

CABLINE® -UMF

フルシールド、多点グラウンド接点、メカニカルロック付き、高速伝送対応 (40 Gbps/lane PAM3)、0.4 mmピッチ、ライトアングル縦嵌合タイプ FPCコネクタ

Product Specifications:

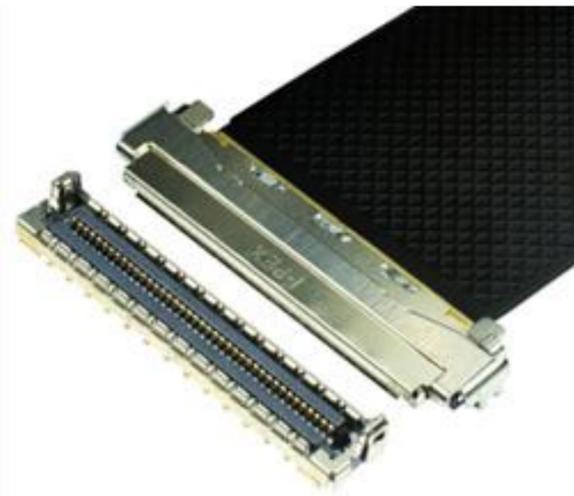
Mating Type	Vertical (Right Angle)	
Board Pitch	0.4 mm	
Wiping Length	0.65 mm min.	
Mated Size	Height	2.2 +/- 0.15 mm
	Width	5.0 + (0.4 x pin count) mm
	Depth	5.0 mm
Pin Counts	Range	Up to 70
	Available	40, 70

Applicable FPC:

FPC Type	Shielded FPC / Non-shielded FPC
FPC Thickness	Contact Area: 0.34 +/- 0.04 mm
	Ground Area: 0.34 +/- 0.04 mm

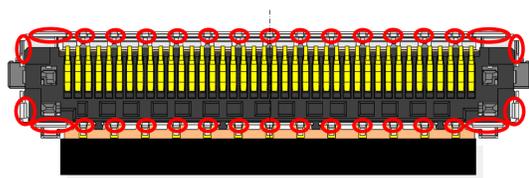
Applicable Standards (Reference Only):

USB4 Gen4 (40 Gbps/Lane PAM3),
DP UHBR20 (20 Gbps/Lane)



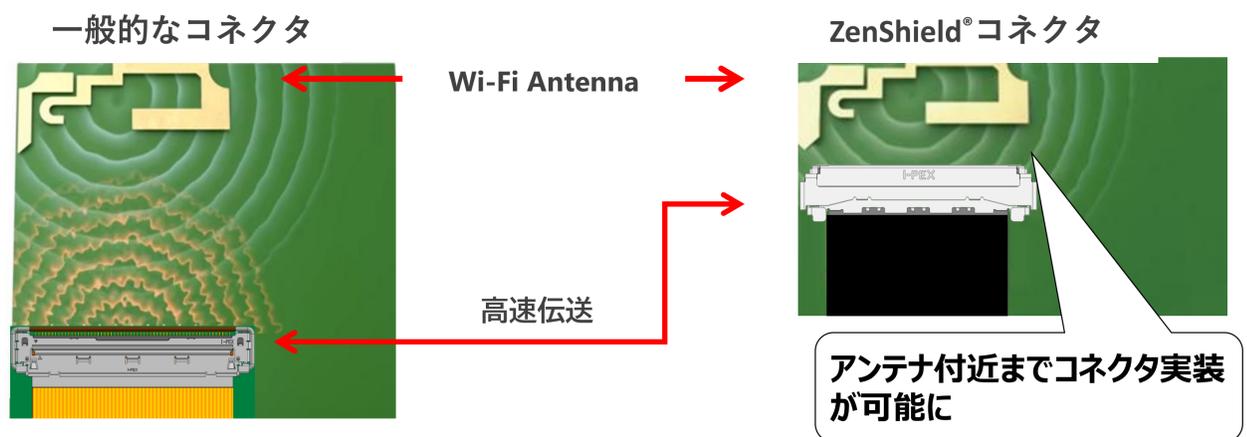
*記載のない芯数の対応状況についてはお問い合わせください。

▶ ZenShield®フルシールドと多点グラウンド構造で、EMCソリューションに最適



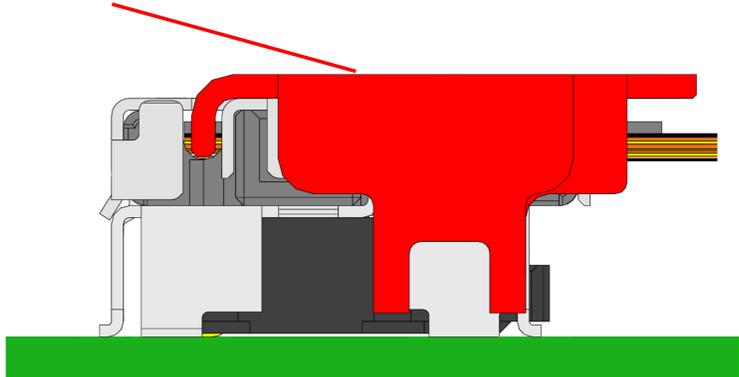
レセプタクル裏側

○ グラウンドSMT点

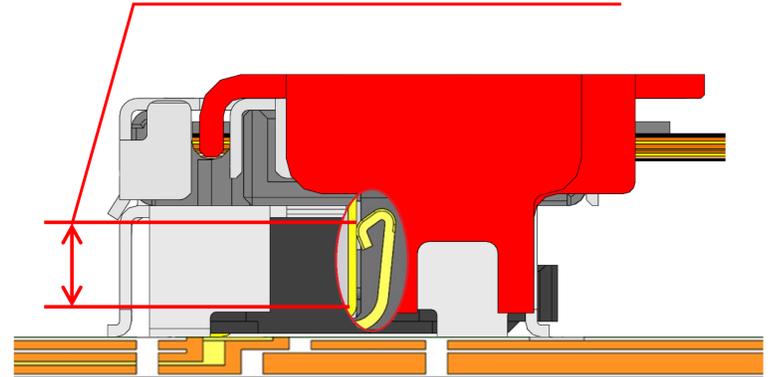


▶ ロックカバーと0.65 mm以上の有効嵌合長により、高い接触信頼性を実現

Lock Cover付き --- 嵌合保持力増強



有効嵌合長: 0.65 mm min.

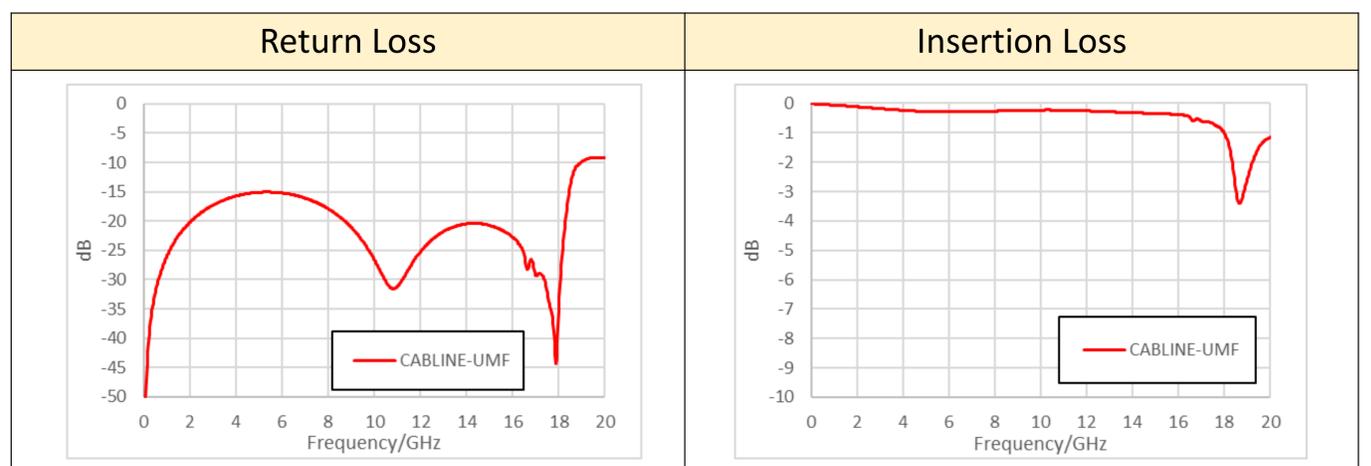


▶ 40 Gbps/lane PAM3 の高速伝送接続に最適

Simulation results

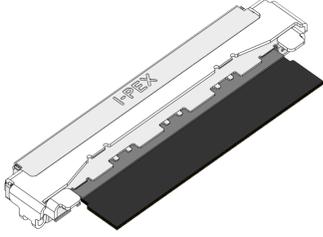
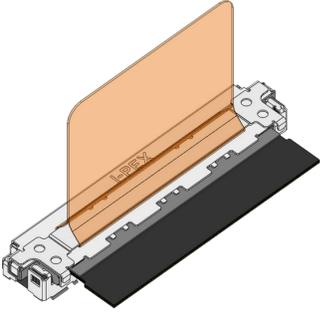
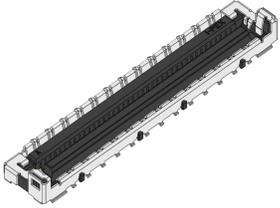
Connector:
PLUG: CABLINE-UMF
RECEPTACLE: CABLINE-UM

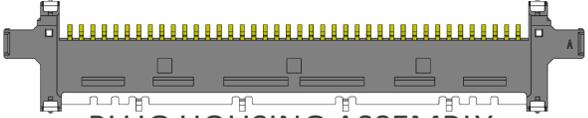
Pin Assignment: GSSGSSG



Component Parts Details

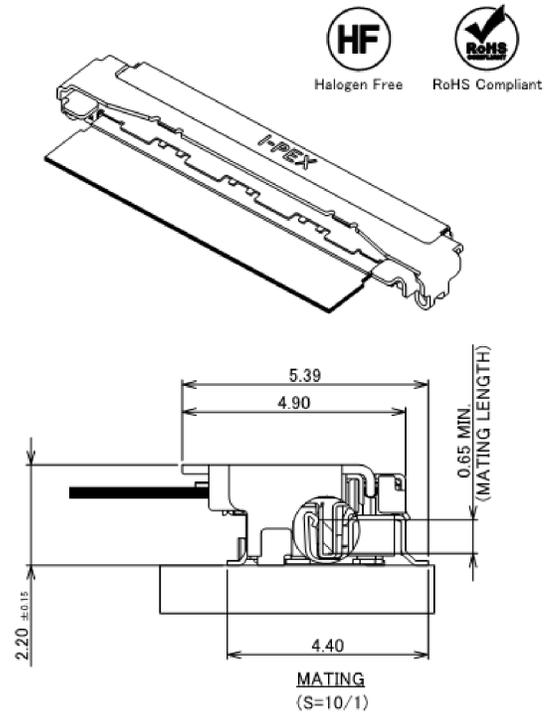
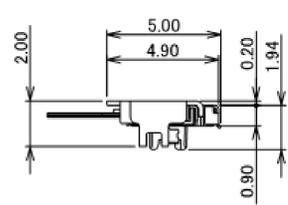
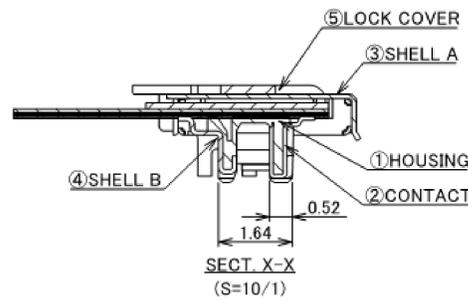
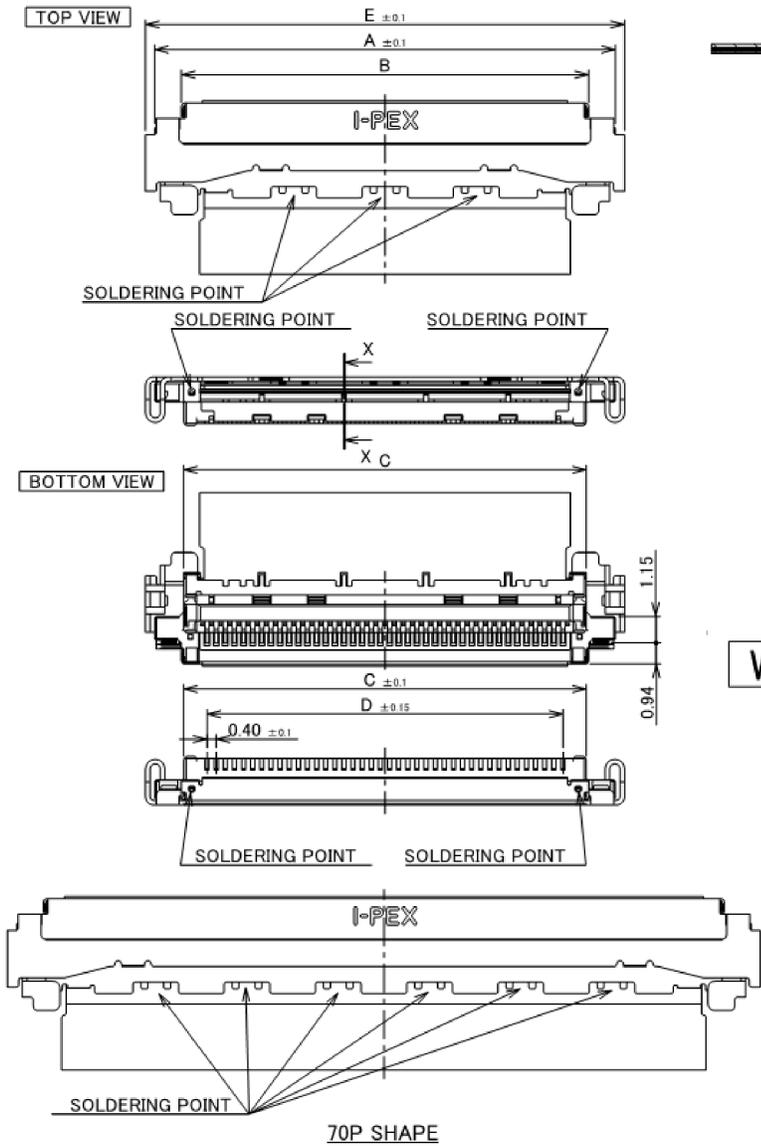
Component Parts

Connector parts
 <p>PLUG(WITH LOCK COVER)</p>
 <p>PLUG(WITH PULL TAPE HOLDER)</p>
 <p>RECEPTACLE</p>

Plug parts
 <p>PLUG HOUSING ASSEMBLY</p>
 <p>PLUG SHELL-A</p>
 <p>PLUG LOCK COVER</p>
 <p>PLUG PULL TAPE HOLDER</p>

Plug for Cable Assembly

Recommended P/N		21102-0**E-21				
PART NO.	Pos.	A	B	C	D	E
21102-040E-21	40	20.20	17.85	17.65	15.60	21.00
21102-070E-21	70	32.20	29.85	29.65	27.60	33.00



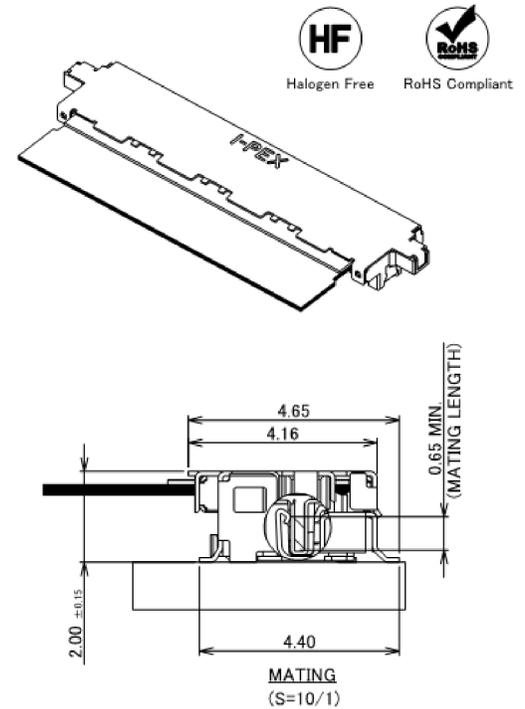
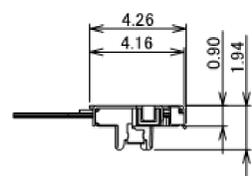
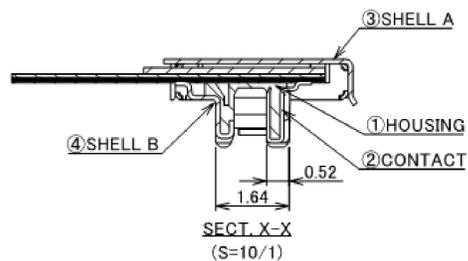
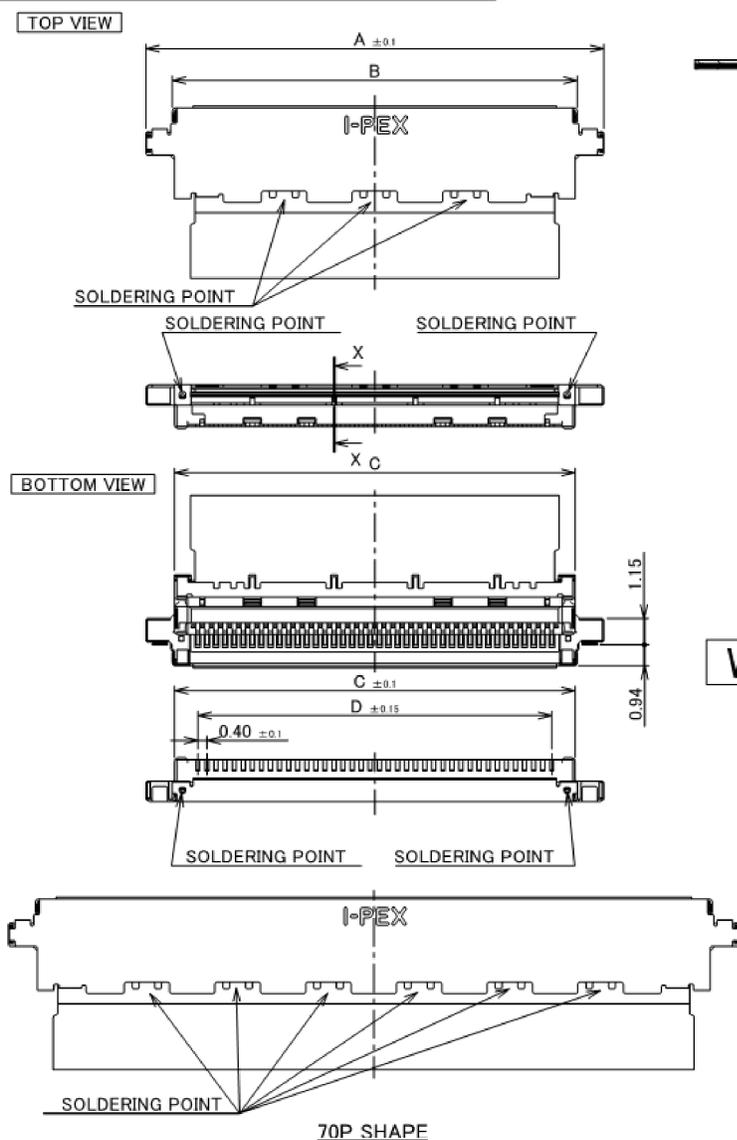
With LOCK COVER

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	LOCK COVER	PHOSPHOR BRONZE	ALL OVER Ni 1.0 μm MIN.
4	SHELL B	PHOSPHOR BRONZE	ALL Au 0.01 μm MIN. OVER Ni 1.00 μm MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μm MIN. OVER Ni 1.0 μm MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.00 μm MIN. CONTACT & SOLDERING AREA : Au 0.03 μm MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK



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Recommended P/N		21102-0**E-21			
PART NO.	Pos.	A	B	C	D
21102-040E-22	40	20.20	17.85	17.65	15.60
21102-070E-22	70	32.20	29.85	29.65	27.60



Without LOCK COVER

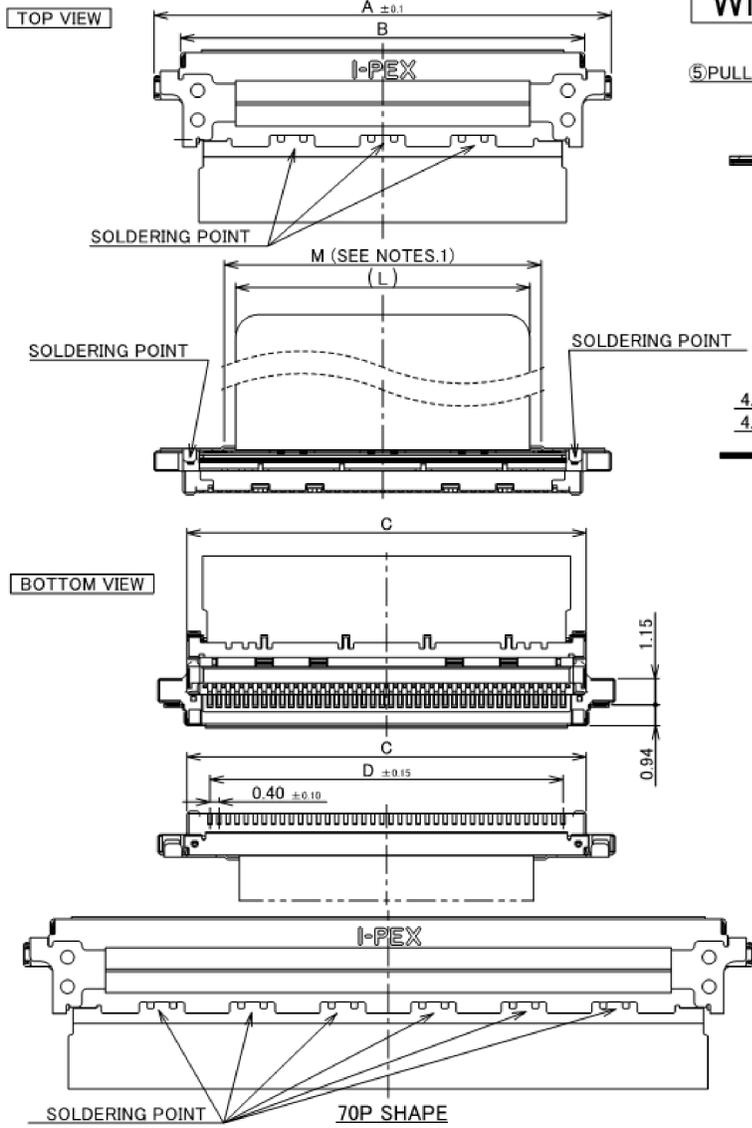
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
4	SHELL B	PHOSPHOR BRONZE	ALL Au 0.01 μm MIN. OVER Ni 1.00 μm MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μm MIN. OVER Ni 1.0 μm MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.00 μm MIN. CONTACT & SOLDERING AREA : Au 0.03 μm MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK



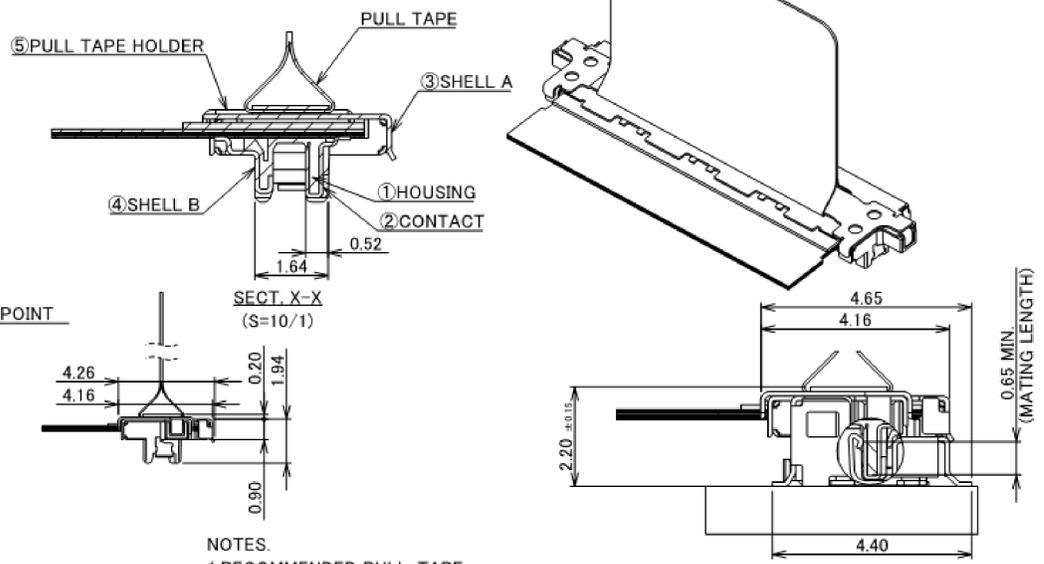
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Plug for Cable Assembly

Recommended P/N		21102-0**E-21					
PART NO.	Pos.	A	B	C	D	L	M
21102-040E-23	40	20.20	17.85	17.65	15.60	13.00	14.00
21102-070E-23	70	32.20	29.85	29.65	27.60	25.00	26.00



With PULL TAPE HOLDER



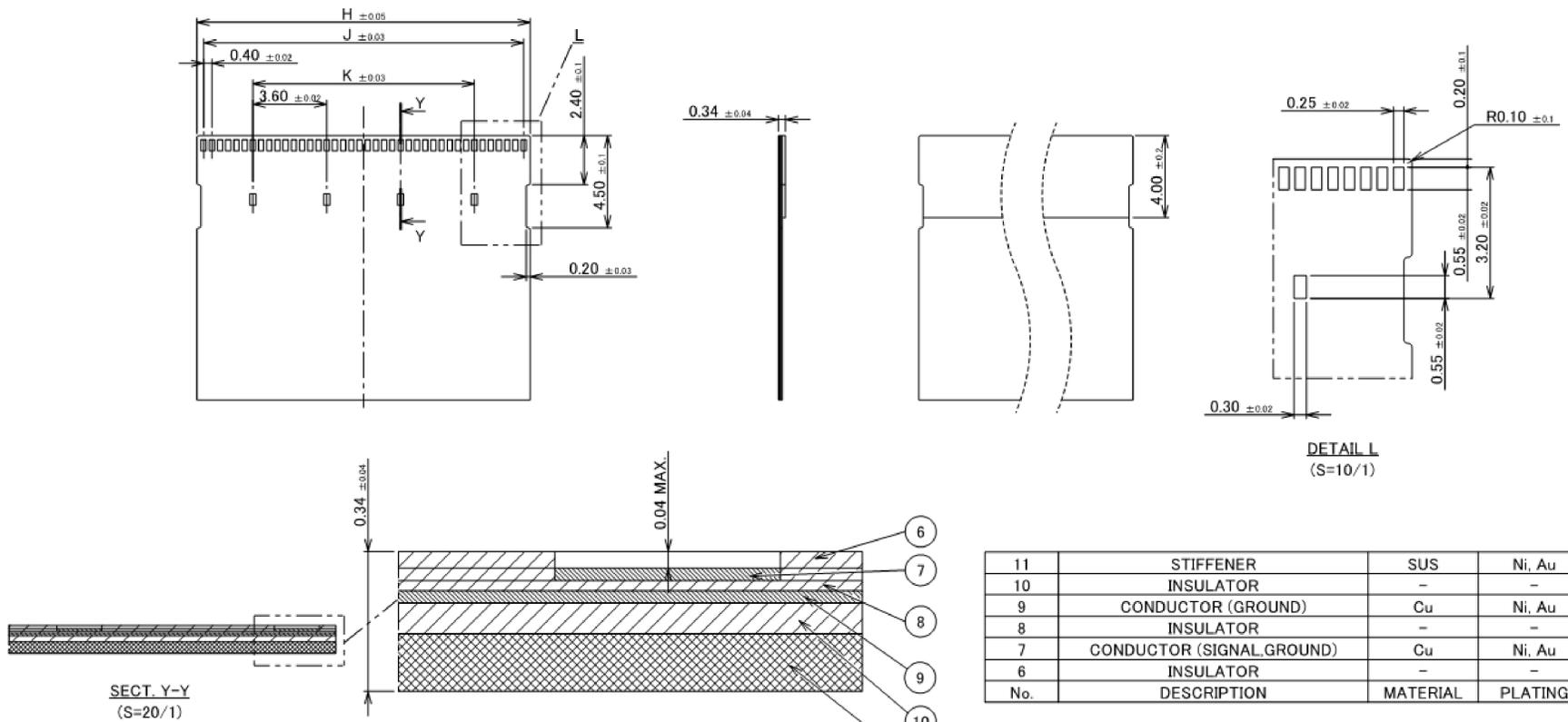
NOTES.

- RECOMMENDED PULL-TAPE
PULL-TAPE : TERAOKA's INSULATION TAPE No.650S(#50) t=0.08
- PULL-TAPE CAN BE PUT WITHIN THE RANGE OF "G" STRIAIGHT AREA.

No.	DISCRIPTION	MATERIAL	FINISH . REMARKS
5	PULL TAPE HOLDER	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
4	SHELL B	PHOSPHOR BRONZE	ALL Au 0.01 μ m MIN. OVER Ni 1.00 μ m MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.0 μ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.00 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK

PART NO.	Pos.	H	J	K
21103-040E-02	40	16.25	15.60	10.80
21103-070E-02	70	28.25	27.60	25.20

RECOMMENDED FPC FOOT PATTERN



No.	DESCRIPTION	MATERIAL	PLATING
11	STIFFENER	SUS	Ni, Au
10	INSULATOR	-	-
9	CONDUCTOR (GROUND)	Cu	Ni, Au
8	INSULATOR	-	-
7	CONDUCTOR (SIGNAL,GROUND)	Cu	Ni, Au
6	INSULATOR	-	-

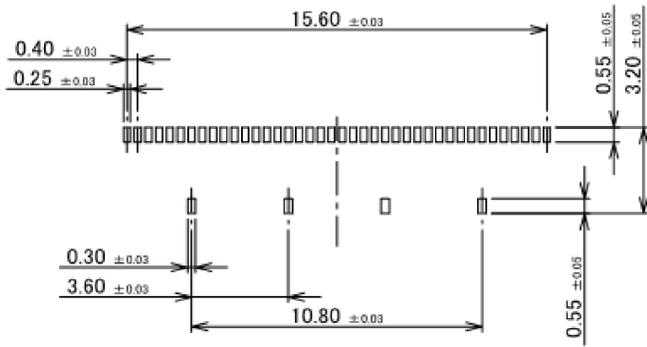
REFERENCE FPC STACK UP

- NOTE.
- NO.7 CONDUCTOR(GROUND) AND NO.9 CONDUCTOR (GROUND) ARE CARRYING OUT THE ELECTRICAL CONNECTION.
 - IT IS RECOMMENDED TO ELECTRICALLY CONNECT NO.9 CONDUCTOR (GROUND) AND NO.11 STIFFENER.

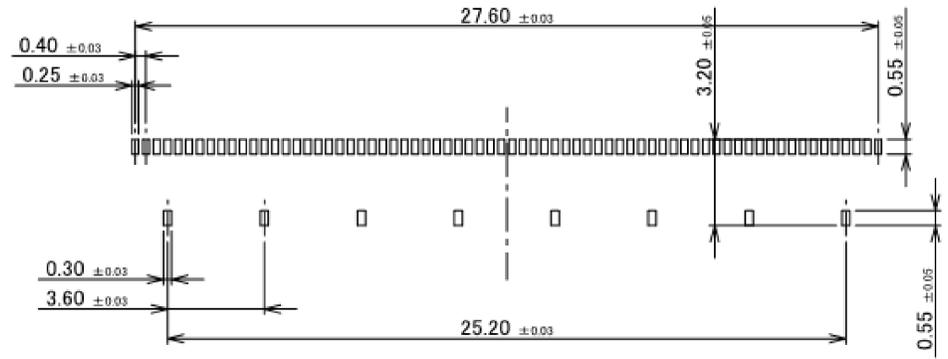
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Plug for Cable Assembly

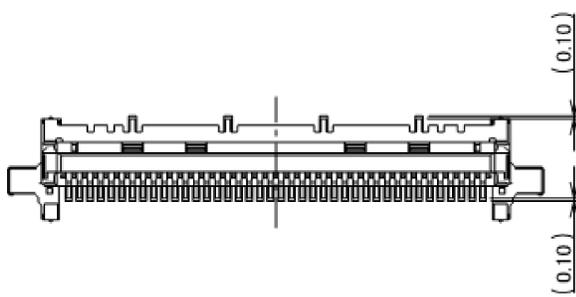


40P RECOMMENDED METAL MASK LAYOUT (S=5/1)
※ METAL MASK THICKNESS : t = 0.12

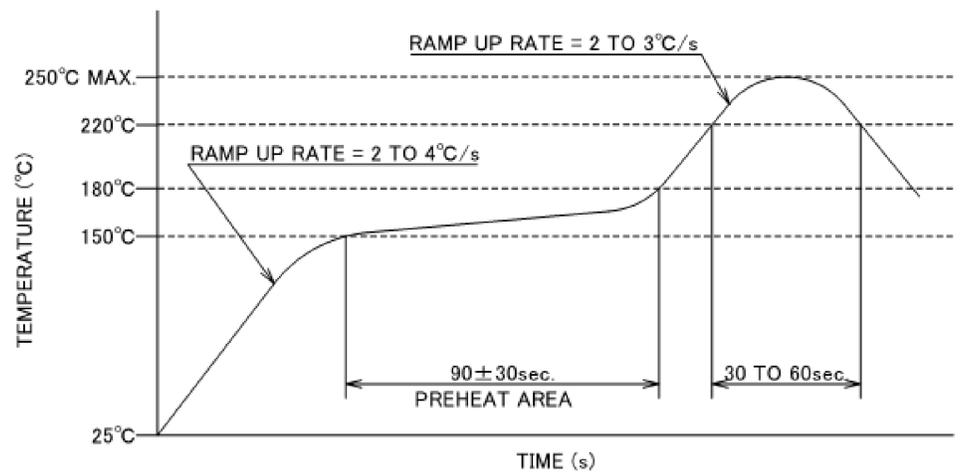


70P RECOMMENDED METAL MASK LAYOUT (S=5/1)
※ METAL MASK THICKNESS : t = 0.12

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CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

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Plug for Cable Assembly

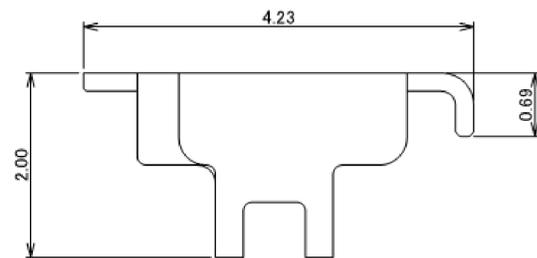
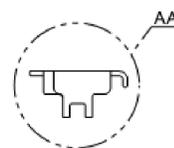
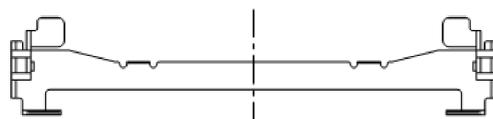
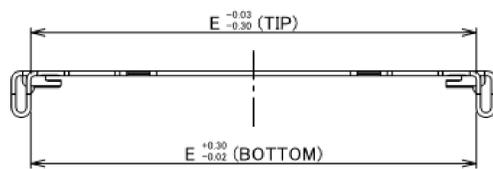
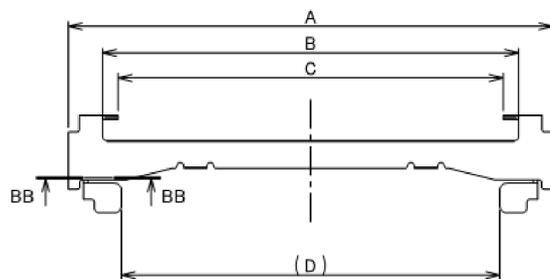
ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR.
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT PIN) ※AVAILABLE UP TO 31PIN 0.3A AC/DC (PER CONTACT PIN) ※AVAILABLE UP TO ALL PIN ※TO BE DETERMINED BY PROTOTYPE EVALUATION ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233 TO 378K (-40°C TO +105°C)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 60mohm MAX. / AFTER TEST : $\angle 140\text{mohm}$ MAX.
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : $\angle 140\text{mohm}$ MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	40P : 40.0N MAX. / 70P : 58.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	40P : 4.0N MIN. / 70P : 7.0N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2997
TEST REPORT	TR-26009
INSTRUCTION MANUAL	HIM-25007
ASSEMBLY MANUAL	ASM-26001
APPEARANCE CRITERIA No.	QLS-A***

※Only the single-hook pull jig is permitted
The dual-hook pull jig is not allowed

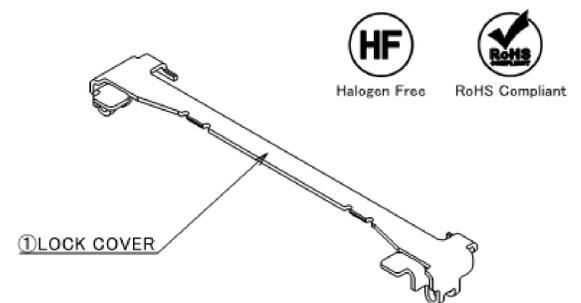
Rev.0

Lock Cover

Recommended P/N		3914-0**1				
PART NO.	Pos.	A	B	C	D	E
3914-0401	40	21.00	18.05	16.70	16.40	19.30
3914-0701	70	33.00	30.05	28.70	28.40	31.30



DETAIL AA
(S=20/1)



NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS
1	LOCK COVER	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μm MIN

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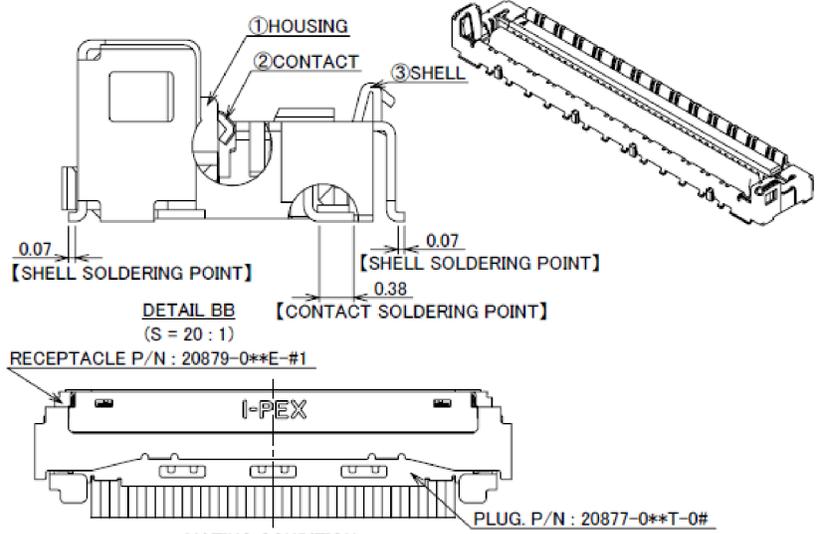
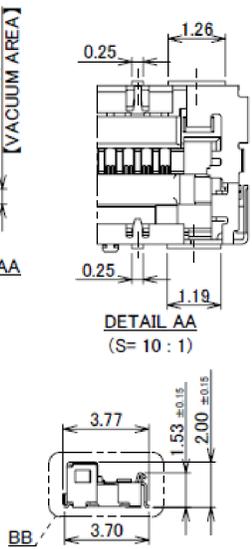
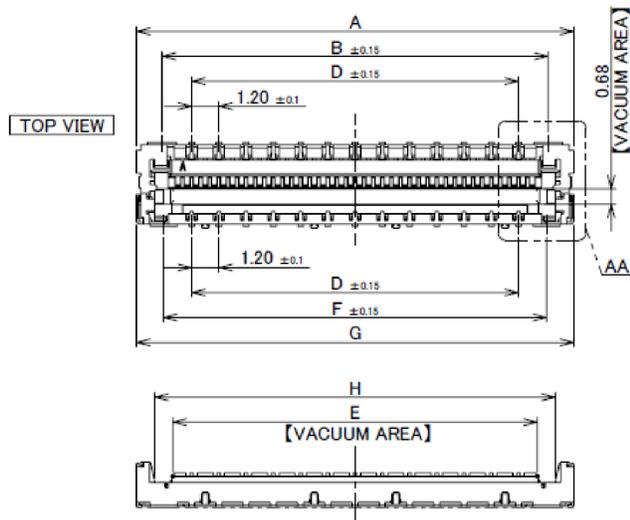
Receptacle Assembly

Recommended P/N		20879-0**E-01							
PART NO.	Pos.	A	B	C	D	E	F	G	H
20879-030E-#1	30	15.27	13.01	11.60	9.60	12.07	12.88	15.27	13.65
20879-040E-#1	40	19.27	17.01	15.60	14.40	16.07	16.88	19.27	17.65
20879-050E-#1	50	23.27	21.01	19.60	17.60	20.07	20.88	23.27	21.65
20879-060E-#1	60	27.27	25.01	23.60	21.60	24.07	24.88	27.27	25.65

P/N : 20879-0**E-##
Pos.

- 1 : NARROW GROUND PIN TYPE
 - 2 : WIDER GROUND PIN TYPE
- SEE TABLE.1

#1 TYPE



MATING CONDITION

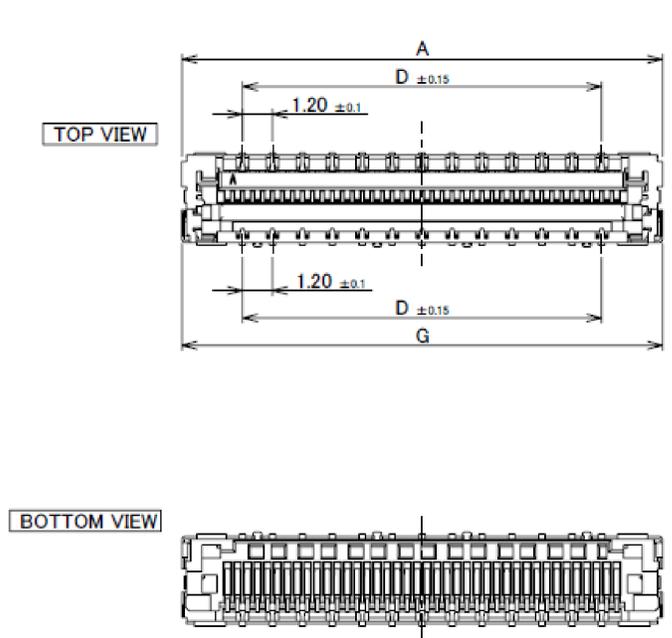
TABLE.1

PART NO.	CONTACT FINISH
20879-0**E-01	ALL OVER Ni 1.00 μm MIN. CONTACT & SOLDERING AREA : Au 0.03 μm MIN.
20879-0**E-11	ALL OVER Ni 1.27 μm MIN. CONTACT AREA : Au 0.254 μm MIN. SOLDERING AREA : Au 0.03 μm MIN.

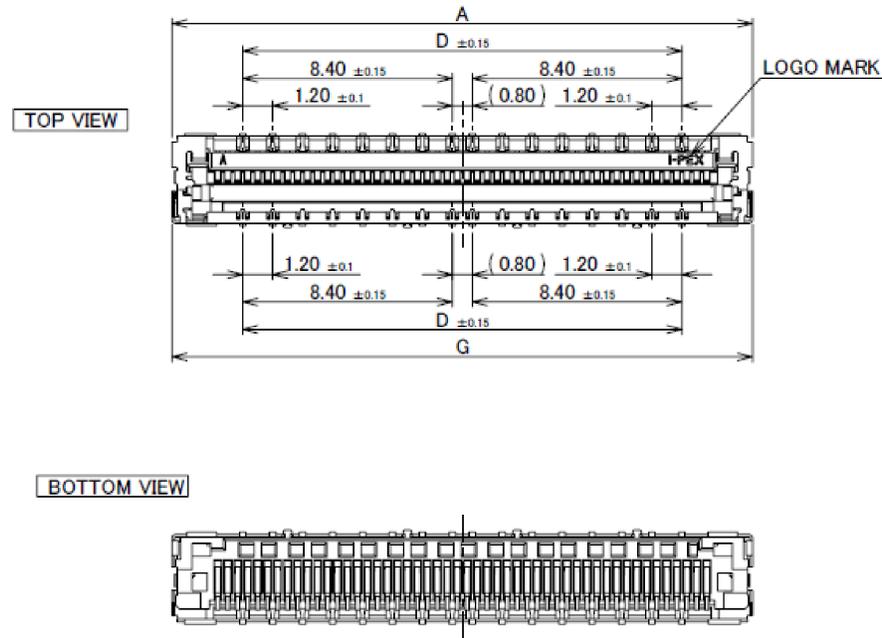
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	SHELL	PHOSPHOR BRONZE	ALL OVER : Ni 1.00 μm MIN. SOLDERING AREA : Au 0.02 μm MIN.
2	CONTACT	CORSON ALLOY	SEE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK

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Recommended P/N		20879-0**E-01		
PART NO.	Pos.	A	D	G
20879-030E-#1	30	15.27	9.60	15.27
20879-040E-#1	40	19.27	14.40	19.27
20879-050E-#1	50	23.27	17.60	23.27
20879-060E-#1	60	27.27	21.60	27.27



30P, 40P, 60P



50P

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Receptacle Assembly

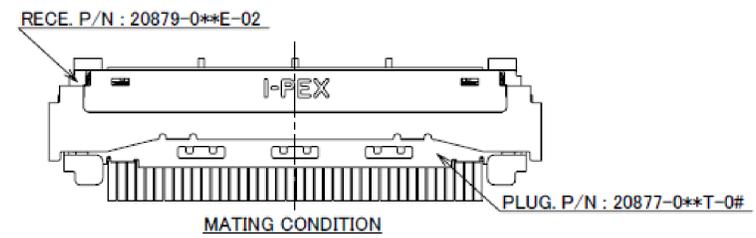
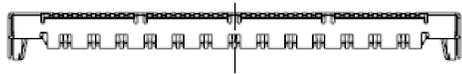
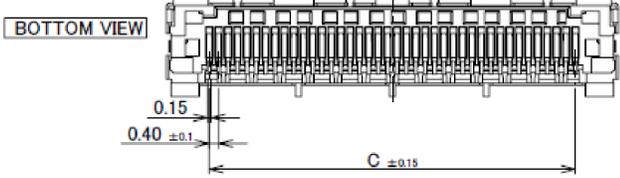
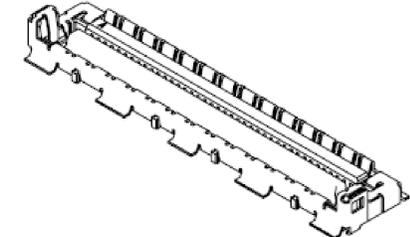
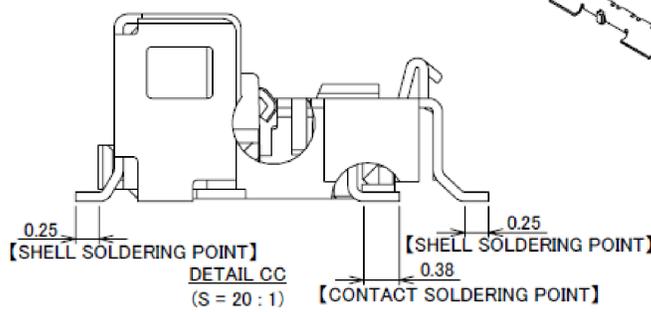
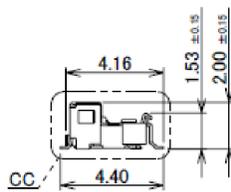
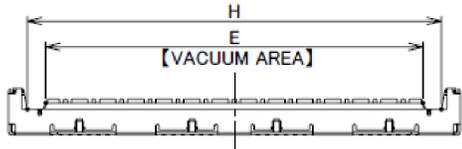
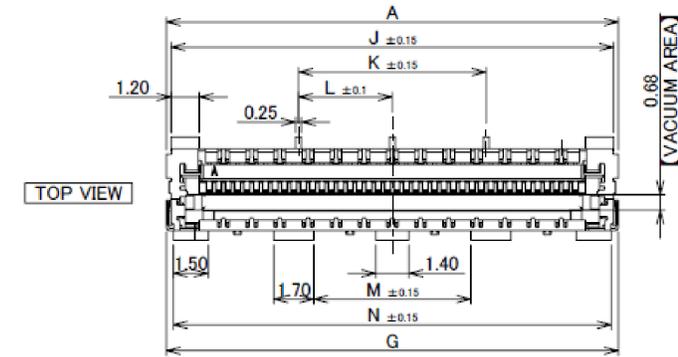
Recommended P/N		20879-0**E-01									
PART NO.	Pos.	A	C	E	G	H	J	K	L	M	N
20879-030E-02	30	15.27	11.60	12.07	15.27	13.65	14.87	4.00	-	7.09	14.69
20879-040E-02	40	19.27	15.60	16.07	19.27	17.65	18.87	8.00	4.00	6.70	18.69
20879-050E-02	50	23.27	19.60	20.07	23.27	21.65	22.87	14.40	3.60	8.70	22.69
20879-060E-02	60	27.27	23.60	24.07	27.27	25.65	26.87	17.60	-	10.70	26.69
20879-070E-02	70	31.27	27.60	28.07	31.27	29.65	30.87	20.00	-	11.50	30.69

02 TYPE



Halogen Free

RoHS Compliant



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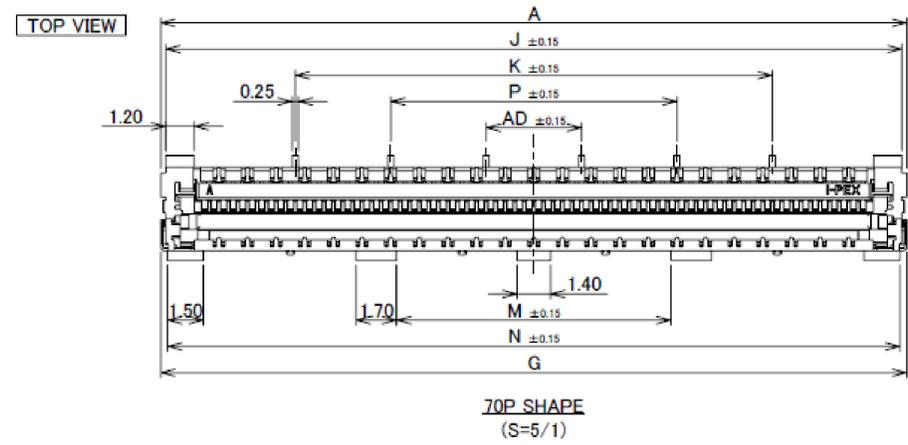
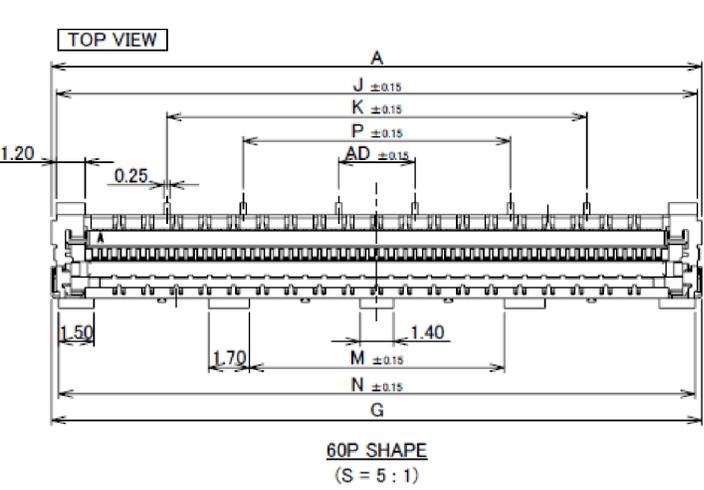
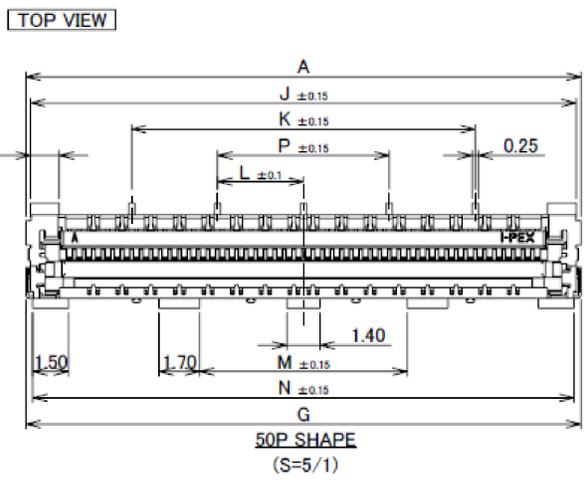
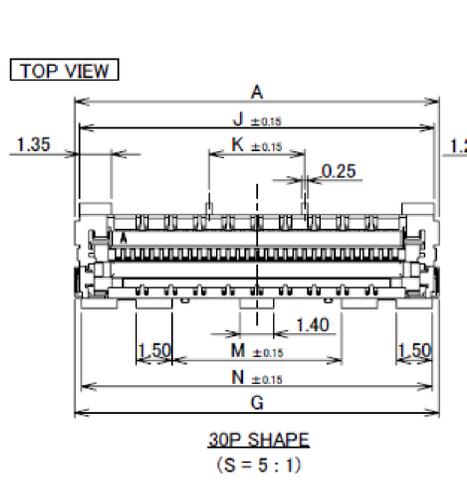
Recommended P/N		20879-0**E-01												
PART NO.	Pos.	A	C	E	G	H	J	K	L	M	N	P	AD	
20879-030E-02	30	15.27	11.60	12.07	15.27	13.65	14.87	4.00	-	7.09	14.69	-	-	
20879-040E-02	40	19.27	15.60	16.07	19.27	17.65	18.87	8.00	4.00	6.70	18.69	-	-	
20879-050E-02	50	23.27	19.60	20.07	23.27	21.65	22.87	14.40	3.60	8.70	22.69	7.20	-	
20879-060E-02	60	27.27	23.60	24.07	27.27	25.65	26.87	17.60	-	10.70	26.69	11.20	3.20	
20879-070E-02	70	31.27	27.60	28.07	31.27	29.65	30.87	20.00	-	11.50	30.69	12.00	4.00	

02 TYPE



Halogen Free

RoHS Compliant

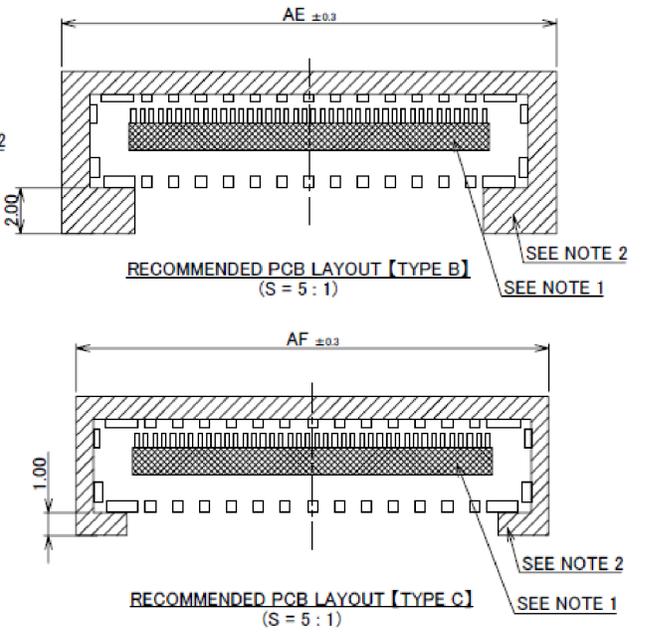
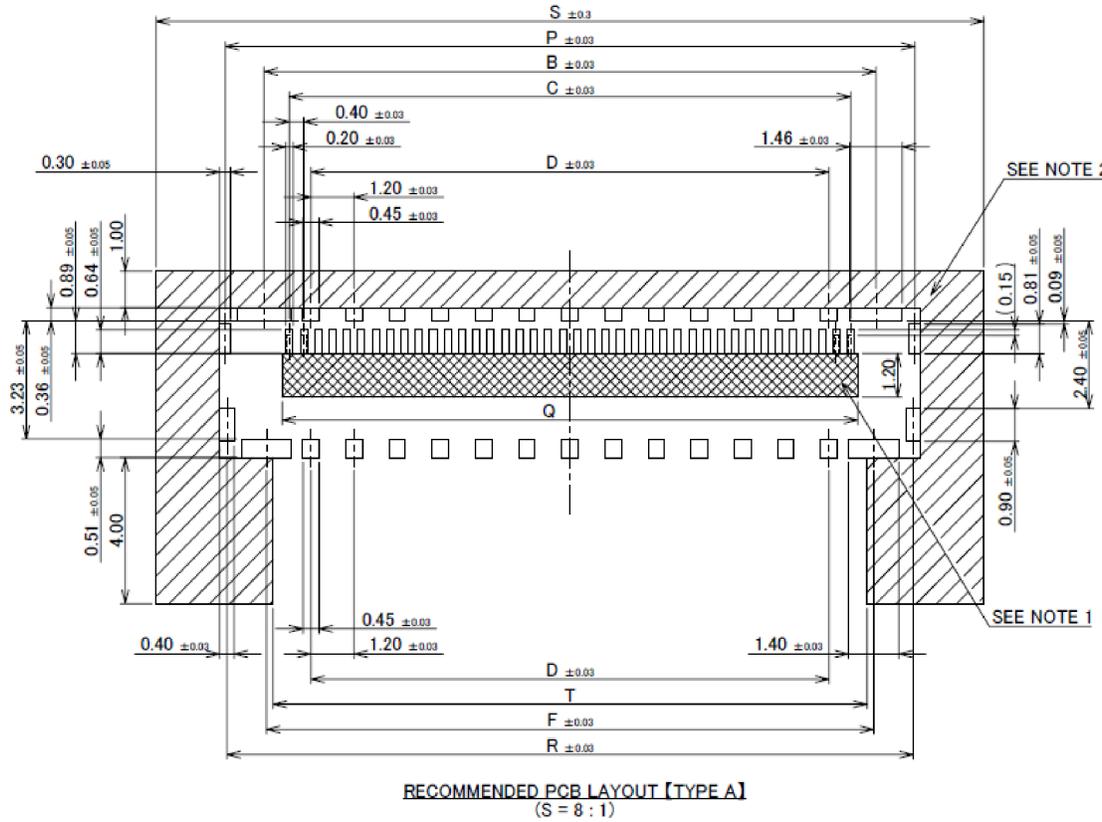


Rev.18

Receptacle Assembly

PART No.	Pos.	B	C	D	F	P	Q	R	S	T	AE	AF
20879-030E-#1	30	13.01	11.60	9.60	12.88	15.17	12.00	15.07	19.00	12.50	18.00	17.00
20879-040E-#1	40	17.01	15.60	14.40	16.88	19.17	16.00	19.07	23.00	16.50	22.00	21.00
20879-060E-#1	60	25.01	23.60	21.60	24.88	27.17	24.00	27.07	31.00	24.50	30.00	29.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

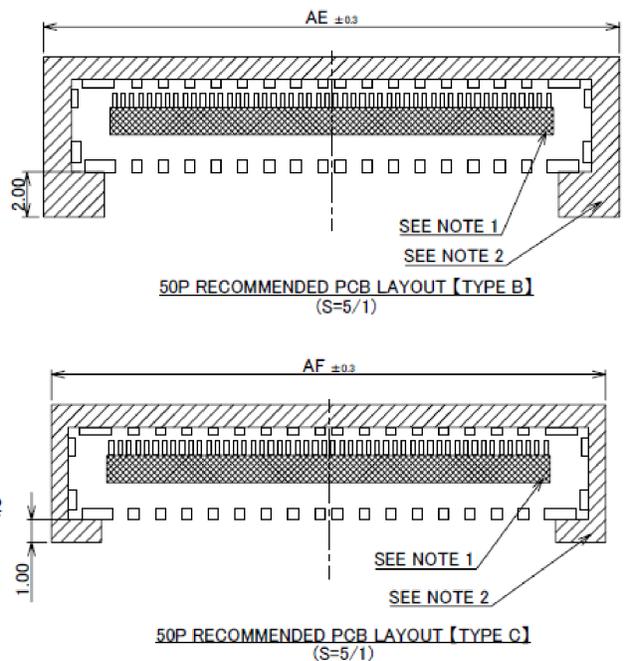
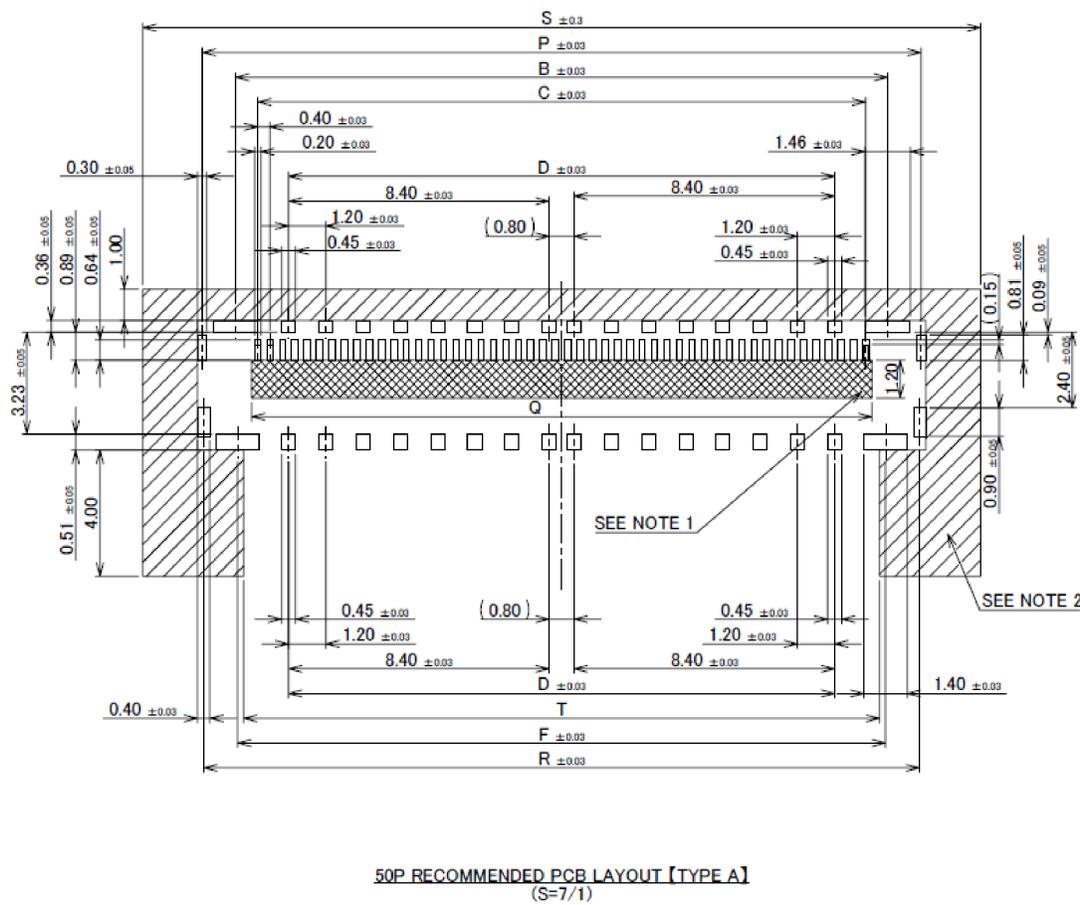


NOTES.
 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
 THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
 AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
 FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

Rev.18

PART No.	Pos.	B	C	D	F	P	Q	R	S	T	AE	AF
20879-050E-#1	50	21.01	19.60	17.60	20.88	23.17	20.00	23.07	27.00	20.50	26.00	25.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	



NOTES.
 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
 THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
 AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
 FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

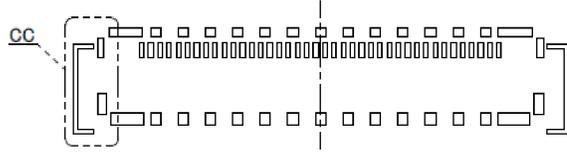
Rev.18

Receptacle Assembly

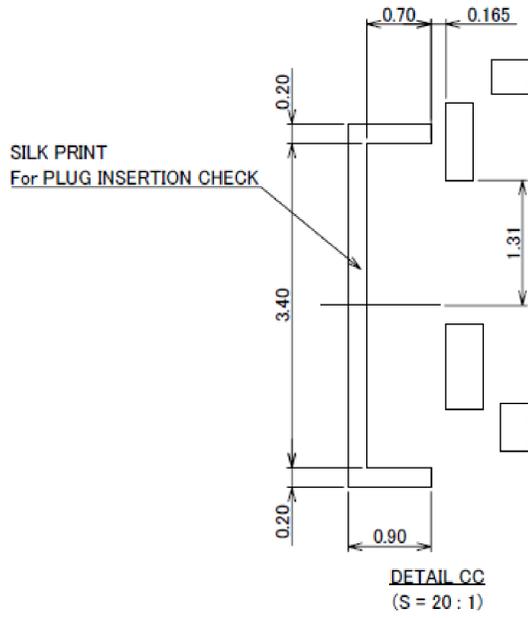
PART No.	Pos.
20879-030E-#1	30
20879-040E-#1	40
20879-050E-#1	50
20879-060E-#1	60

#1 TYPE

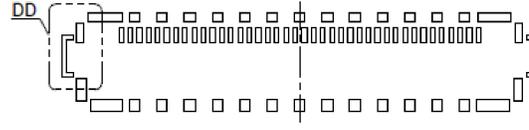
With LOCK COVER



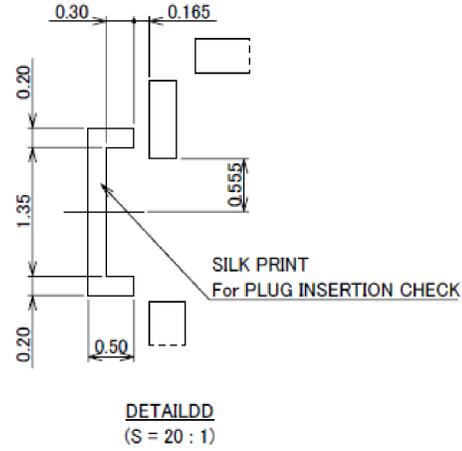
RECOMMENDED SILK PRINT For With LOCK COVER
(S = 5 : 1)



Without LOCK COVER & With PULL TAPE HOLDER



RECOMMENDED SILK PRINT For Without LOCK COVER
(S = 5 : 1)

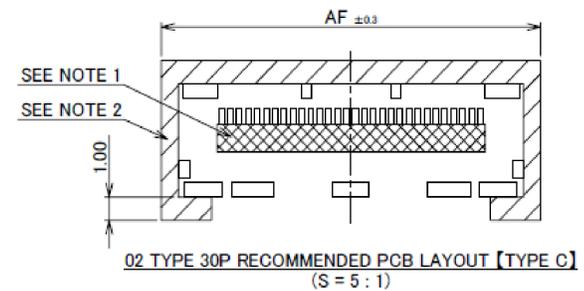
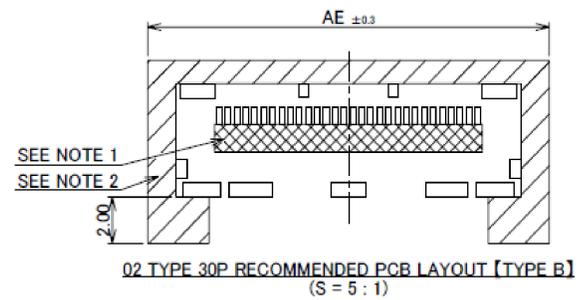
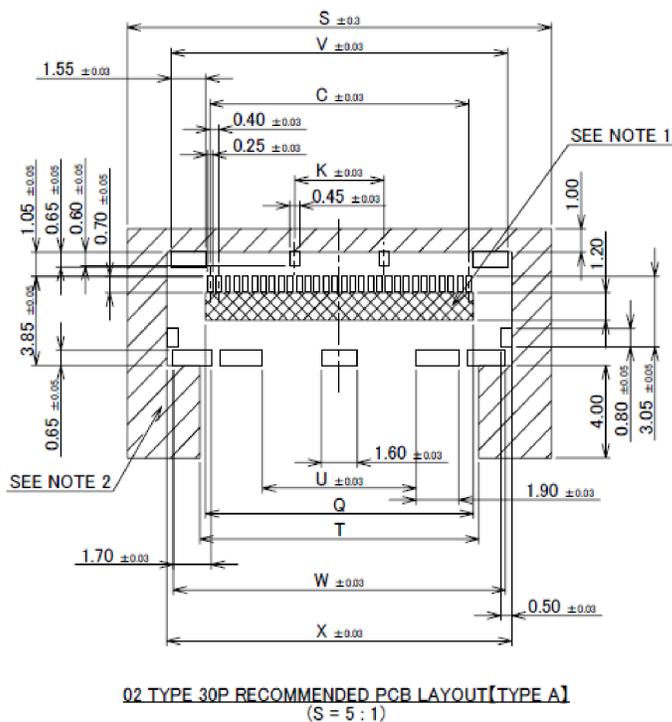


Rev.18

PART No.	Pos.	C	K	L	Q	S	T	U	V	W	X	AE	AF
20879-030E-02	30	11.60	4.00	-	12.00	19.00	12.50	6.89	15.07	14.89	15.47	18.00	17.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

02 TYPE



NOTES.

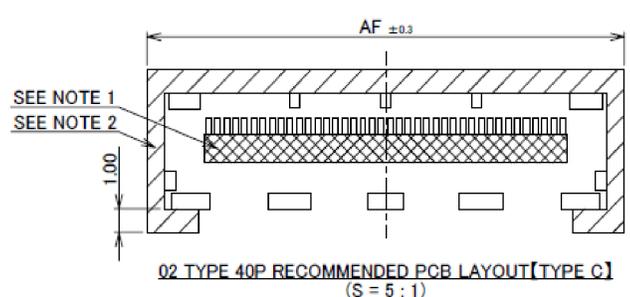
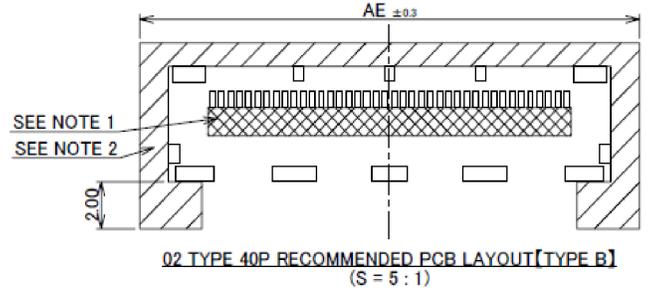
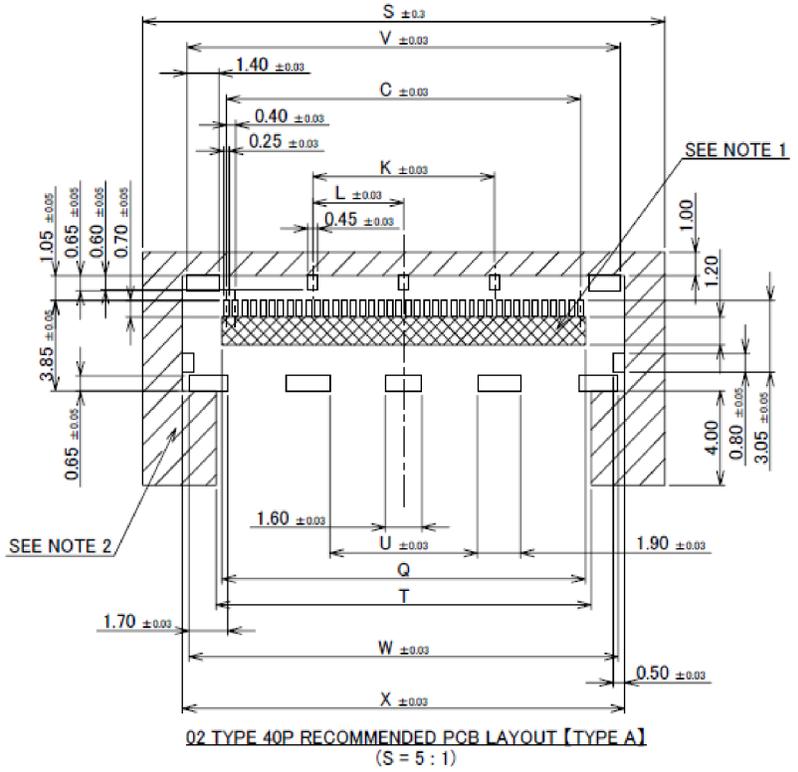
- SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 - DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
- THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED, AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED. FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

Rev.18

Receptacle Assembly

PART No.	Pos.	C	K	L	Q	S	T	U	V	W	X	AE	AF
20879-040E-02	40	15.60	8.00	4.00	16.00	23.00	16.50	6.50	19.07	18.89	19.47	22.00	21.00

02 TYPE



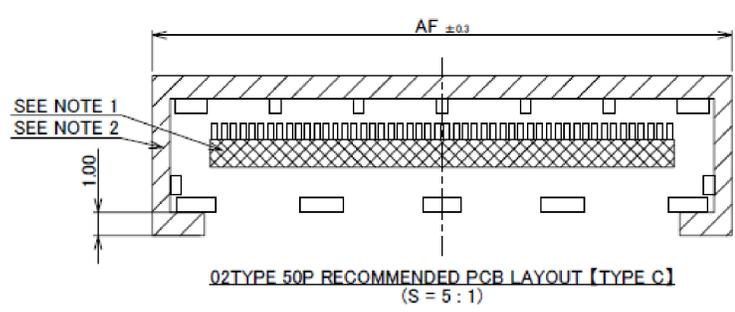
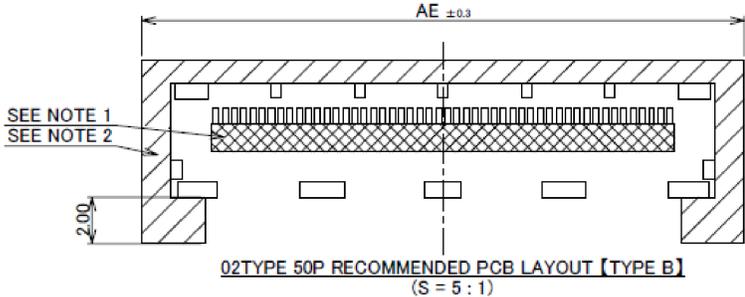
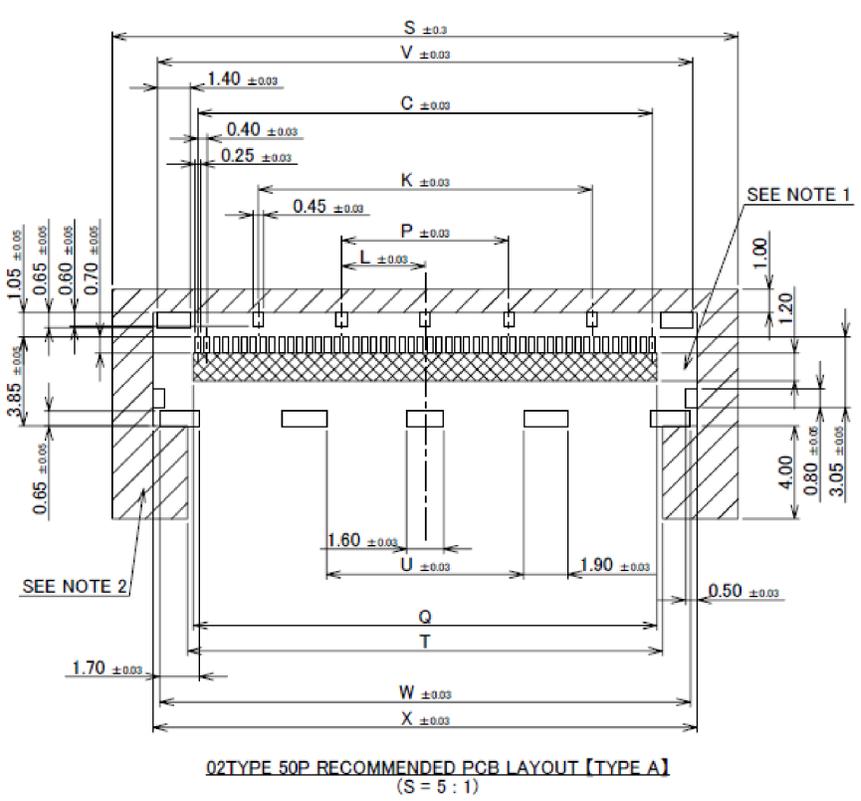
NOTES.
 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
 THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
 AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
 FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

Rev.18

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0##T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0##T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0##T-03	-	TYPE C
	-	

PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AE	AF
20879-050E-02	50	19.60	14.40	3.60	7.20	20.00	27.00	20.50	8.50	23.07	22.89	23.47	26.00	25.00

02 TYPE



NOTES.
 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
 THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED,
 AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED.
 FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

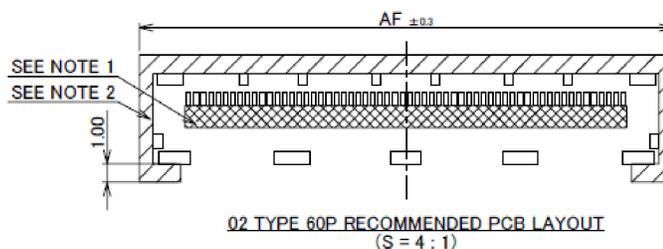
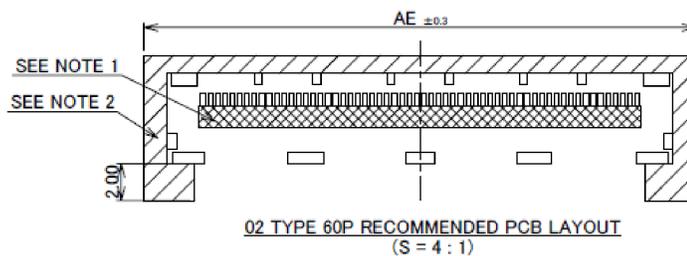
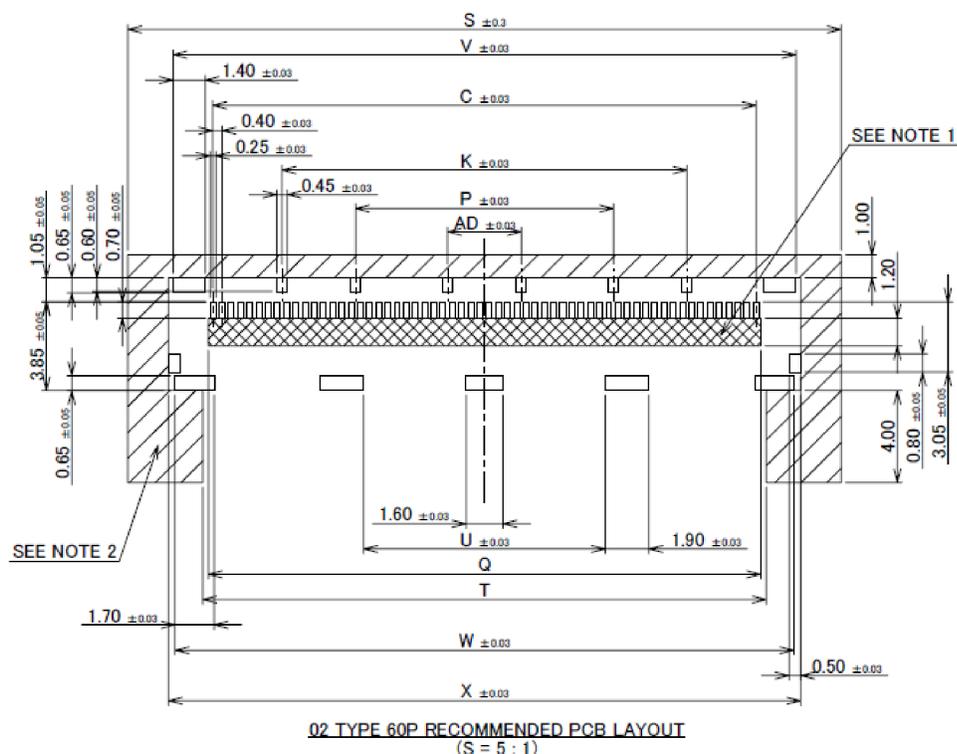
Rev.18

Receptacle Assembly

PART No.	Pos.	C	K	L	P	Q	S	T	U	V	W	X	AD	AE	AF
20879-060E-02	60	23.60	17.60	-	11.20	24.00	31.00	24.50	10.50	27.07	26.89	27.47	3.20	30.00	29.00

PLUG PART No.	DUAL-HOOK PULL JIG	PCB LAYOUT
20877-0#T-01	USE	TYPE A
	UNUSED	TYPE B
20877-0#T-02	USE	TYPE A
	UNUSED	TYPE C
20877-0#T-03	-	-
	-	TYPE C

02 TYPE



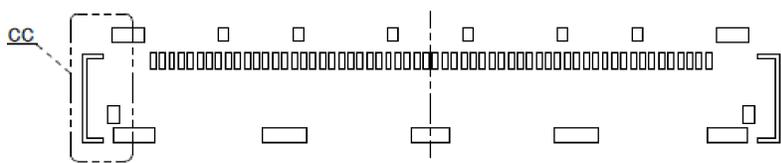
- NOTES.
- SOLDER RESIST MUST BE APPLIED TO THIS AREA.
 - DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
- THIS AREA VARIES DEPENDING ON WHETHER THE PULL JIG IS USED, AND THE PART NUMBER OF THE PLUG CABLE ASSEMBLY BEING USED. FOR DETAILS ON THE PULL JIG, PLEASE REFER TO HIM-18033.

Rev.18

PART No.	Pos.
20879-030E-02	30
20879-040E-02	40
20879-050E-02	50
20879-060E-02	60
20879-070E-02	70

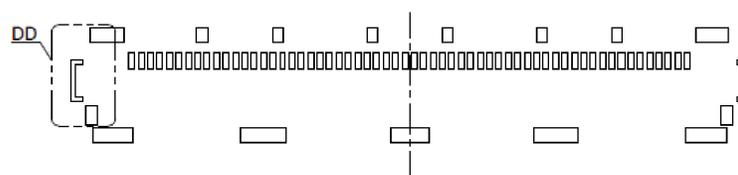
02 TYPE

With LOCK COVER

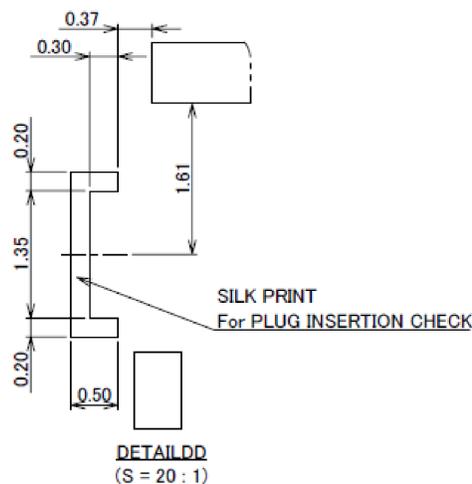
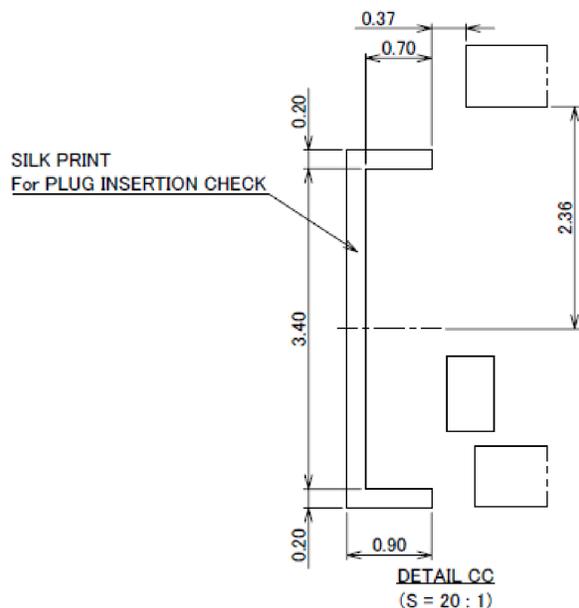


RECOMMENDED SILK PRINT For With LOCK COVER (S = 5 : 1)

Without LOCK COVER & With PULL TAPE HOLDER



RECOMMENDED SILK PRINT For Without LOCK COVER (S = 5 : 1)

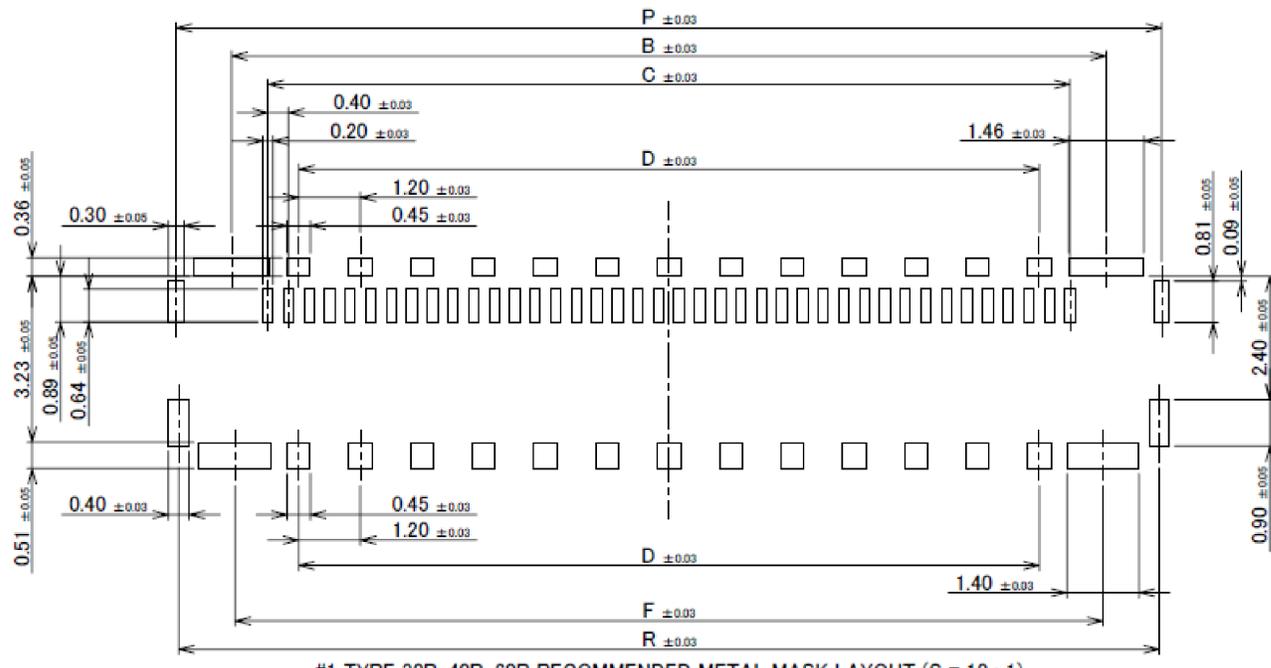


Rev.18

Receptacle Assembly

PART No.	Pos.	B	C	D	F	P	R
20879-030E-#1	30	13.01	11.60	9.60	12.88	15.17	15.07
20879-040E-#1	40	17.01	15.60	14.40	16.88	19.17	19.07
20879-060E-#1	60	25.01	23.60	21.60	24.88	27.17	27.07

#1 TYPE

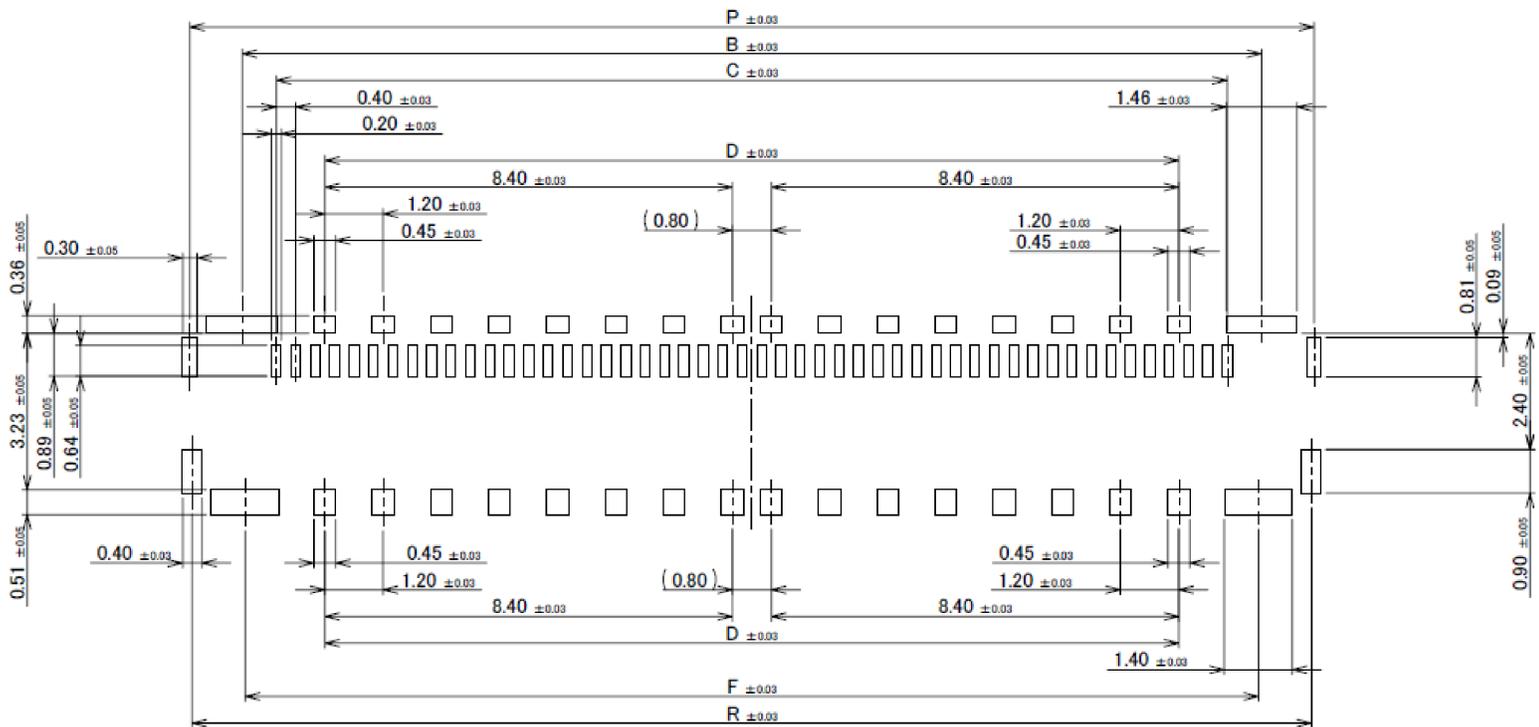


#1 TYPE 30P, 40P, 60P RECOMMENDED METAL MASK LAYOUT (S = 10 : 1)
 ※ METAL MASK THICKNESS : t = 0.10

Rev.18

PART No.	Pos.	B	C	D	F	P	R
20879-050E-#1	50	21.01	19.60	17.60	20.88	23.17	23.07

#1 TYPE



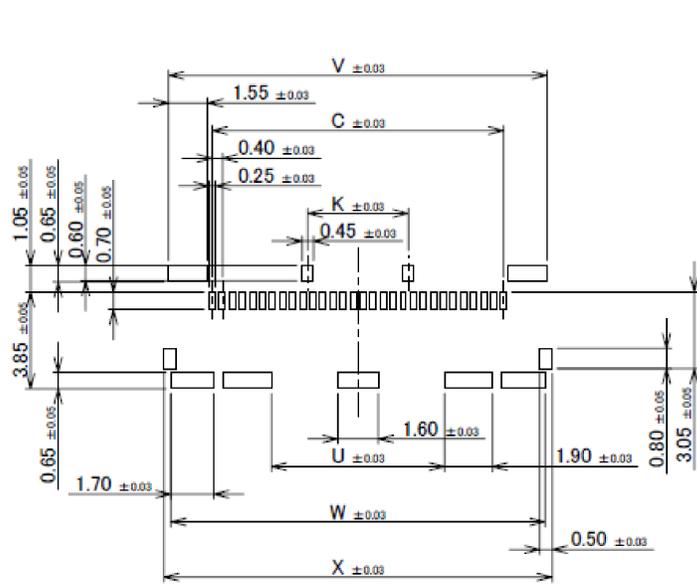
#1 TYPE 50P RECOMMENDED METAL MASK LAYOUT (S = 10 : 1)
 ※ METAL MASK THICKNESS : t = 0.10

Rev.18

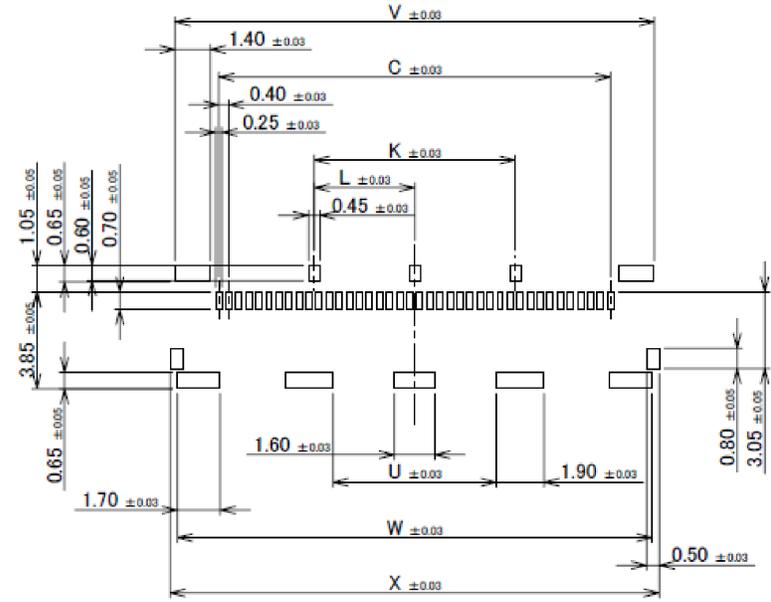
Receptacle Assembly

PART No.	Pos.	C	K	L	U	V	W	X
20879-030E-02	30	11.60	4.00	-	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47
20879-050E-02	50	19.60	14.40	3.60	8.50	23.07	22.89	23.47
20879-060E-02	60	23.60	17.60	-	10.50	27.07	26.89	27.47
20879-070E-02	70	27.60	20.00	-	11.30	31.07	30.89	31.47

02 TYPE



02 TYPE 30P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12

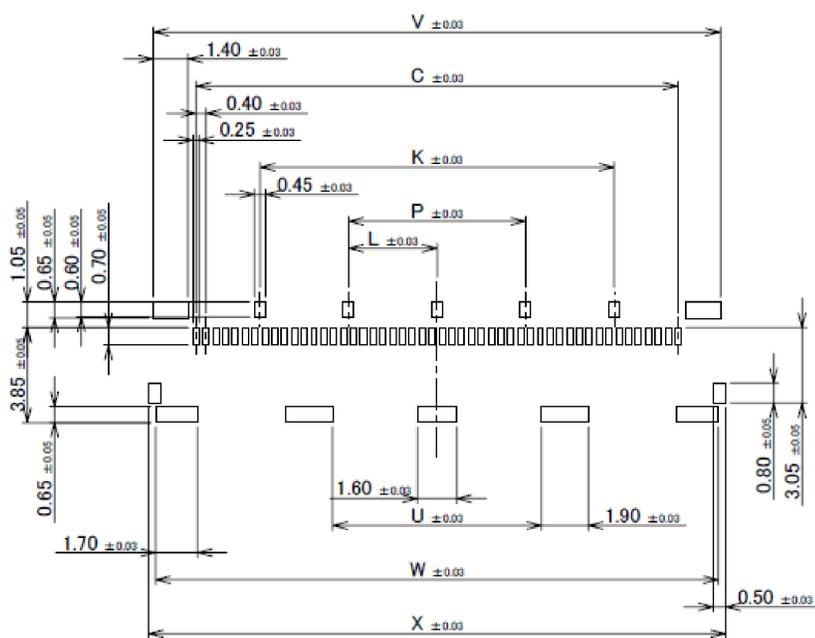


02 TYPE 40P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12

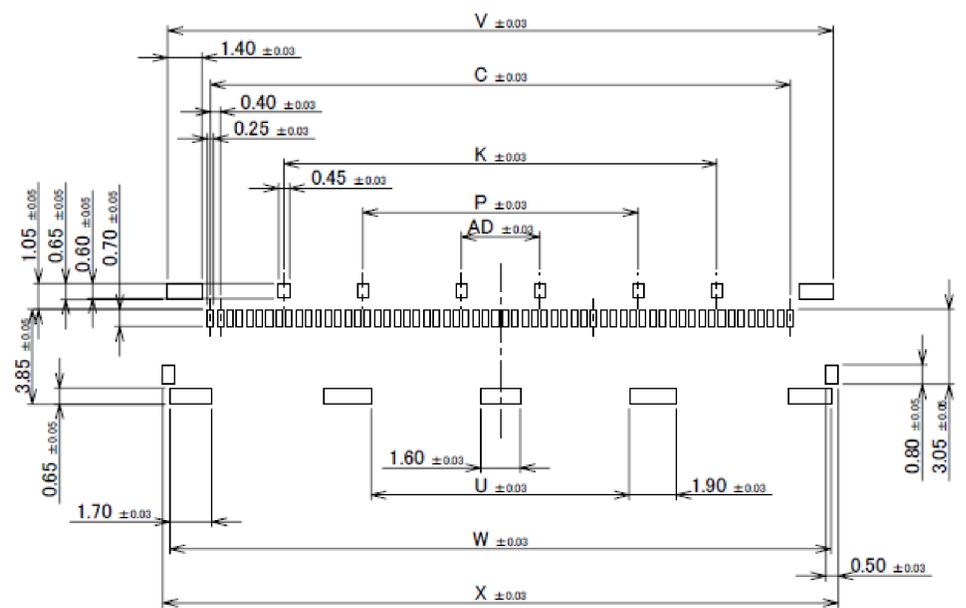
Rev.18

PART No.	Pos.	C	K	L	P	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	-	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	-	6.50	19.07	18.89	19.47	-
20879-050E-02	50	19.60	14.40	3.60	7.20	8.50	23.07	22.89	23.47	-
20879-060E-02	60	23.60	17.60	-	11.20	10.50	27.07	26.89	27.47	3.20
20879-070E-02	70	27.60	20.00	-	12.00	11.30	31.07	30.89	31.47	4.00

02 TYPE



02 TYPE 50P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12



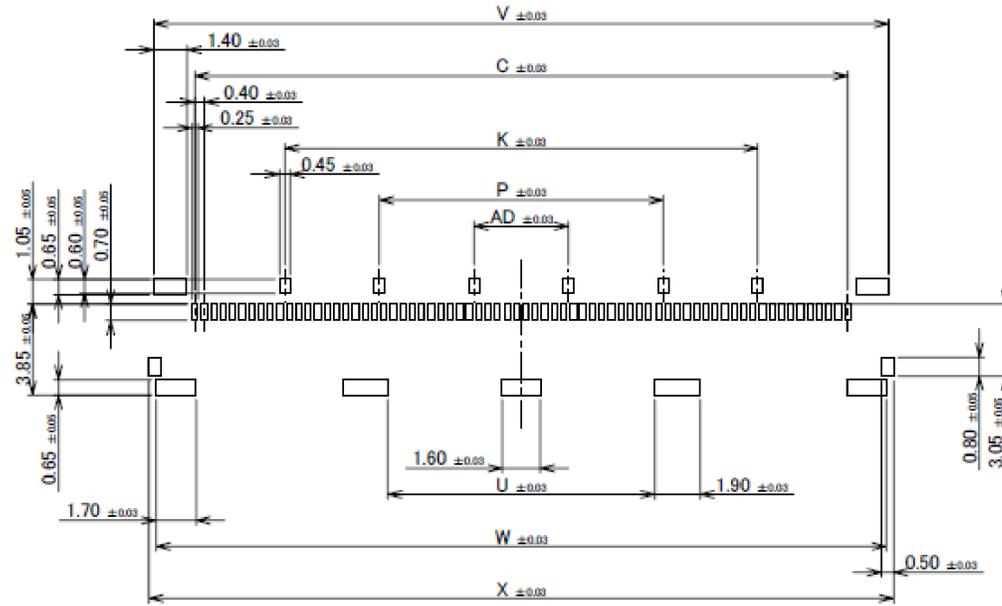
02 TYPE 60P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12

Rev.18

Receptacle Assembly

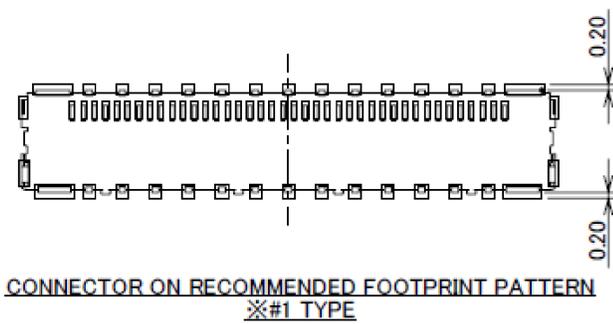
PART No.	Pos.	C	K	L	P	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	-	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	-	6.50	19.07	18.89	19.47	-
20879-050E-02	50	19.60	14.40	3.60	7.20	8.50	23.07	22.89	23.47	-
20879-060E-02	60	23.60	17.60	-	11.20	10.50	27.07	26.89	27.47	3.20
20879-070E-02	70	27.60	20.00	-	12.00	11.30	31.07	30.89	31.47	4.00

02 TYPE

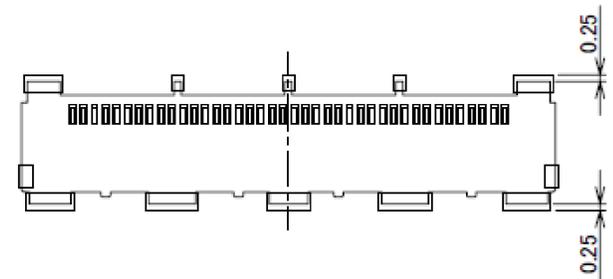


02 TYPE 70P RECOMMENDED METAL MASK LAYOUT (S = 5 : 1)
※ METAL MASK THICKNESS : t = 0.12

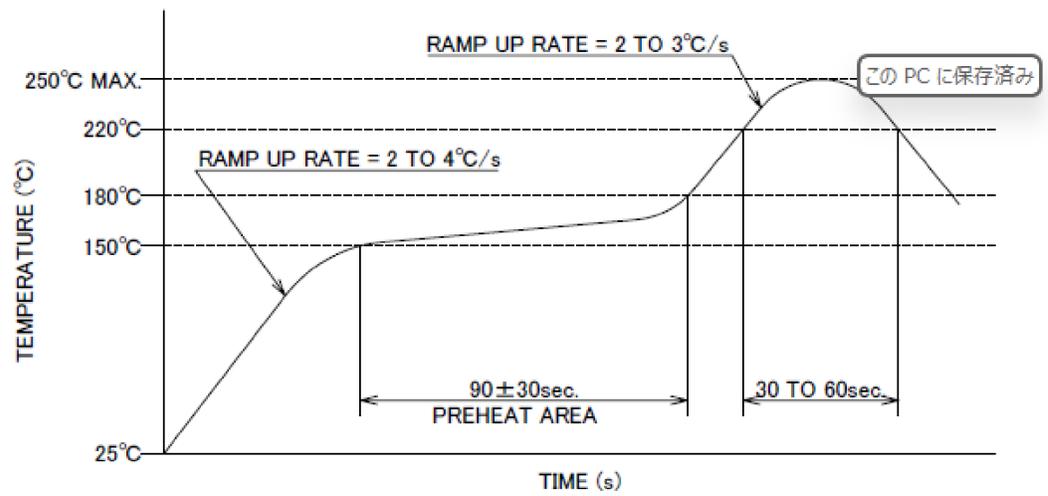
Rev.18



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN
※#1 TYPE



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN
※02 TYPE



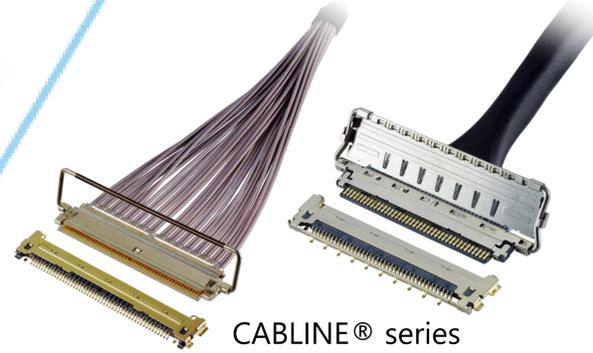
REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD.: M705-SHF(Sn96.5 Ag3.0 Cu0.5)

Rev.18

Custom Connectors Available

RF Connectors

MHF® series



CABLINE® series

Micro-Coaxial/Twinaxial Connectors



Wire-to-Board Connectors/Terminals

AP series



ISH® series



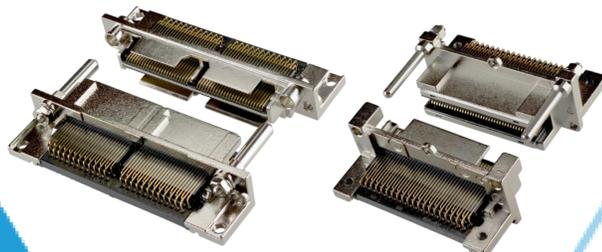
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

MINIFLEX® series EVAFLEX® series



FPC/FFC Connectors



Inquiry



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Contact your sales representative or more detailed information.

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