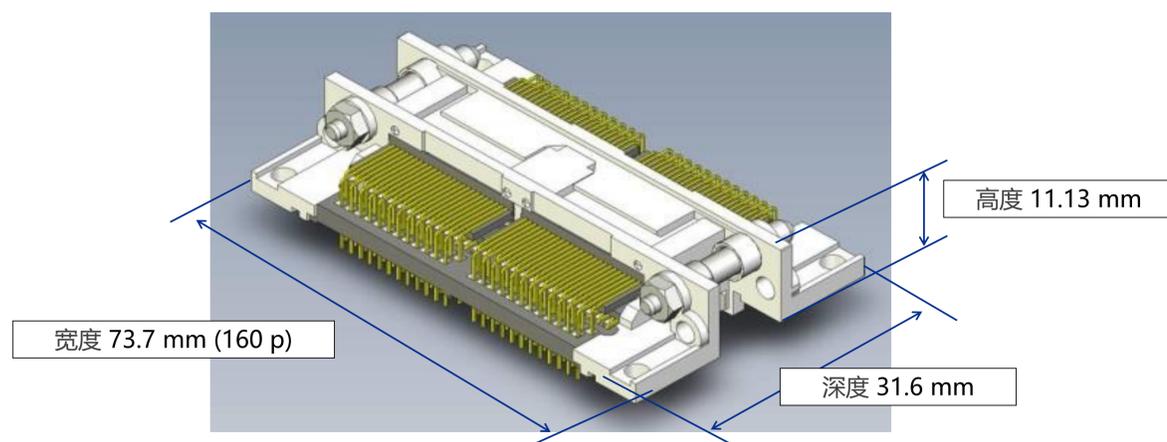
料号	Pin数	嵌合类型	端子类型
30002	100, 240	直角	
30007	200	垂直	

▶ 高达 5,000 次的插拔寿命

直角公座-直角母座一对

料号

- 公座 30001
- 母座 30002

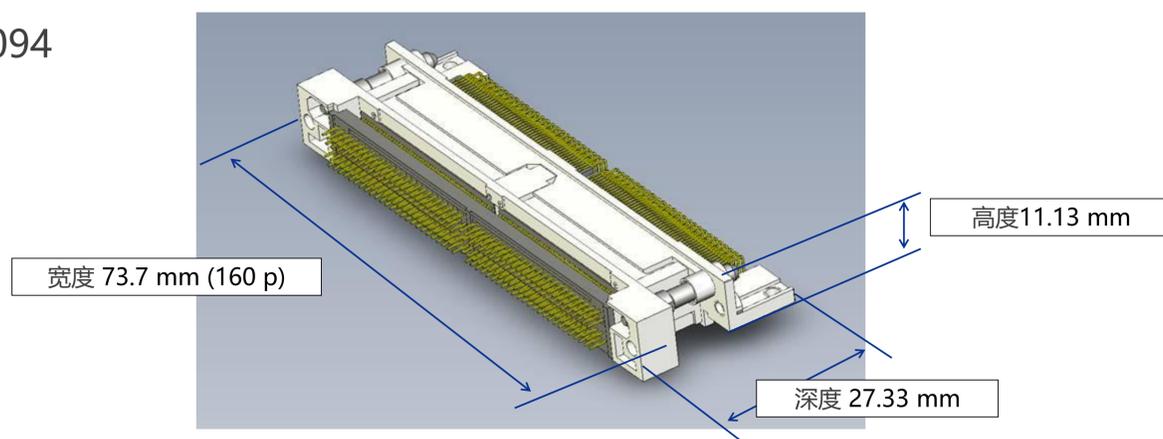


▶ 可选带螺丝的款式，具备理想的锁扣功能

直角公座-直角母座一对

料号

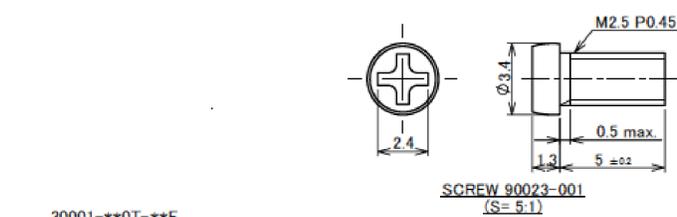
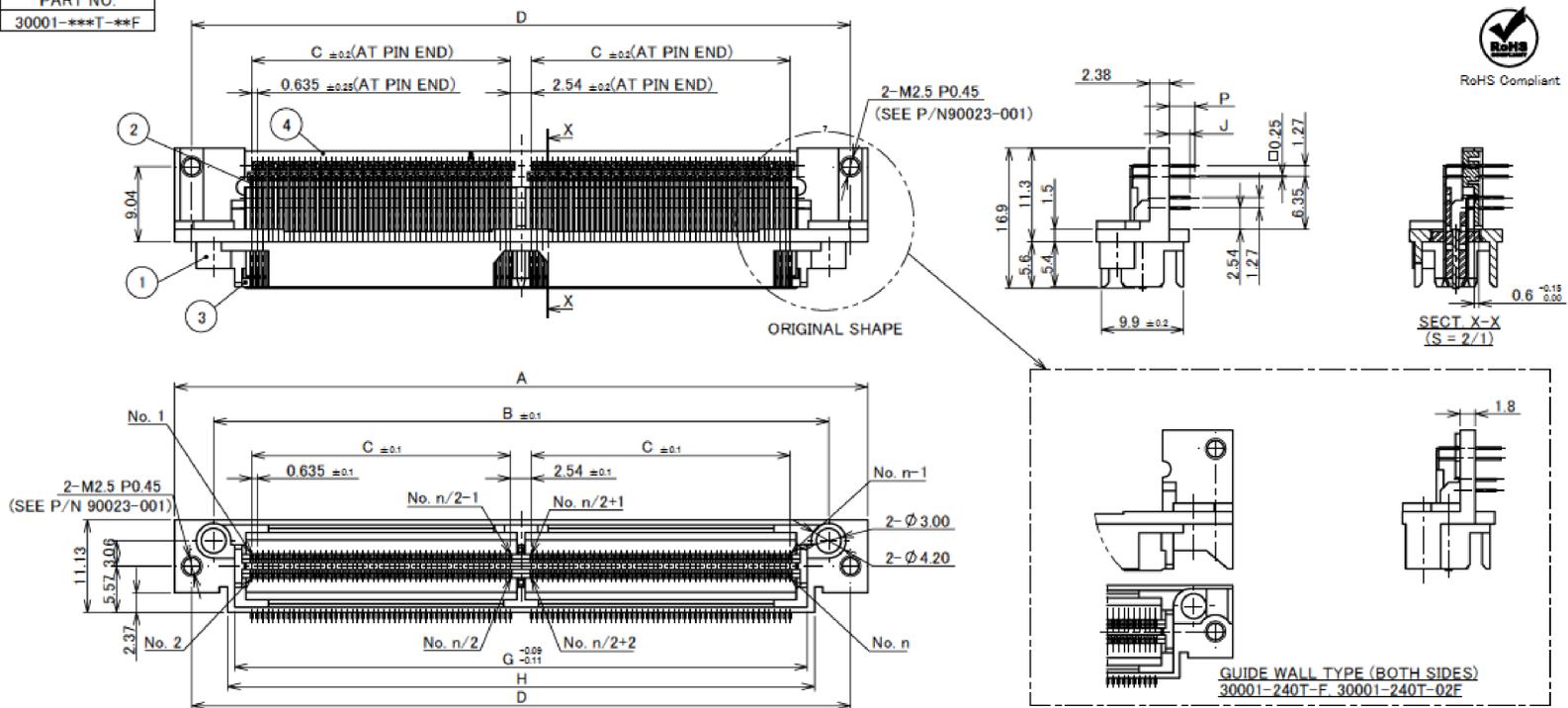
- 公座 30001, 30094
- 母座 30007



Component Parts Details

Plug Assembly

Recommended P/N	30001-**-0T-F	30001-**-0T-01F
PART NO.		
30001-**-0T-**-F		



30001-**-0T-**-F
 NONE: WITHOUT SCREW
 01, 02: WITH SCREW

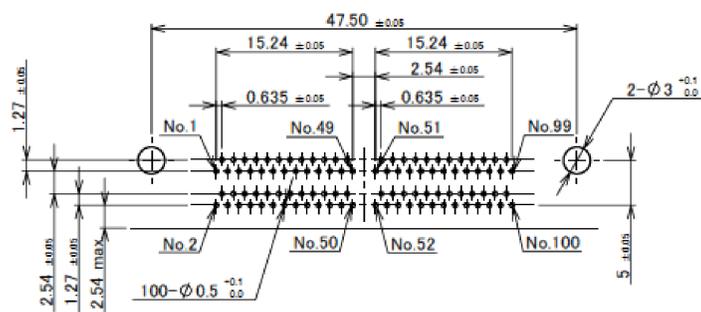
EXAMPLE
 POS.10 : 100P
 24 : 240P

NOTES
 1. CONNECTOR TO BE MATED: 30002, 30007

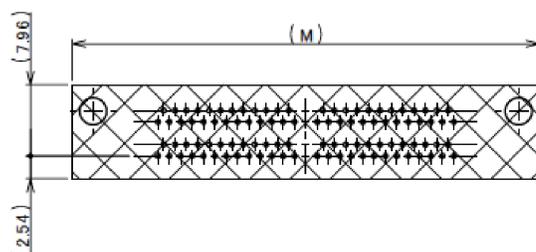
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	LOCATOR PLATE	PA	BLACK UL94V-0
3	PLUG INSULATOR	PPS	BLACK UL94V-0
2	PLUG CONTACT	COPPER ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN.
1	PLUG SHELL	Zn ALLOY	Ni PLATING

Plug Assembly

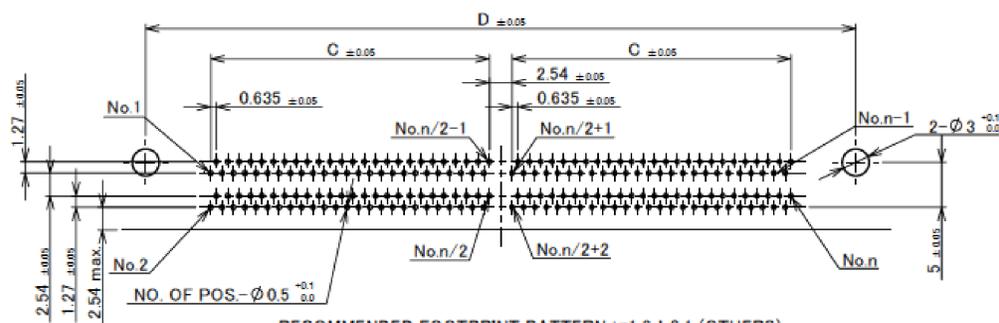
PART No.	POS.	A	B	C	D	G	H	P	J	K	L	M	SCREW	NOTE
30001-100T-F	100P	51.65	42.25	15.24	47.50	37.35	38.85	2.5	2.1	47.52	37.55	52.15	WITHOUT SCREW	-
30001-240T-F	240P	96.10	86.70	37.465	91.95	81.80	83.30	3.1	2.5	91.95	82.00	96.60		GUIDE WALL TYPE
30001-100T-01F	100P	51.65	42.25	15.24	47.50	37.35	38.85	2.5	2.1	47.52	37.55	52.15	WITH SCREW	-
30001-240T-02F	240P	96.10	86.70	37.465	91.95	81.80	83.30	3.1	2.5	91.95	82.00	96.60		GUIDE WALL TYPE



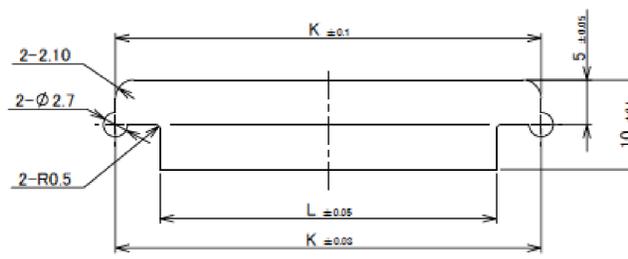
RECOMMENDED FOOTPRINT PATTERN $t=1.6 \pm 0.1$ (100P ONLY)



DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA



RECOMMENDED FOOTPRINT PATTERN $t=1.6 \pm 0.1$ (OTHERS)



RECOMMENDED OPENING FOR MOUNTING BRACKET

Rev.37

ITEMS	SPECIFICATION
RATING VOLTAGE	250V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	208 ~ 358K(-65°C ~ +85°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : \triangle 25mohm MAX.
INSULATION RESISTANCE	INITIAL : 10,000Mohm MIN. / AFTER TEST : 1,000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min
DURABILITY	5,000 CYCLES
MATING FORCE (INITIAL)	0.9N/pos. MAX.
UNMATING FORCE (AFTER TEST)	0.059N/pos. MIN.
COPLANARITY	-
PRODUCT SPECIFICATION	PRS-1011
TEST REPORT	TR-9020
PACKING STANDARD	300-014
INSTRUCTION MANUAL	-
APPEARANCE CRITERIA No.	QLS-A***

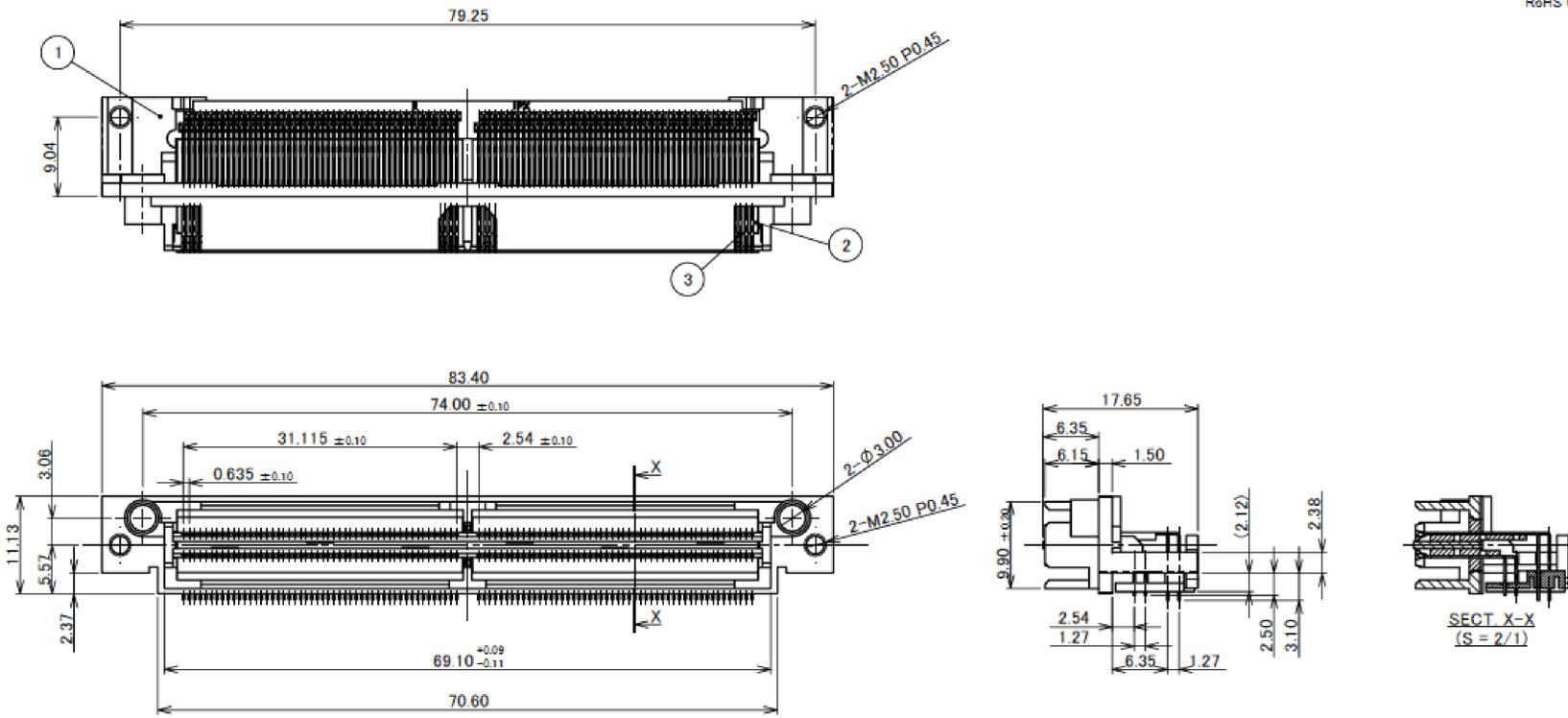
Rev.37

Plug Assembly

Recommended P/N 30094-200T-01F	
PART No.	SCREW
30094-200T-F	WITH SCREW
30094-200T-01F	WITHOUT SCREW



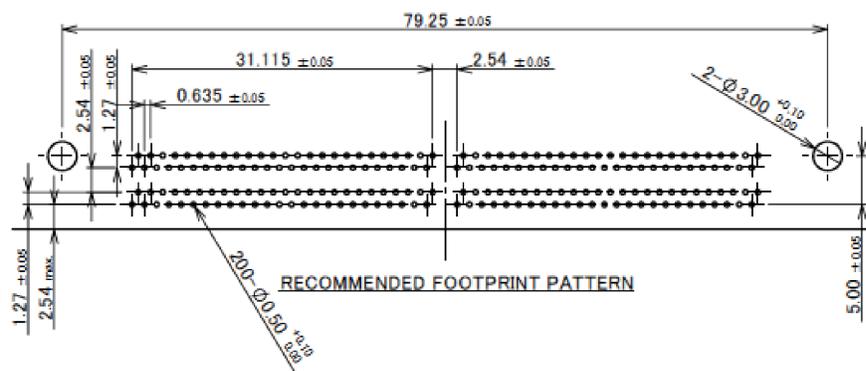
RoHS Compliant



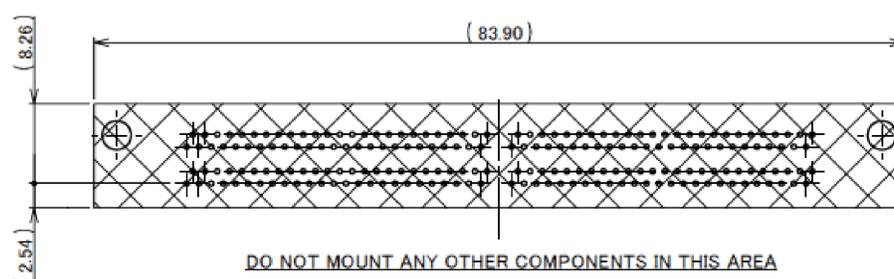
3	CONTACT	COPPER ALLOY	CONTACT AREA : Au FLASH SOLDER AREA : Au FLASH
2	INSULATOR	HEAT RESISTING PLASTICS	BLACK, UL94V-0
1	SHELL	Zn ALLOY	-
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

NOTES
1. CONNECTOR TO BE MATED: 30007-200T-03*

Rev.8



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



Rev.8

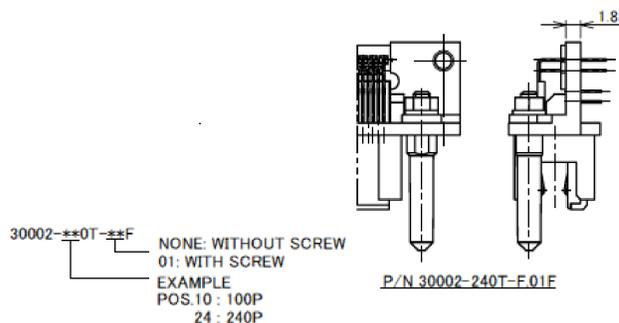
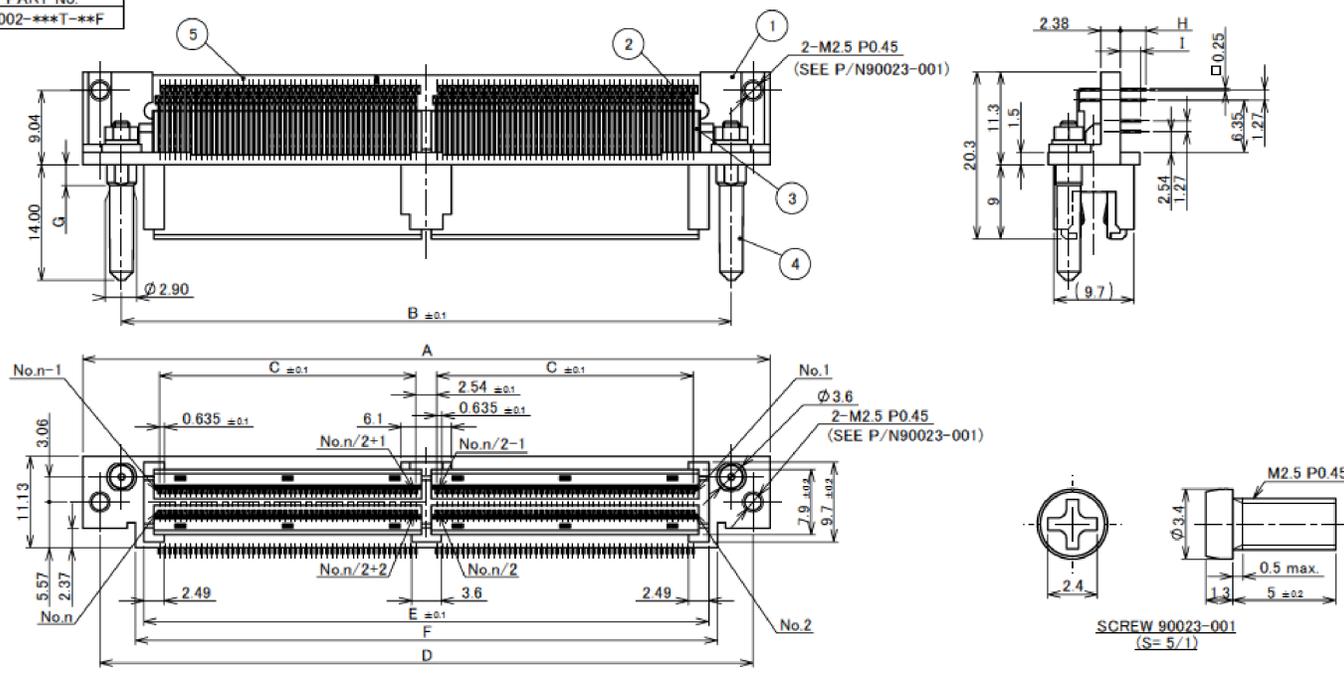
Plug Assembly

ITEMS	SPECIFICATION
RATING VOLTAGE	250V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	208~358K(-65°C~+85°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : Δ 25mohm MAX.
INSULATION RESISTANCE	INITIAL : 10.000Mohm MIN. / AFTER TEST : 1.000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min
DURABILITY	5,000 CYCLES
MATING FORCE (INITIAL)	0.9N/pos. MAX.
UNMATING FORCE (AFTER TEST)	0.059N/pos. MIN.
COPLANARITY	-
PRODUCT SPECIFICATION	PRS-1011
TEST REPORT	TR-9020
PACKING STANDARD	300-251
INSTRUCTION MANUAL	-
APPEARANCE CRITERIA No.	QLS-A***

Rev.8

Receptacle Assembly

Recommended P/N	30002-**0T-F	30002-**0T-01F
PART No.	30002-***T-***F	



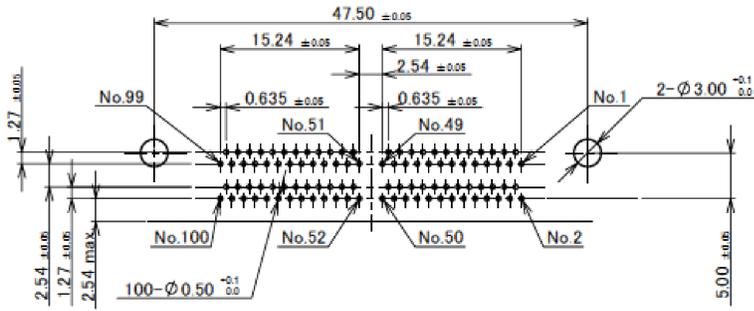
No.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	LOCATOR PLATE	PA	BLACK UL94V-0
4	GUIDE PIN	STEEL	Ni PLATING
3	RECEPTACLE INSULATOR	PPS	BLACK UL94V-0
2	RECEPTACLE CONTACT	COPPER ALLOY	ALL OVER Ni 1.27 μ m MIN. CONTACT PART Au 0.05 μ m MIN.
1	RECEPTACLE SHELL	Zn ALLOY	Ni PLATING

NOTE
1. CONNECTOR TO BE MATED: 30001, 30005

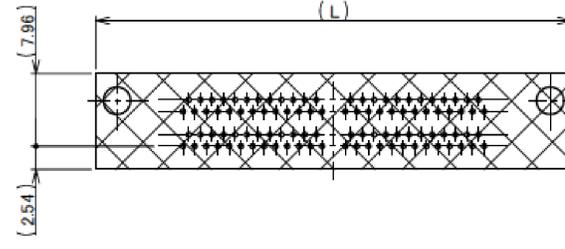
Rev.33

Receptacle Assembly

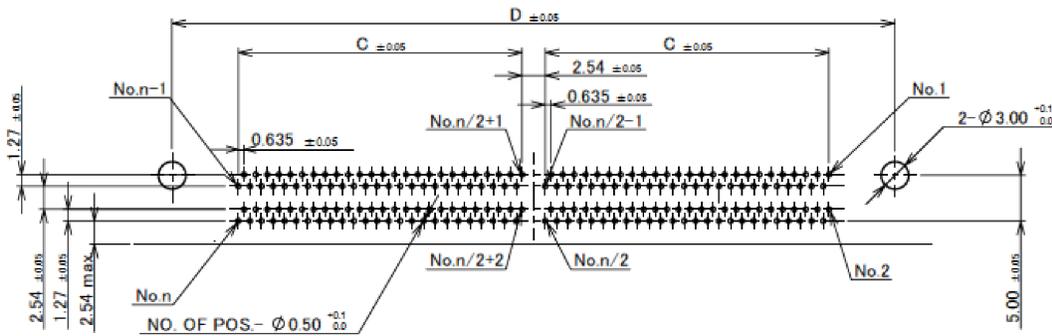
	POS	A	B	C	D	E	F	G	H	I	J	K	L	NOTE
30002-100T-F	100P	51.65	42.25	15.24	47.50	37.35	38.85		2.8	2.8	47.52	37.55	52.15	WITHOUT SCREW
30002-240T-F	240P	96.10	86.70	37.465	91.95	81.80	83.30	2.50	2.5	3.1	91.95	82.00	96.60	
30002-100T-01F	100P	51.65	42.25	15.24	47.50	37.35	38.85		2.8	2.8	47.52	37.55	52.15	WITH SCREW
30002-240T-01F	240P	96.10	86.70	37.465	91.95	81.80	83.30	5.30	2.5	3.1	91.95	82.00	96.60	



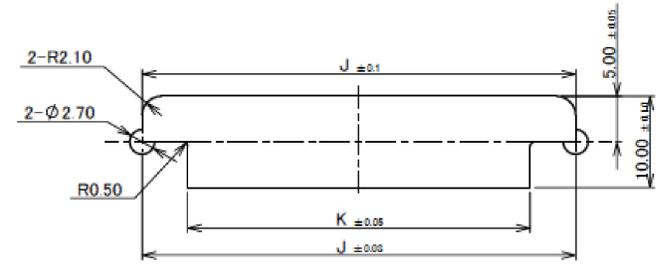
RECOMMENDED FOOTPRINT PATTERN $t=1.6 \pm 0.1$ (100P ONLY)



DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA



RECOMMENDED FOOTPRINT PATTERN $t=1.6 \pm 0.1$ (OTHERS)

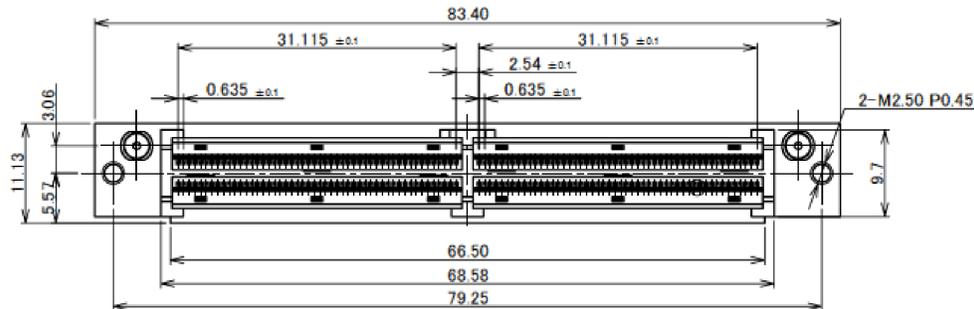
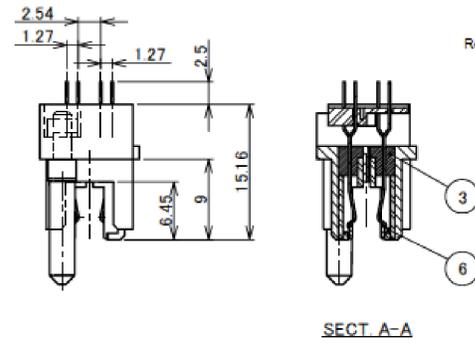
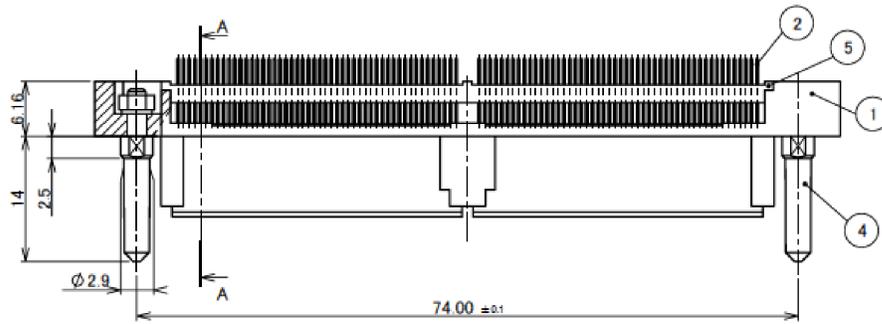


RECOMMENDED OPENING FOR MOUNTING BRACKET

ITEMS	SPECIFICATION
RATING VOLTAGE	250V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	208~358K(-65°C~+85°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : \triangle 25mohm MAX.
INSULATION RESISTANCE	INITIAL : 10.000Mohm MIN. / AFTER TEST : 1.000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min
DURABILITY	5,000 CYCLES
MATING FORCE (INITIAL)	0.9N/pos. MAX.
UNMATING FORCE (AFTER TEST)	0.059N/pos. MIN.
COPLANARITY	-
PRODUCT SPECIFICATION	PRS-1011
TEST REPORT	TR-9020
PACKING STANDARD	300-015
INSTRUCTION MANUAL	-
APPEARANCE CRITERIA No.	QLS-A***

Receptacle Assembly

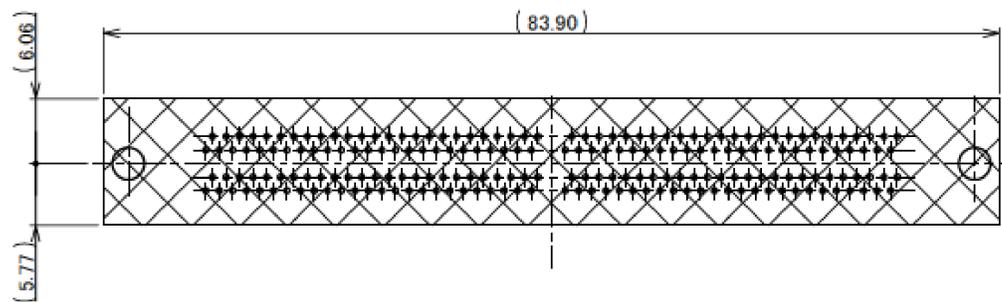
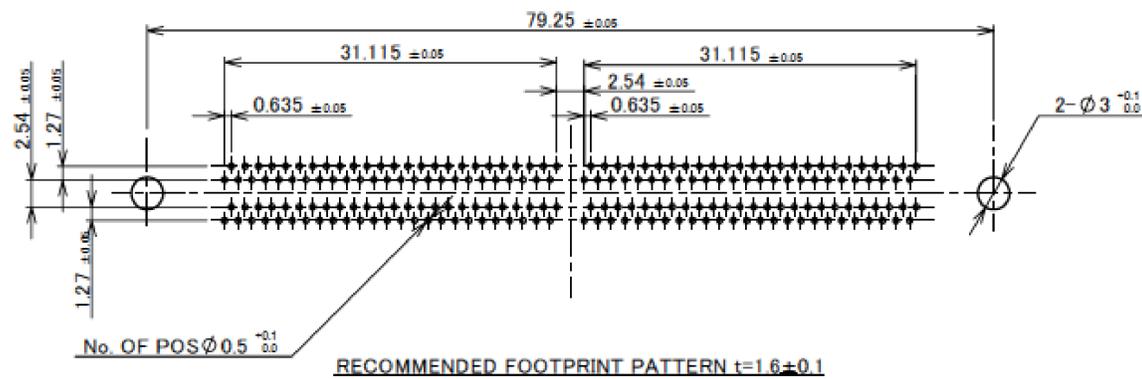
Recommended P/N 30007-200T-03F
 PART NO.
 30007-200T-03F



6	CONTACT GUIDE	PPS	BLACK UL94V-0
5	LOCATOR PLATE	PA	BLACK UL94V-0
4	GUIDE PIN	STEEL	Ni PLATING
3	RECE INSULATOR	PPS	BLACK UL94V-0
2	RECE CONTACT	COPPER ALLOY	CONTACT PART Au FLASH OVER Pd-Ni SOLDER TAIL Au FLASH
1	RECE SHELL	Zn ALLOY	Ni OVER Cu PLATING
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

NOTE
 1. CONNECTOR TO BE MATED: 30094

Rev.18



DO NOT MOUNT ANY OTHER COMPONENTS IN THIS AREA

Receptacle Assembly

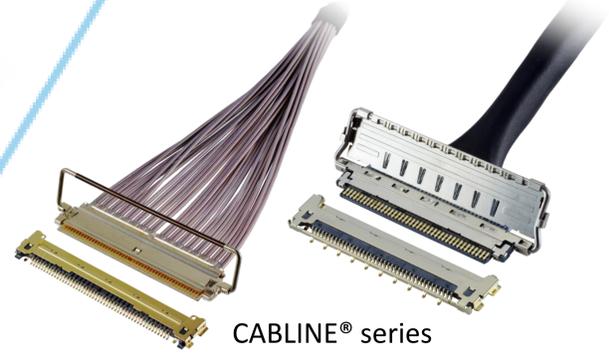
ITEMS	SPECIFICATION
RATING VOLTAGE	250V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.5A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	208 ~ 358K(-65°C ~ +85°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR CONTACT)	INITIAL : 70mohm MAX. / AFTER TEST : Δ 25mohm MAX.
INSULATION RESISTANCE	INITIAL : 10,000Mohm MIN. / AFTER TEST : 1,000Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC500V 1min
DURABILITY	5,000 CYCLES
MATING FORCE (INITIAL)	0.9N/pos. MAX.
UNMATING FORCE (AFTER TEST)	0.059N/pos. MIN.
COPLANARITY	-
PRODUCT SPECIFICATION	PRS-1011
TEST REPORT	TR-9020
PACKING STANDARD	300-030
INSTRUCTION MANUAL	-
APPEARANCE CRITERIA No.	QLS-A***

Rev.18

Custom Connectors Available

 RF Connectors

MHF® series



CABLINA® series



Micro-Coaxial/Twinaxial Connectors



Wire-to-Board Connectors/Terminals

AP series

ISH® series



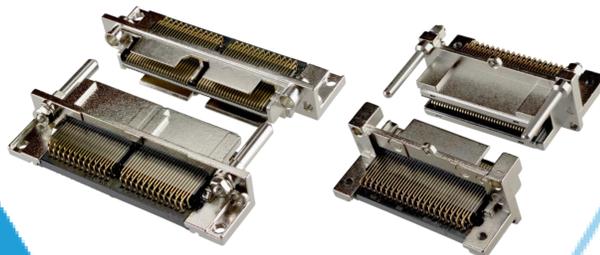
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

MINIFLEX® series

EVAFLEX® series



FPC/FFC Connectors



Inquiry



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Contact your sales representative or more detailed information.

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