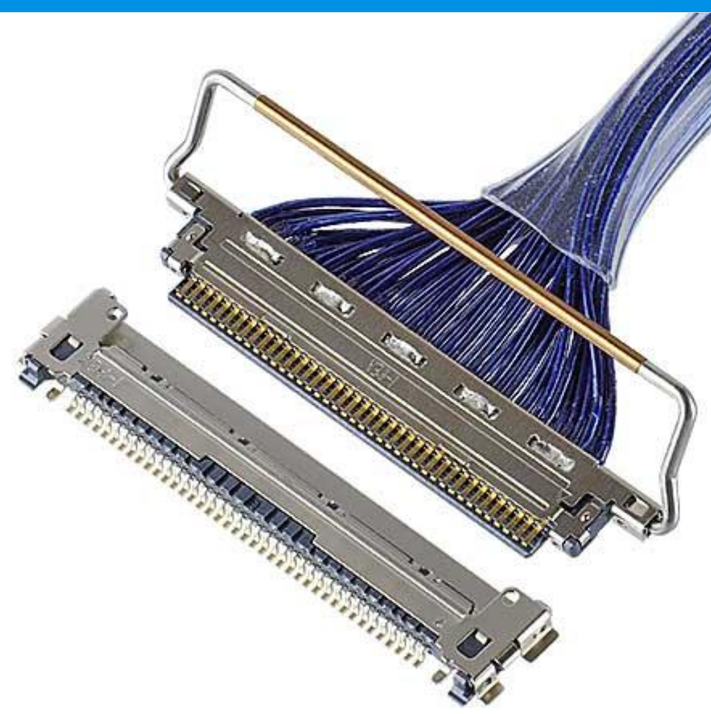
CABLINE®-CA



高速伝送対応(32 Gbps/Lane)、メカニカルロック付き、シールド付き、多点グランド接点、0.4 mmピッチ、水平嵌合タイプ細線同軸コネクタ

*更に高速64 Gbps PAM4には、CABLINE-CAレセプタクル(20525-050E-02)に嵌合する
CABLINE-CAPハーネス ソリューションをご確認してください。

Product Specifications:

Mating type		Horizontal
Board Pitch (mm)		0.4
Wiping Length (mm)		0.54
Mated size (mm)	Height	1.10 Max
	Width	Formula: 6.95 + (0.4*?p)
	Depth	5.73
Pin Counts	Range	Up to 60
	Available	10, 12, 20, 30, 40, 50, 60

Applicable Cable Size:

Maximum O.D. (mm)	0.4
Micro-Coaxial for Signal (AWG)	45 ohm: #38 or smaller
	50 ohm: #40 or smaller
Twinax (AWG)	#40
Discrete (AWG)	#34 or smaller

Applicable Standards (Reference Only):

32 Gbps/ Lane, USB4 Gen4 (40 Gbps/ Lane PAM3)
Display Port UHBR20 (20 Gbps/Lane),

*記載のない極数の対応状況についてはお問い合わせください。

32 Gbps/Laneの高速伝送内部接続に最適

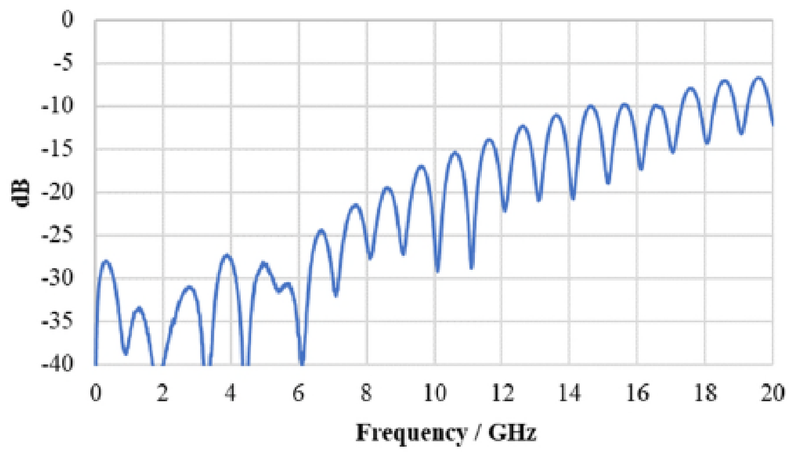
Measurement results

Connector: CABLINE-CA 40P

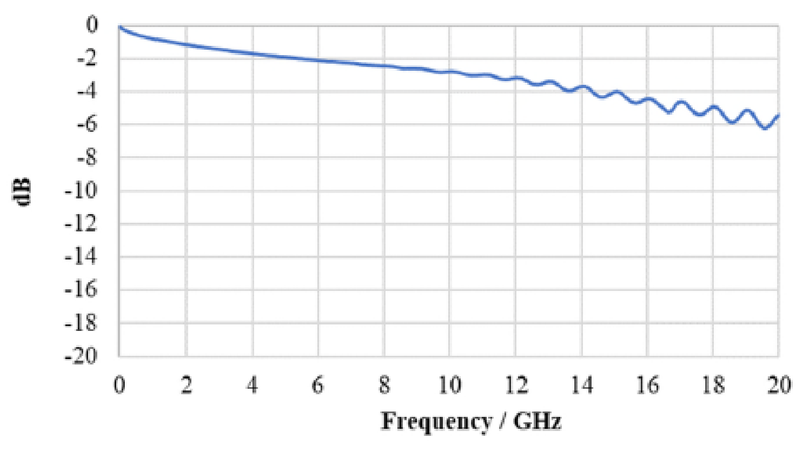
Cable: Micro-coaxial cable
AWG #40, 45ohm , Length : 100 mm

Pin Assignment: GSSGSSG

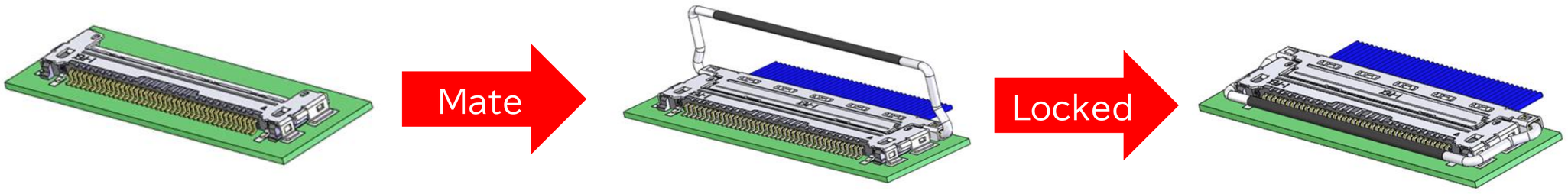
Return Loss (SDD11)



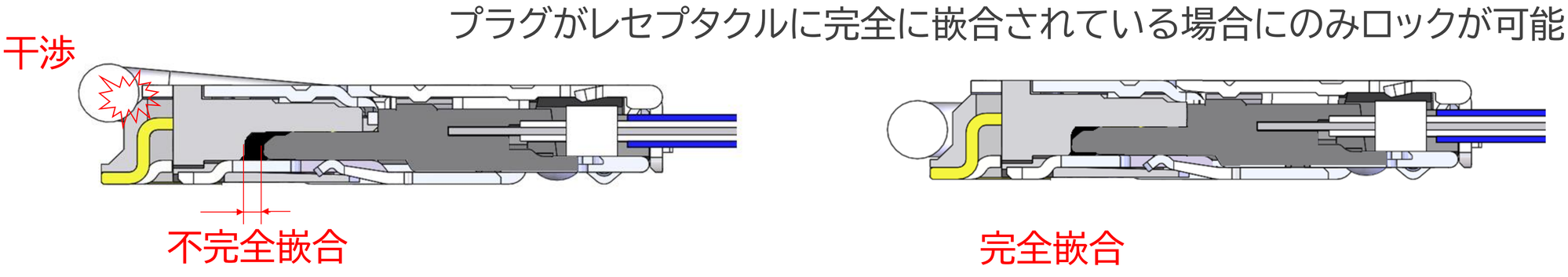
Insertion Loss (SDD21)



メカニカルロックバーによる不完全嵌合防止とプラグ抜け防止



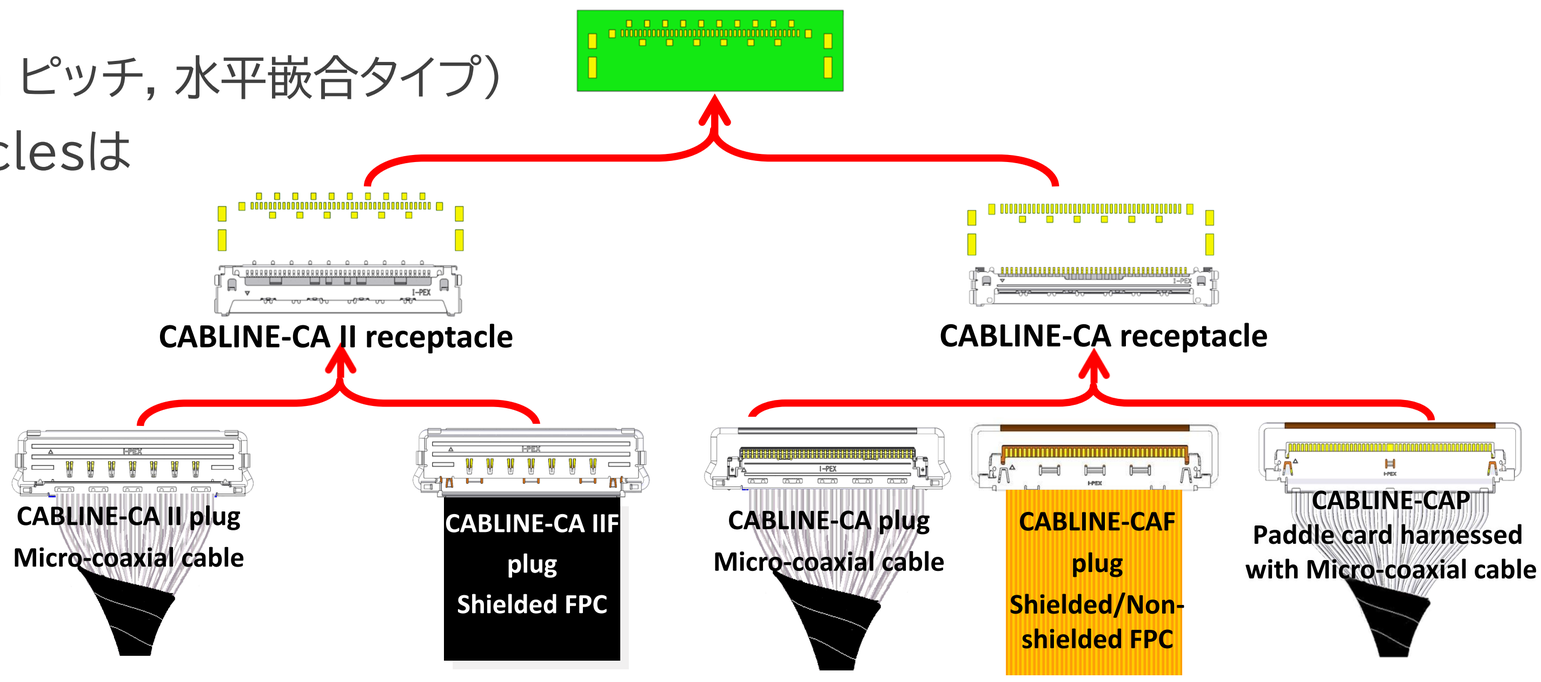
プラグがレセプタクルに完全に嵌合されている場合にのみロックが可能



CABLINE-CAシリーズにおける複数のコネクタ接続オプション

CABLINE-CAシリーズ (0.4 mm ピッチ, 水平嵌合タイプ)

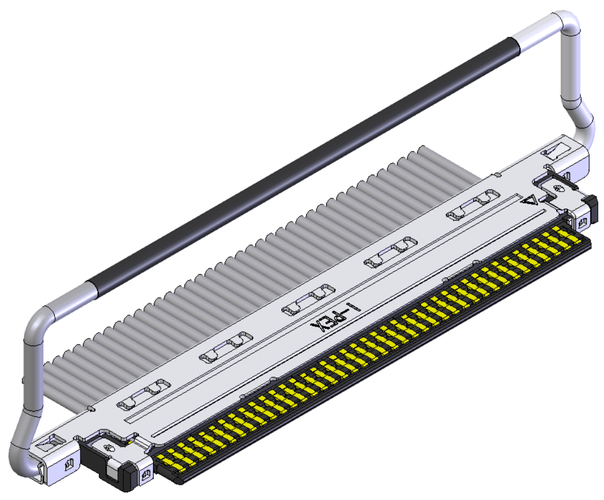
CABLINE-CA, CA II receptaclesは
同じPCBレイアウトに実装可能



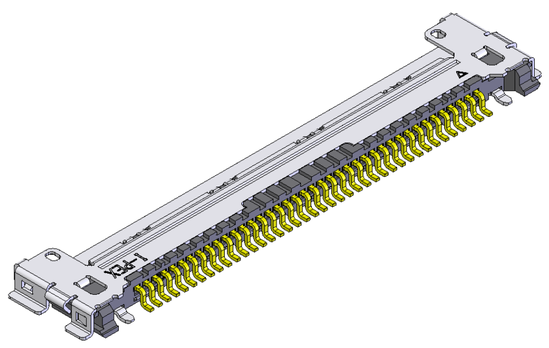
Component Parts Details

Component Parts

Connector parts

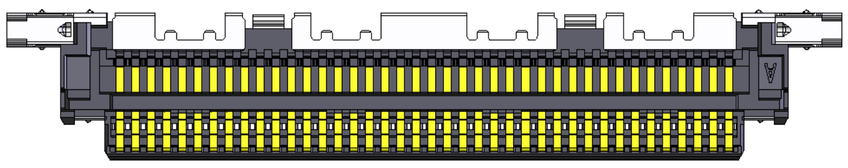


PLUG

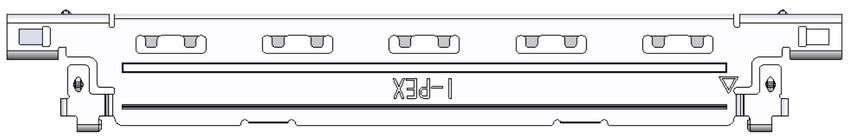


RECEPTACLE

Plug parts



PLUG HOUSING ASSEMBLY



PLUG SHELL-A

PULL BAR

Plug for Cable Assembly

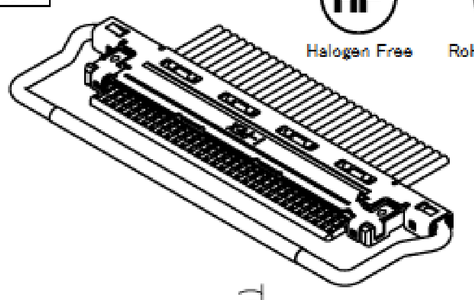
Recommended P/N	20633-2**T-01S(12～60P)							20633-310T-01S(10P)
PART NO.	POS.	A	B	C	D	E	F	G
20633-#10T-01S	10	3.60	4.40	6.66	9.40	4.65	9.75	10.95
20633-#12T-01S	12	4.40	5.20	7.46	10.20	5.45	10.55	11.75
20633-#20T-01S	20	7.60	8.40	10.66	13.40	8.65	13.75	14.95
20633-#30T-01S	30	11.60	12.40	14.66	17.40	12.65	17.75	18.95
20633-#40T-01S	40	15.60	16.40	18.66	21.40	16.65	21.75	22.95
20633-#50T-01S	50	19.60	20.40	22.66	25.40	20.65	25.75	26.95
20633-#60T-01S	60	23.60	24.40	26.66	29.40	24.65	29.75	30.95

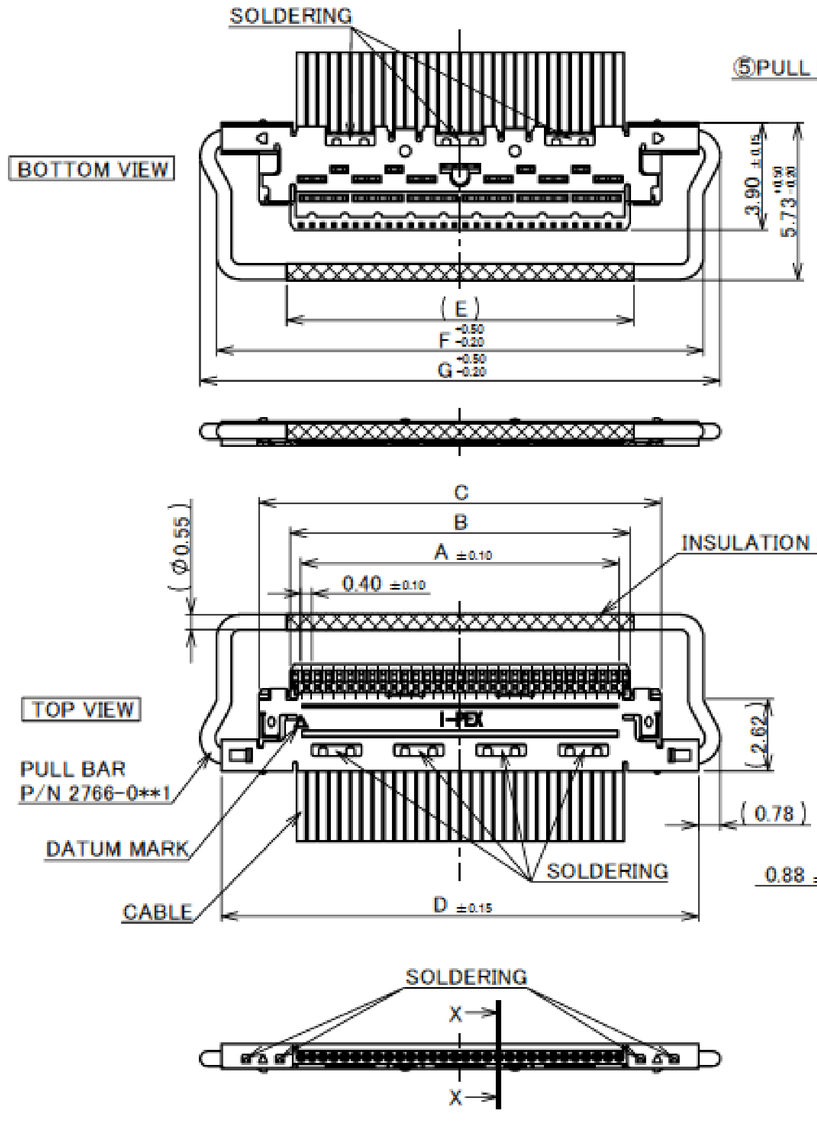
P/N : 20633- # ** T-0 # S
- 1 : WITH PULL BAR
- 2 : WITHOUT PULL BAR
- Pos.
- SEE TABLE.1

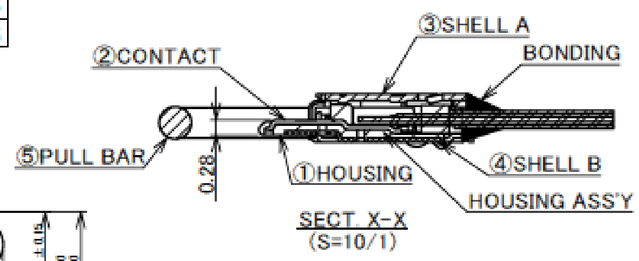
WITH PULL BAR

HF Halogen Free

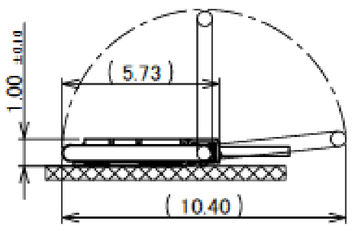
RoHS Compliant







SECT. X-X
(S=10/1)



PULL BAR MOVEMENTS

REFFERENCE CABLE BENDING DIMENSIONS

※1: THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.

PART NO.

CABLE ASS'Y PART NO.	HOUSING ASS'Y PART NO.	SHELL A PART NO.	PULL BAR PART NO.
20633-2**T-01S	20634-1**T-02	2764-0**1-002	2766-0**1
20633-3**T-01S	20634-2**T-02	2764-0**1-003	

TABLE.1

PART NO.	CONTACT FINISH	SHELL A FINISH	SHELL B FINISH
20633-2**T-0#S	CONTACT AREA Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.	TOP SIDE Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY)	TOP SIDE Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY) BOTTOM SIDE Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.
20633-3**T-0#S	CONTACT AREA Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
5	PULL BAR	SUS	
4	SHELL B	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
3	SHELL A	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
2	CONTACT	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK

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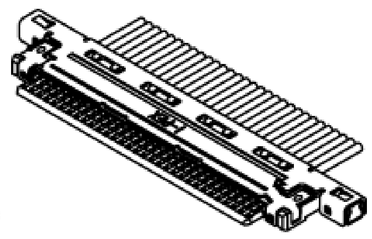
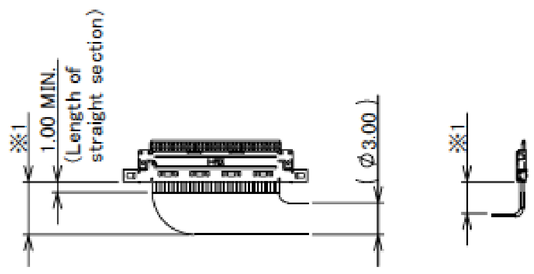
Recommended P/N	20633-2**T-01S(12～60P)				20633-310T-01S(10P)
PART NO.	POS.	A	B	C	D
20633-#10T-02S	10	3.60	4.40	6.66	9.40
20633-#12T-02S	12	4.40	5.20	7.46	10.20
20633-#20T-02S	20	7.60	8.40	10.66	13.40
20633-#30T-02S	30	11.60	12.40	14.66	17.40
20633-#40T-02S	40	15.60	16.40	18.66	21.40
20633-#50T-02S	50	19.60	20.40	22.66	25.40
20633-#60T-02S	60	23.60	24.40	26.66	29.40

P/N : 20633- # ** T-0 # S
- 1 : WITH PULL BAR
- 2 : WITHOUT PULL BAR
- Pos.
- SEE TABLE.1 (SHEET1/5)

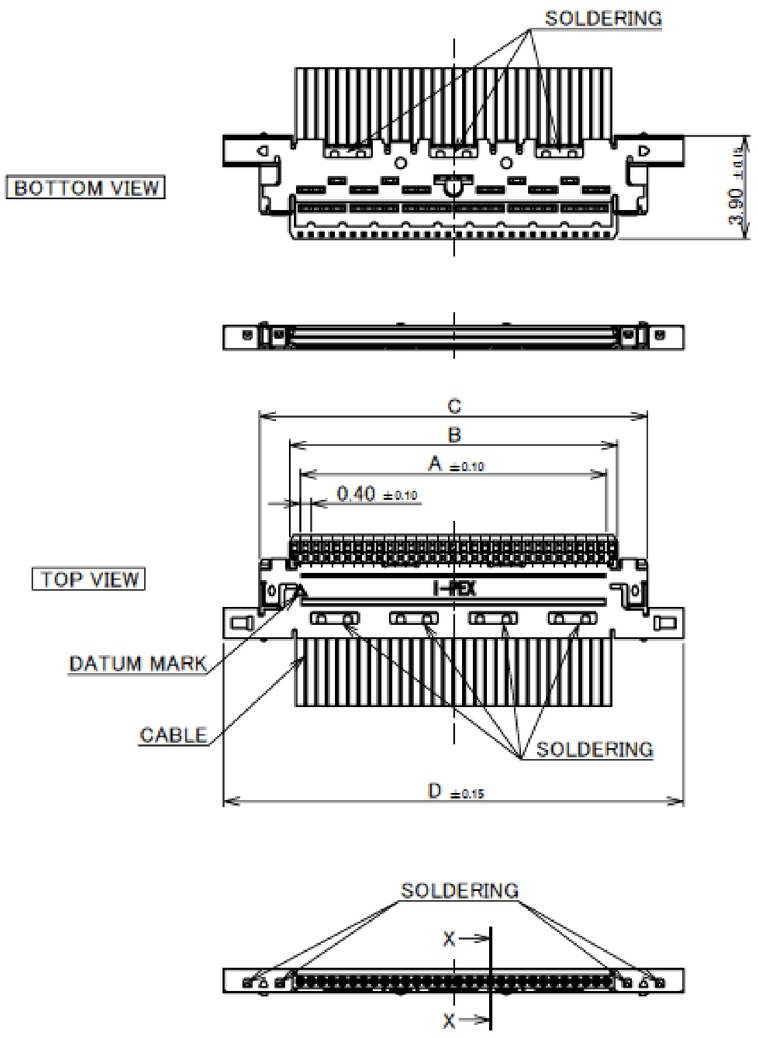
WITHOUT PULL BAR

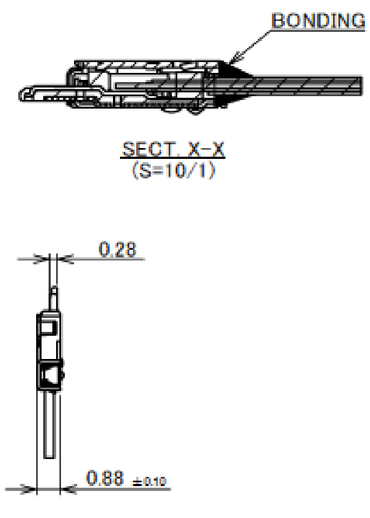




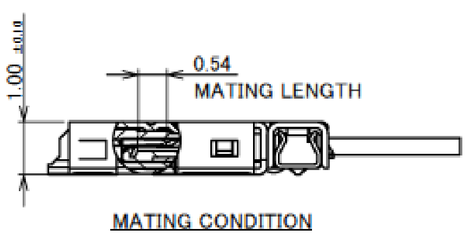
REFFERENCE CABLE BENDING DIMENSIONS

※1: THE BEND DIMENSIONS MAY VARY BASED ON THE SIZE AND QUANTITY OF CABLES.
PLEASE CONFIRM THE MINIMUM BENDING RADIUS WITH I-PEX OR THE HARNESS MANUFACTURER.

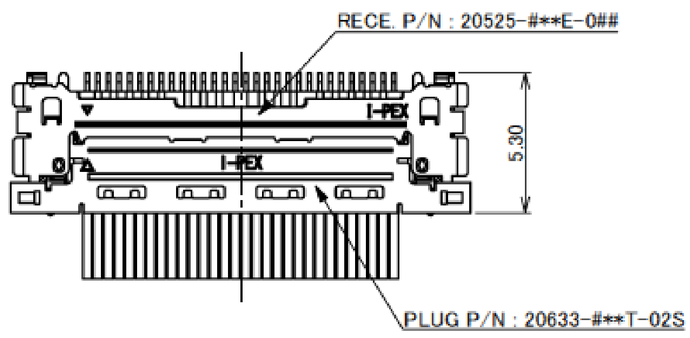




SECT. X-X
(S=10/1)



MATING CONDITION



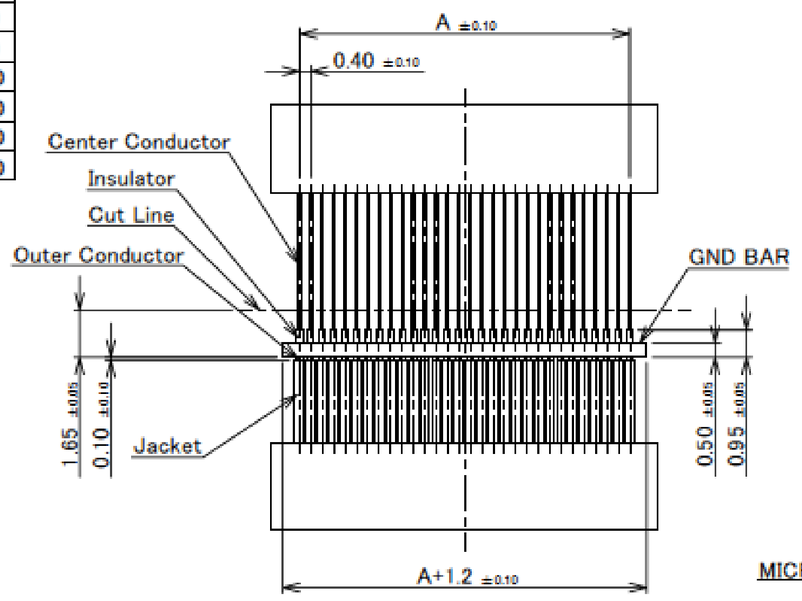
PART NO.

CABLE ASS'Y PART NO.	HOUSING ASS'Y PART NO.	SHELL-A PART NO.	PULL BAR PART NO.
20633-2**T-02S	20634-1**T-02	2764-0**1-002	-
20633-3**T-02S	20634-2**T-02	2764-0**1-003	

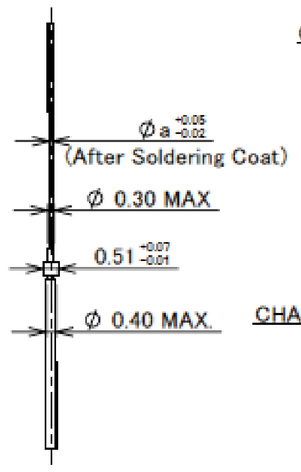
Rev.14

Plug for Cable Assembly

PART NO.	POS.	A
20633-#10T-0#S	10	3.60
20633-#12T-0#S	12	4.40
20633-#20T-0#S	20	7.60
20633-#30T-0#S	30	11.60
20633-#40T-0#S	40	15.60
20633-#50T-0#S	50	19.60
20633-#60T-0#S	60	23.60



RECOMMENDED MICRO-COAXIAL CABLE DIM.



MICRO-COAXIAL CABLE
AWG#**

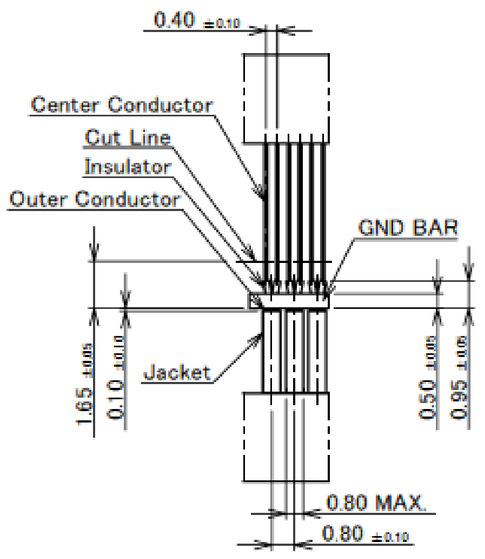
CHARACTERISTIC IMPEDANCE MATCHING MICRO-COAXIAL CABLE

	a
#38	0.12
#40	0.09
#42	0.075
#44	0.063

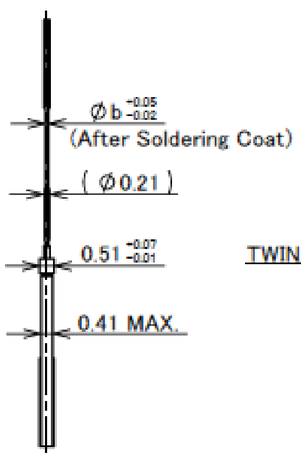
CHARACTERISTIC IMPEDANCE UN-MATCHING MICRO-COAXIAL CABLE

	a
#36	0.15

MICRO-COAXIAL CABLE #36 : NOT RECOMMENDED FOR
HIGH SPEED SIGNAL TRANSFER



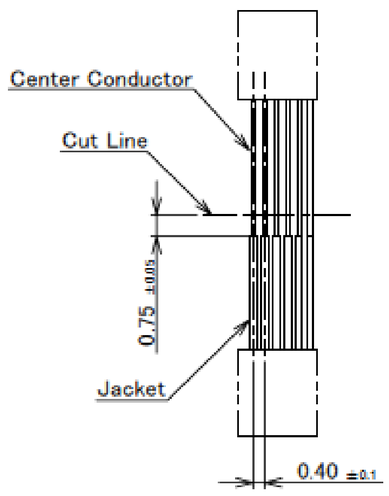
RECOMMENDED TWINAX CABLE DIM.



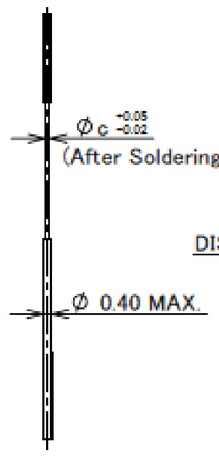
TWINAX CABLE
AWG#**

TWINAX CABLE DIMENSION

	b
#40	0.09
#42	0.075



RECOMMENDED DISCRETE WIRE DIM.



DISCRETE WIRE
AWG#**

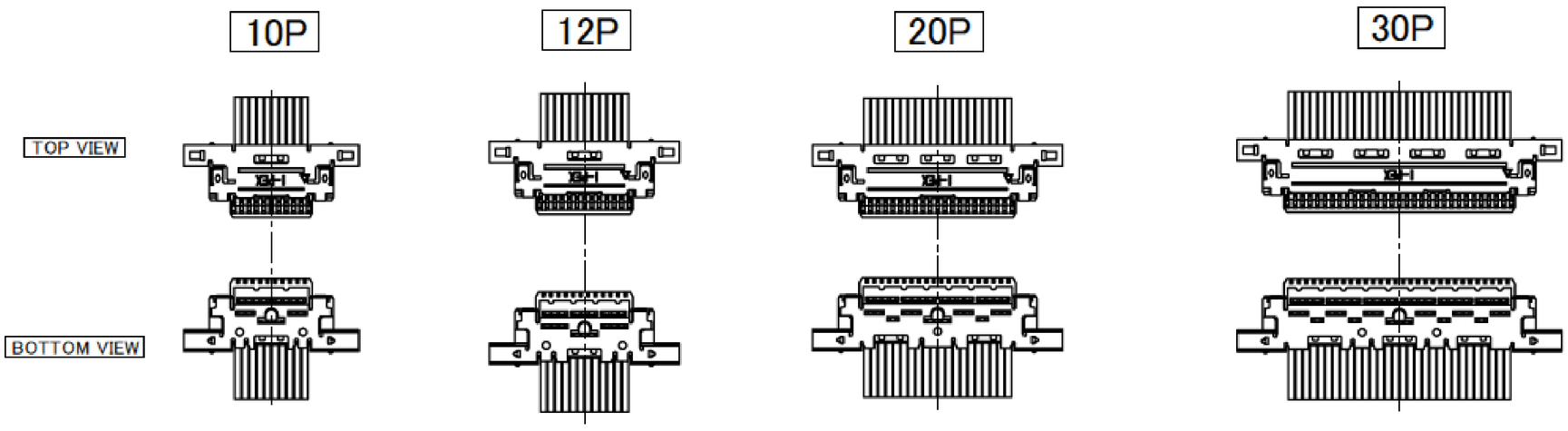
DISCRETE WIRE DIMENSION

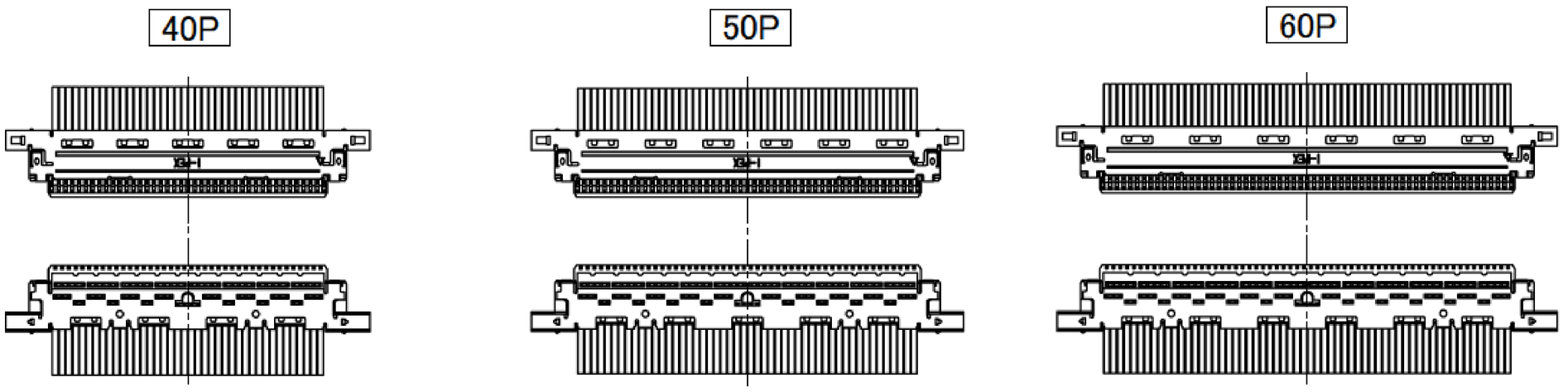
	c
#34	0.192
#36	0.15

Rev.14

PART NO.
20633-#**T-0#S

THE EXTERNAL APPEARANCE





Rev.14

Plug for Cable Assembly

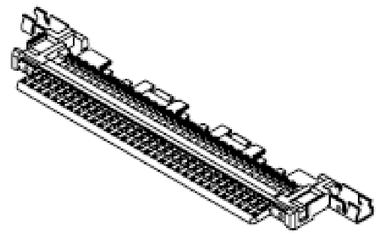
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG# 36, 34 TWINAX CABLE : AWG# 40 , 42
RATING VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT PIN/UP TO 60 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 50 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT PIN/UP TO 40 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT PIN/UP TO 14 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT PIN/UP TO 6 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 4 CONTACTS TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233～358K (-40℃～85℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE	INITIAL : 180mohm MAX. (AWG#34) / AFTER TEST : ⊿40mohm MAX. 275mohm MAX. (AWG#36) 360mohm MAX. (AWG#38) 600mohm MAX. (AWG#40) 700mohm MAX. (AWG#42) 1080mohm MAX. (AWG#44)
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : ⊿40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER 30 CYCLES)	10P : 7.80N MAX. 40P : 19.40N MAX. 12P : 8.20N MAX. 50P : 24.25N MAX. 20P : 9.70N MAX. 60P : 29.10N MAX. 30P : 14.55N MAX.
UNMATING FORCE (INITIAL / AFTER 30 CYCLES)	10P : 1.00N MIN. 40P : 4.00N MIN. 12P : 1.20N MIN. 50P : 5.00N MIN. 20P : 2.00N MIN. 60P : 6.00N MIN. 30P : 3.00N MIN.
CABLE RETENTION FORCE	10P : 4.90N MIN. 40P : 19.60N MIN. 12P : 5.88N MIN. 50P : 24.50N MIN. 20P : 9.80N MIN. 60P : 29.40N MIN. 30P : 14.70N MIN.
PRODUCT SPECIFICATION	PRS-1968
TEST REPORT	TR-14122 (20525-0**E-0##) / TR-16023 (20525-2**E-0##)
INSTRUCTION MANUAL	HIM-09008
ASSEMBLY MANUAL	ASM-09005
APPEARANCE CRITERIA No.	QLS-A***

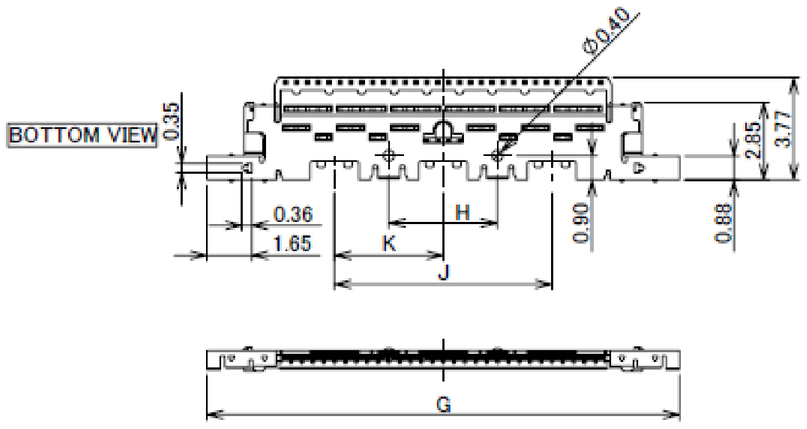
Rev.14

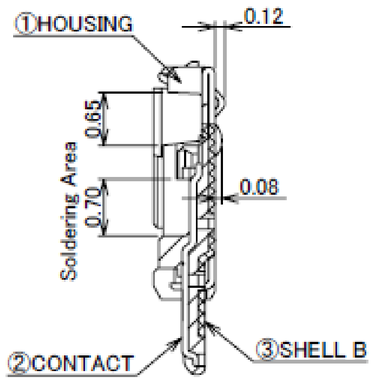
Plug Housing Assembly

Recommended P/N	20634-1**T-02(12～60P)								20634-210T-02(10P)		
PART NO.	Pos.	A	B	C	D	E	F	G	H	J	K
20634-#10T-02	10	5.10	4.65	4.30	3.60	4.40	6.66	9.40	3.40	–	–
20634-#12T-02	12	5.90	5.45	5.10	4.40	5.20	7.46	10.20	4.10	–	–
20634-#20T-02	20	9.10	8.65	8.30	7.60	8.40	10.66	13.40	–	5.00	–
20634-#30T-02	30	13.10	12.65	12.30	11.60	12.40	14.66	17.40	4.00	8.00	4.00
20634-#40T-02	40	17.10	16.65	16.30	15.60	16.40	18.66	21.40	8.00	12.00	4.00
20634-#50T-02	50	21.10	20.65	20.30	19.60	20.40	22.66	25.40	12.00	16.00	4.00
20634-#60T-02	60	25.10	24.65	24.30	23.60	24.40	26.66	29.40	16.00	20.00	4.00

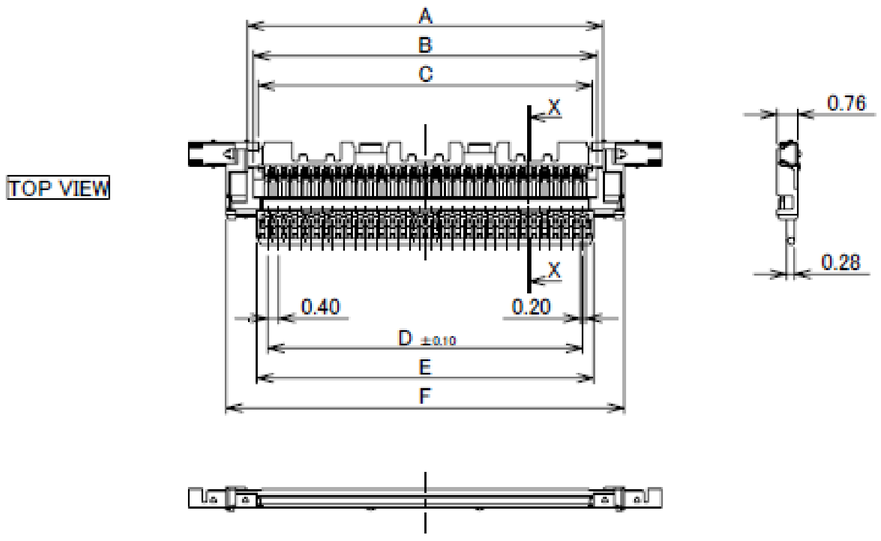
P/N : 20634- # ** T-02
POS.
SEE TABLE.1







SECT. X-X
(S=15/1)



NOTES
1. THIS PART IS ASSEMBLED WITH SHELL A(P/N 2764-0**1-00#) AND PULL BAR(P/N 2766-0**1) AFTER SOLDERED THE CABLE, AND IT BECOMES P/N 20633-#**T-0#S

TABLE.1

PART NO.	CONTACT FINISH	SHELL B FINISH
20634-1**T-02	CONTACT AREA Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.	TOP SIDE Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY) BOTTOM SIDE Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.
20634-2**T-02	CONTACT AREA Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.

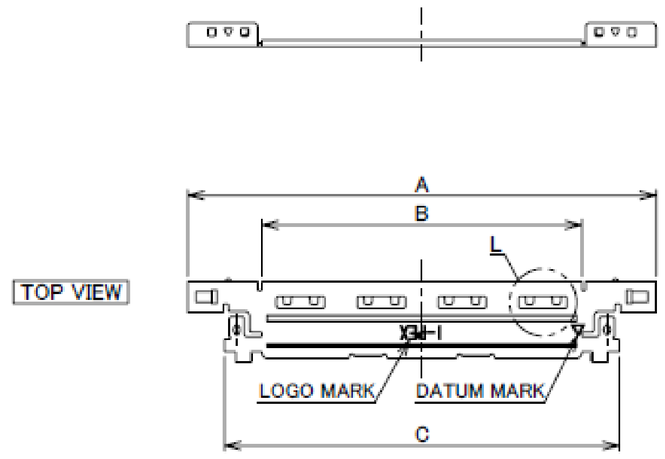
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	SHELL-B	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
2	CONTACT	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK

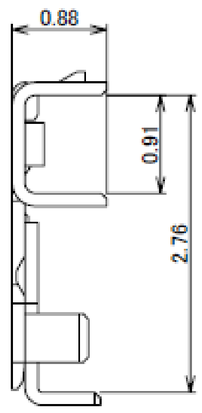
Rev.11

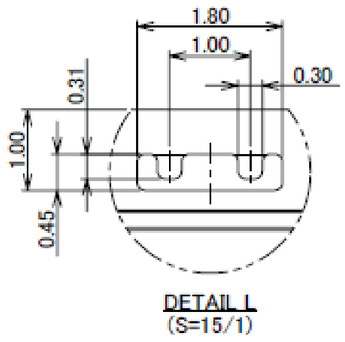
Plug Shell-A

Recommended P/N	2764-0**1-002(12～60P)				2764-0101-003(10P)
PART NO.	A	B	C	D	E
2764-0101-00#	9.40	3.88	6.66	–	–
2764-0121-00#	10.20	4.68	7.46	–	–
2764-0201-00#	13.40	7.88	10.66	2.50	5.00 [= 2.50 × (3 – 1)]
2764-0301-00#	17.40	11.88	14.66	3.00	9.00 [= 3.00 × (4 – 1)]
2764-0401-00#	21.40	15.88	18.66	3.25	13.00 [= 3.25 × (5 – 1)]
2764-0501-00#	25.40	19.88	22.66	3.40	17.00 [= 3.40 × (6 – 1)]
2764-0601-00#	29.40	23.88	26.66	4.00	20.00 [= 4.00 × (6 – 1)]

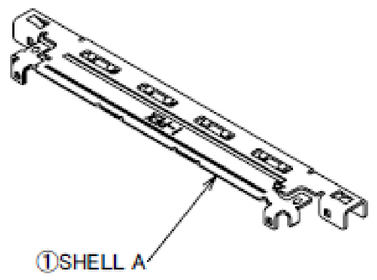
P/N: 2764-0 ** 1 – 00 #
- ** : Pos.
- # : SEE TABLE.1

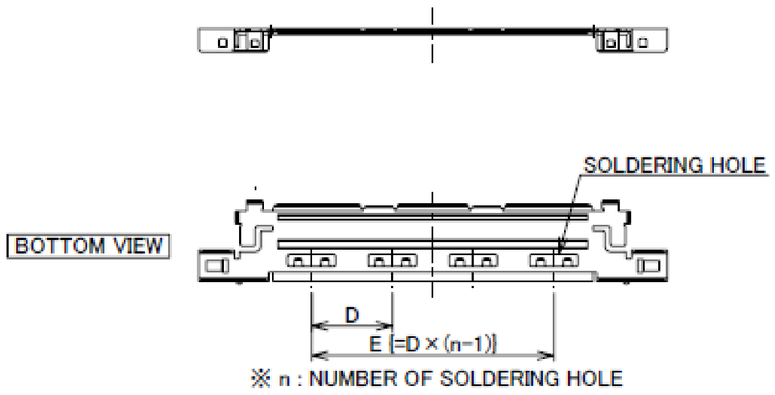






DETAIL I
(S=15/1)





※ n : NUMBER OF SOLDERING HOLE

TABLE.1

PART NO.	SHELL A FINISH
2764-0**1-002	TOP SIDE Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE Ni 1.00 μm MIN.(THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY)
2764-0**1-003	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
1	SHELL A	PHOSPHOR BRONZE	SEE ABOVE TABLE.1

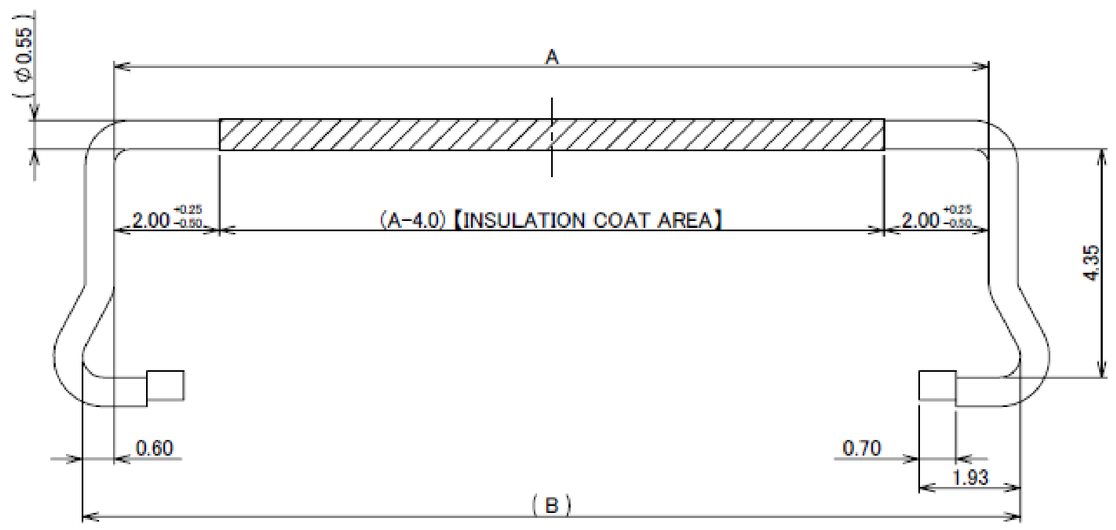
Rev.11

Plug Pull Bar

Recommended P/N	2766-0**1	
PART NO.	A	B
2766-0101	8.65	9.85
2766-0121	9.45	10.65
2766-0201	12.65	13.85
2766-0301	16.65	17.85
2766-0401	20.65	21.85
2766-0501	24.65	25.85
2766-0601	28.65	29.85

P/N: 2766-0 ** 1
- ** : POS.

Halogen Free
RoHS Compliant



NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
1	PULL BAR	SUS	–

Rev.15

Receptacle Assembly

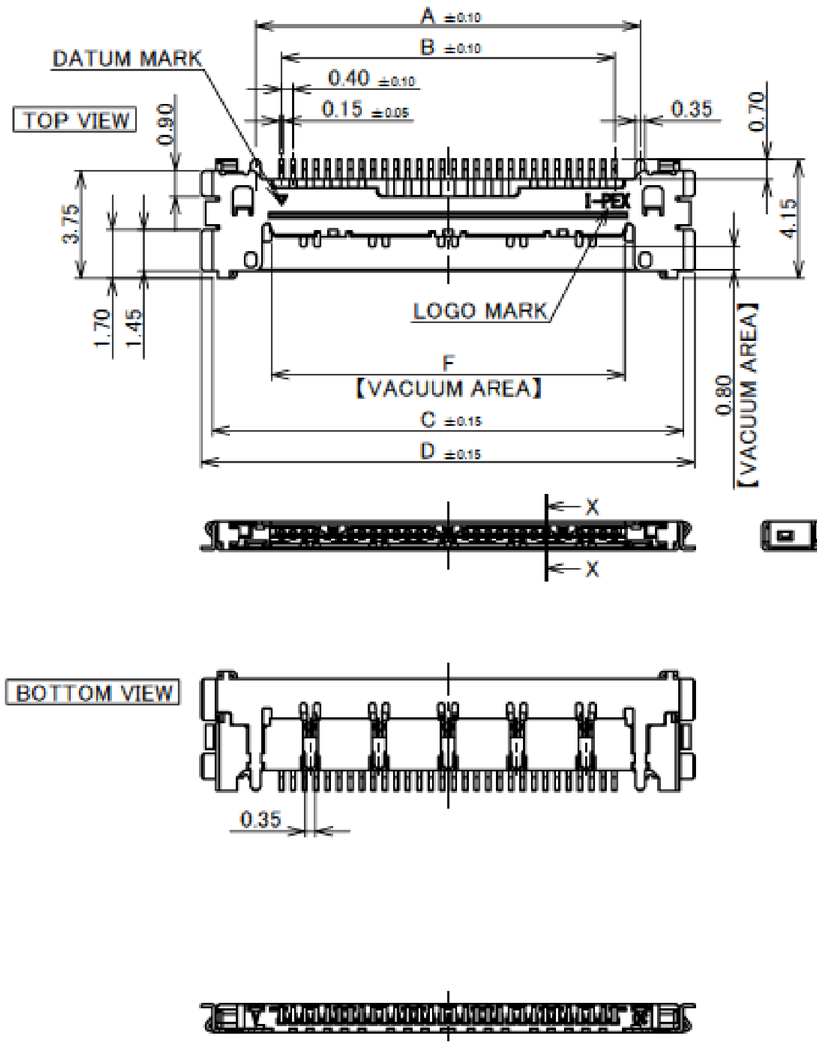
Recommended P/N	20525-0**E-02(12～60P)					20525-210E-02(10P)
PART NO.	POS.	A	B	C	D	F
20525-#10E-02	10	5.40	3.60	8.43	9.20	4.30
20525-#12E-02	12	6.20	4.40	9.23	10.00	5.10
20525-#20E-02	20	9.40	7.60	12.43	13.20	8.30
20525-#30E-02	30	13.40	11.60	16.43	17.20	12.30
20525-#40E-02	40	17.40	15.60	20.43	21.20	16.30
20525-#50E-02	50	21.40	19.60	24.43	25.20	20.30
20525-#60E-02	60	25.40	23.60	28.43	29.20	24.30

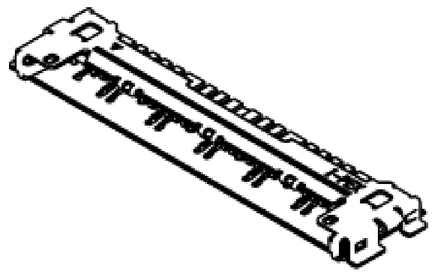
P/N : 20525- # ** E- 0 2

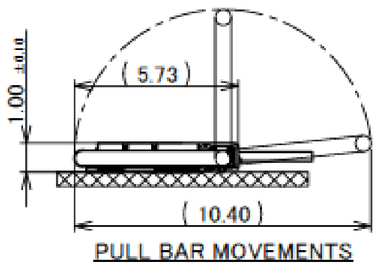
POS.
SEE TABLE 1

Halogen Free

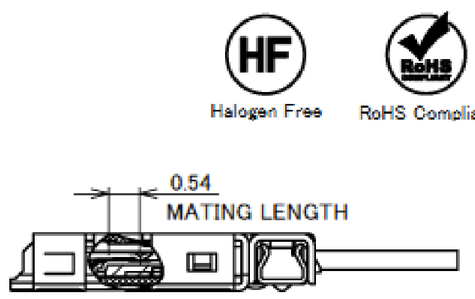
RoHS Compliant



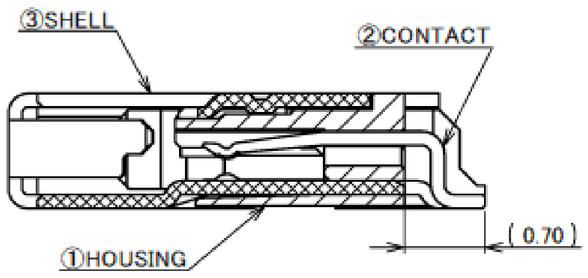




PULL BAR MOVEMENTS



MATING CONDITION



SECT. X-X
(S=20/1)

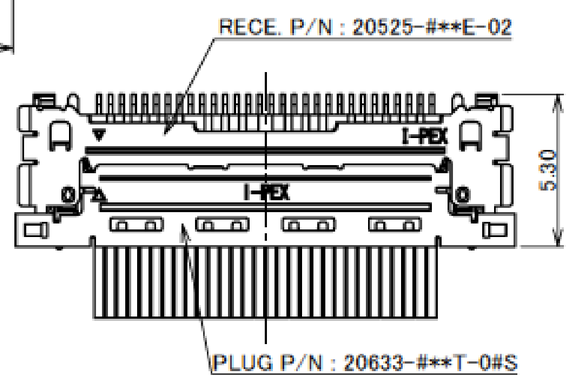


TABLE 1

PART NO.	CONTACT FINISH	SHELL FINISH
20525-0**E-02	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.	ALL OVER Au 0.02 μm MIN. OVER Ni 1.00 μm MIN. CONTACT AREA : Au 0.02 μm MIN. OVER Ni 0.80 μm MIN.
20525-2**E-02	CONTACT AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.	ALL OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.02 μm MIN.

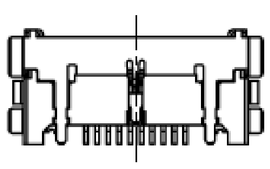
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	SHELL	PHOSPHOR BRONZE	SEE TABLE 1
2	CONTACT	PHOSPHOR BRONZE	SEE TABLE 1
1	HOUSING	LCP	UL94V-0, BLACK

Rev.32

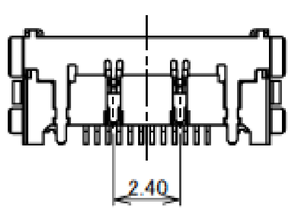
PART NO.
20525-#**E-02

BOTTOM VIEW

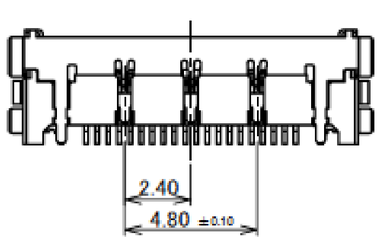
10P



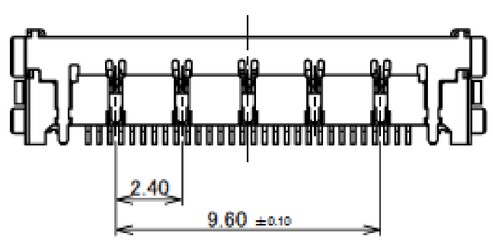
12P



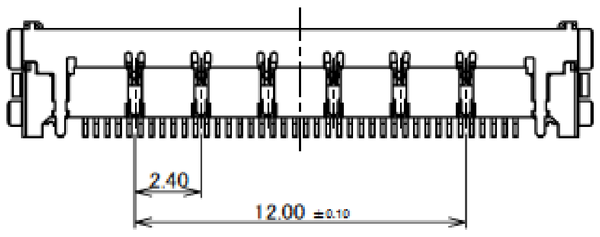
20P



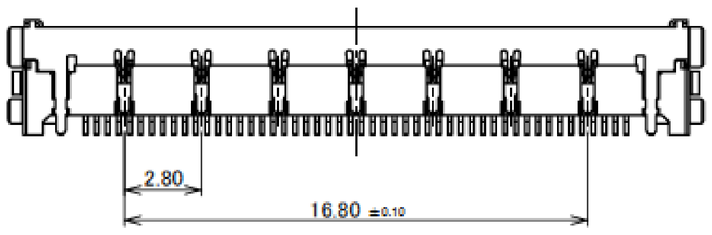
30P



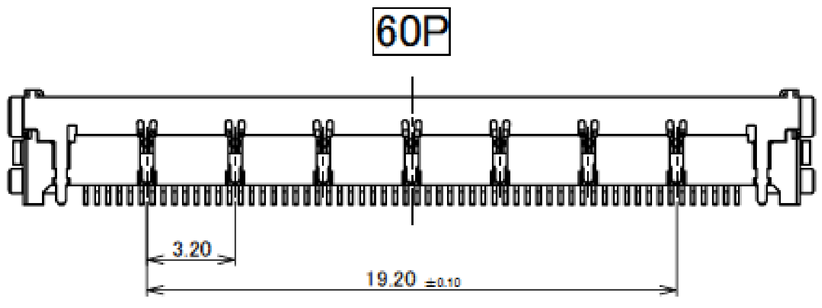
40P



50P



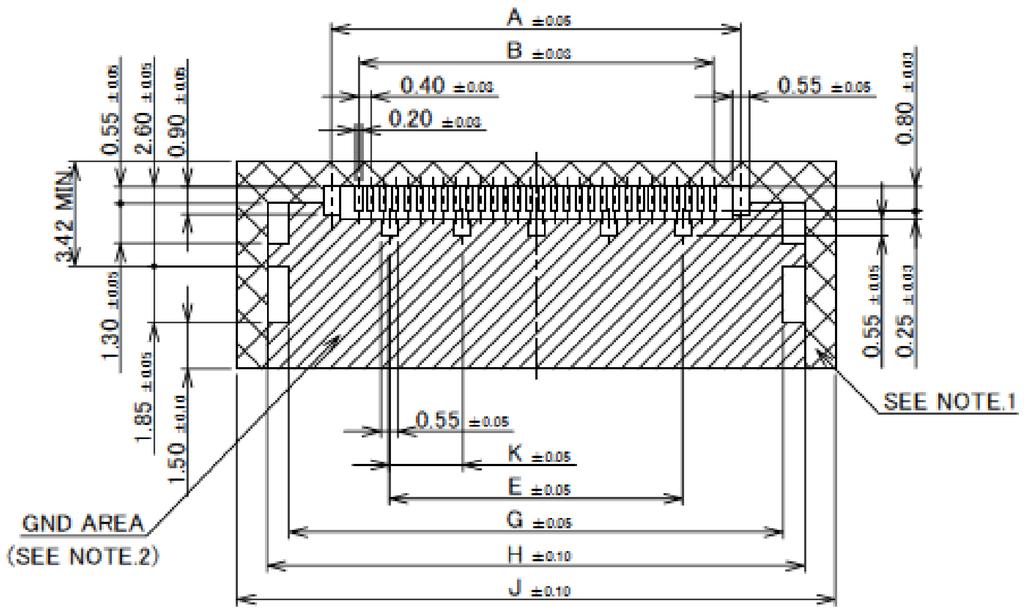
60P



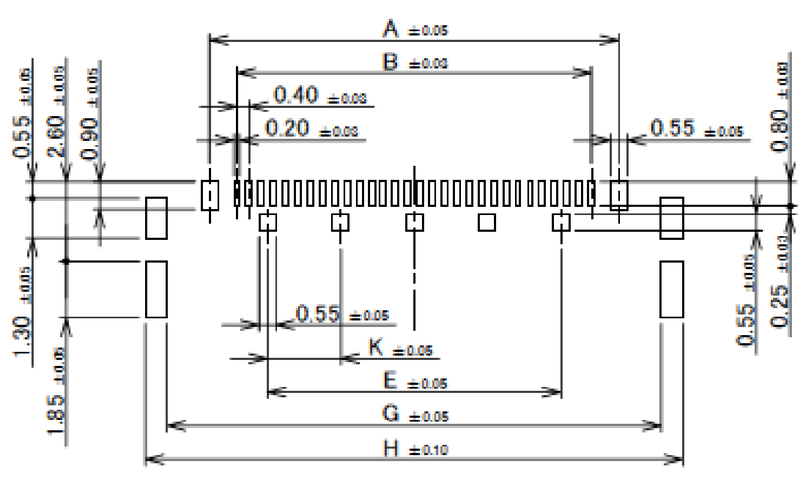
Rev.32

Receptacle Assembly

PART NO.	POS.	A	B	E	G	H	J	K
20525-#10E-02	10	5.40	3.60	–	8.18	9.60	11.60	–
20525-#12E-02	12	6.20	4.40	2.40	8.98	10.40	12.40	–
20525-#20E-02	20	9.40	7.60	4.80	12.18	13.60	15.60	2.40
20525-#30E-02	30	13.40	11.60	9.60	16.18	17.60	19.60	2.40
20525-#40E-02	40	17.40	15.60	12.00	20.18	21.60	23.60	2.40
20525-#50E-02	50	21.40	19.60	16.80	24.18	25.60	27.60	2.80
20525-#60E-02	60	25.40	23.60	19.20	28.18	29.60	31.60	3.20



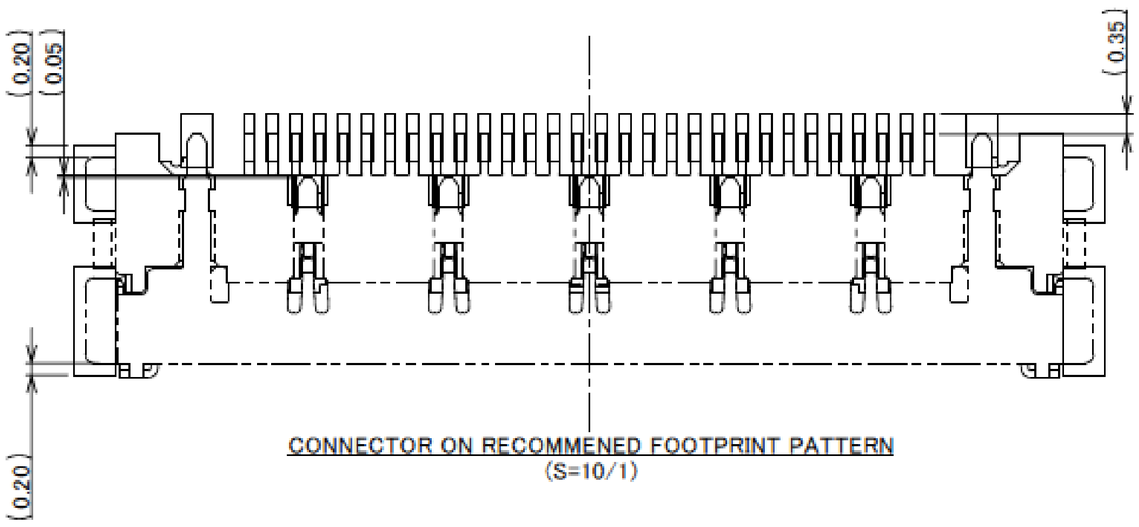
RECOMMENED FOOTPRINT PATTERN



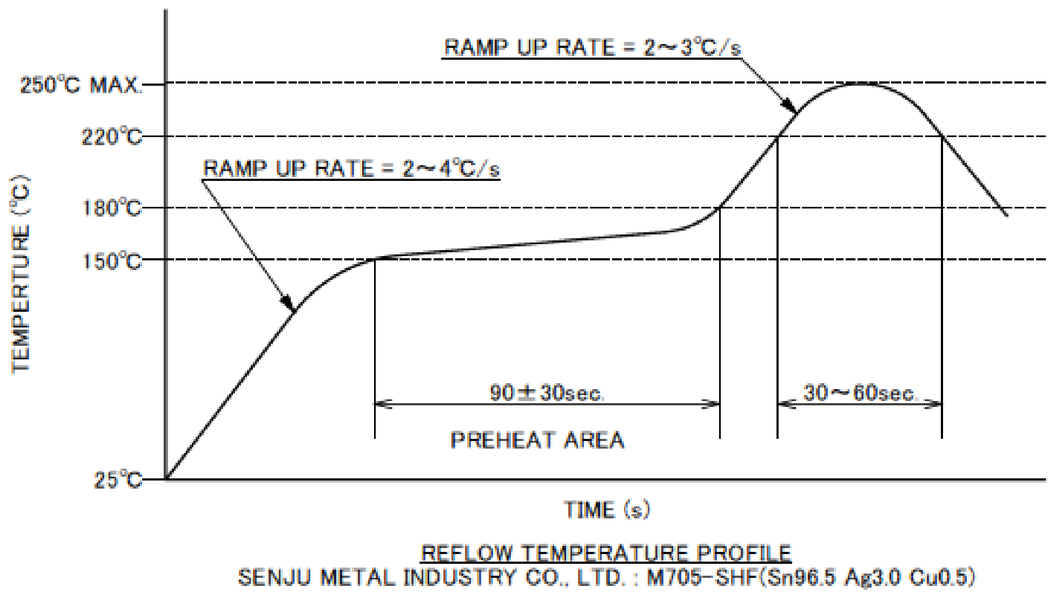
RECOMMENDED METAL MASK LAYOUT
METAL MASK THICKNESS : t=0.12mm

NOTES.
1. IN CASE OF PLUG WITH PULL BAR(20633-##T-01S), DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.
2. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

Rev.32



CONNECTOR ON RECOMMENED FOOTPRINT PATTERN
(S=10/1)



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

Rev.32

Receptacle Assembly

FOR CABLINE-CA PLUG CABLE ASSEMBLY (DWG NO. 20633)

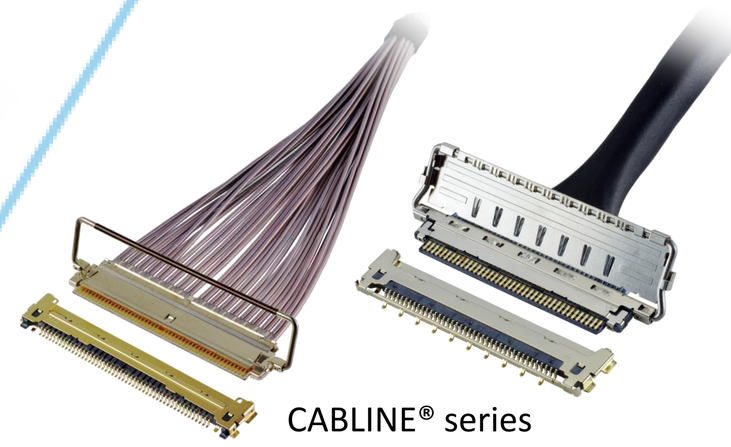
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG# 36 , 34 TWINAX CABLE : AWG# 40 , 42
RATING VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATING AMPERAGE (FOR CONTACT)	0.1A AC/DC [AWG#44] PER CONTACT PIN/UP TO 60 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 50 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT PIN/UP TO 40 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT PIN/UP TO 14 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT PIN/UP TO 6 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 4 CONTACTS ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.
OPERATING TEMPERATURE	233～358K (-40℃～85℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE	INITIAL : 180mohm MAX. (AWG#34) / AFTER TEST : ⊿40mohm MAX. 275mohm MAX. (AWG#36) 360mohm MAX. (AWG#38) 600mohm MAX. (AWG#40) 700mohm MAX. (AWG#42) 1080mohm MAX. (AWG#44)
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : ⊿40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER 30 CYCLES)	10P : 7.80N MAX. 40P : 19.40N MAX. 12P : 8.20N MAX. 50P : 24.25N MAX. 20P : 9.70N MAX. 60P : 29.10N MAX. 30P : 14.55N MAX.
UNMATING FORCE (INITIAL / AFTER 30 CYCLES)	10P : 1.00N MIN. 40P : 4.00N MIN. 12P : 1.20N MIN. 50P : 5.00N MIN. 20P : 2.00N MIN. 60P : 6.00N MIN. 30P : 3.00N MIN.
CABLE RETENTION FORCE	10P : 4.90N MIN. 40P : 19.60N MIN. 12P : 5.88N MIN. 50P : 24.50N MIN. 20P : 9.80N MIN. 60P : 29.40N MIN. 30P : 14.70N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-1968
TEST REPORT	TR-14122 (20525-0**E-0#) / TR-16023 (20525-2**E-0#)
PACKING STANDARD	300-824
INSTRUCTION MANUAL	HIM-09008
APPEARANCE CRITERIA No.	QLS-A***

Custom Connectors Available

RF Connectors

MHF® series

Micro-Coaxial/Twinax Connectors



CABLINE® series

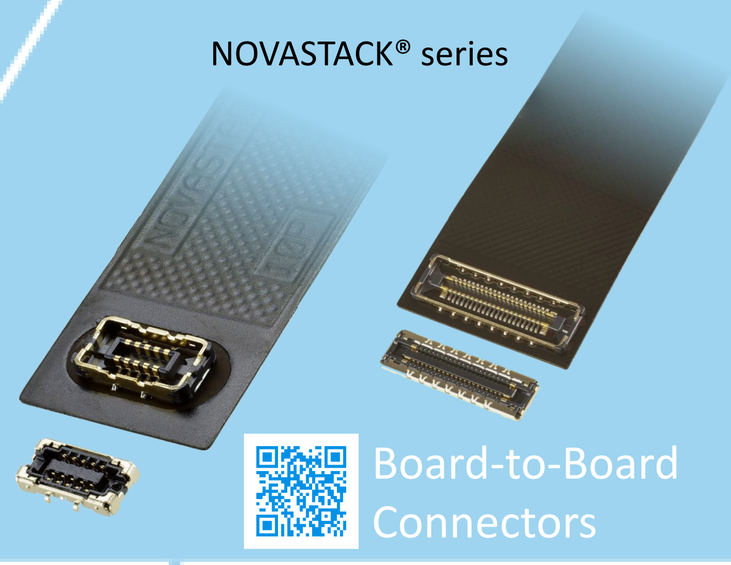
Wire-to-Board Connectors/ Terminals

AP series

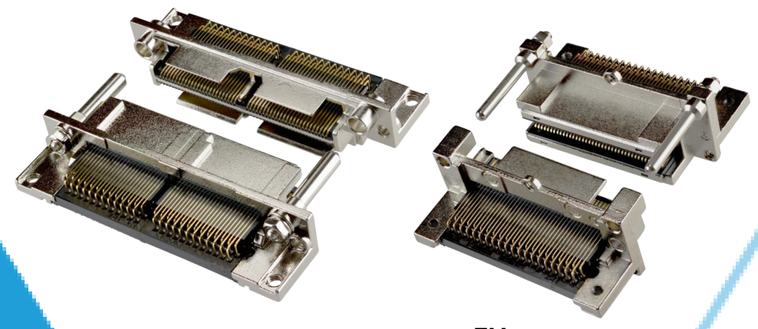
ISH® series

Board-to-Board Connectors

NOVASTACK® series



I/O Connectors

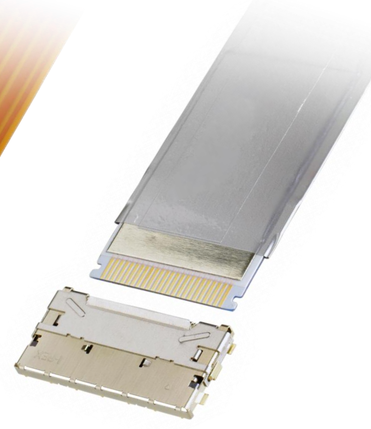


MINIDOCK™ series

FPC/FFC Connectors

MINIFLEX® series

EVAFLEX® series



Inquiry

Contact your sales representative or more detailed information.

www.i-pex.com

I-PEX