

CABLINE® -CA

고속 데이터 전송(32 Gbps/Lane), Mechanical Lock 및 Shield가 있는 Multi Ground 접점을 갖춘 0.4 mm Pitch 수평 결합형 Micro 동축 Connector

*더욱 고속 64 Gbps PAM4에는 CABLINE-CA리셉터클(20525-050E-02)과 결합하는 [CABLINE-CAP하네스 솔루션](#)을 확인하십시오.

Product Specifications:

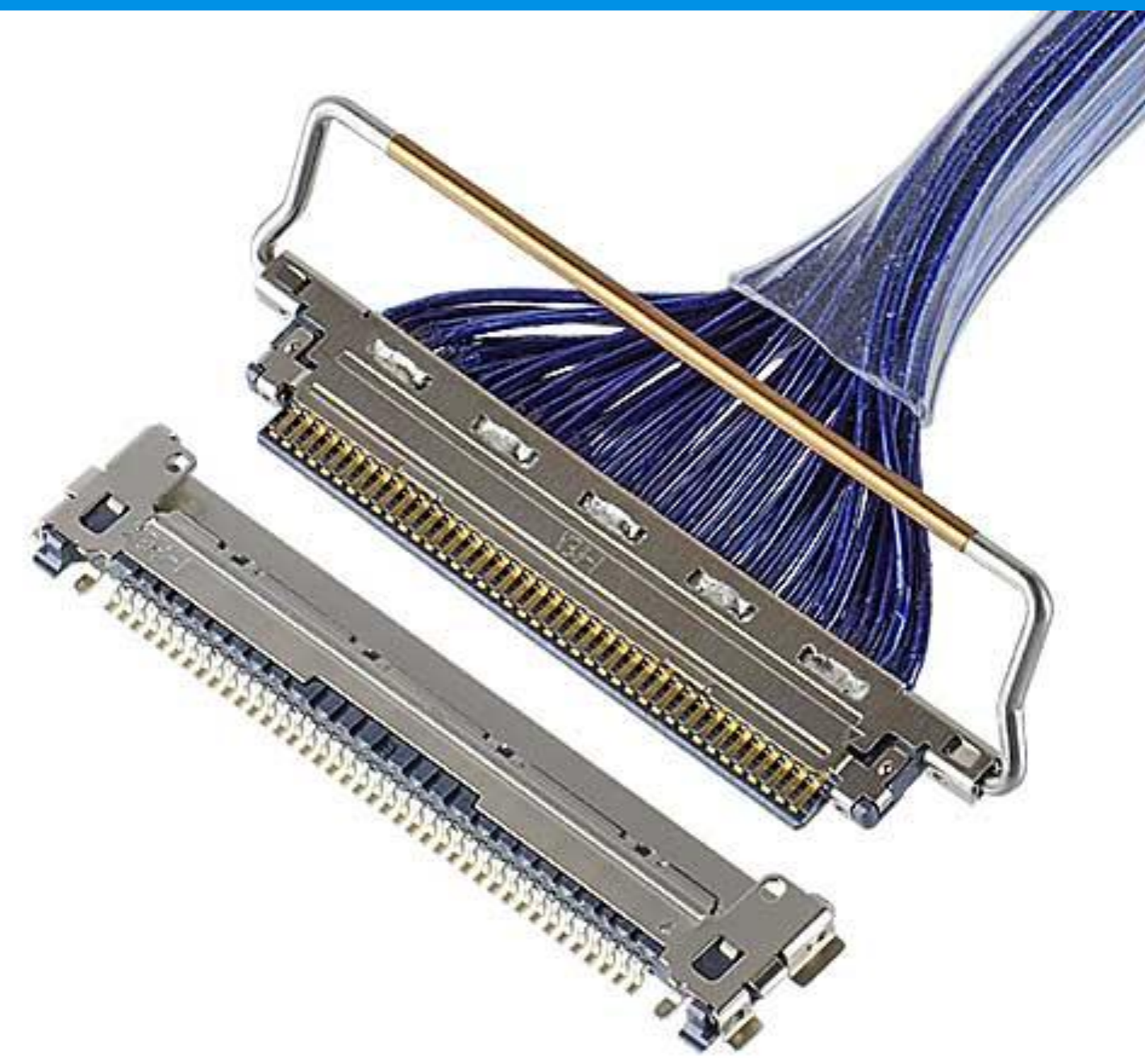
Mating type		Horizontal
Board Pitch		0.4 mm
Wiping Length		0.54 mm
Mated Size	Height	1.10 mm max
	Width	6.95 + (0.4 x pin count) mm
	Depth	5.73 mm
Pin Counts	Range	Up to 60
	Available	10, 12, 20, 30, 40, 50, 60

Applicable Cable Size:

Maximum O.D.	0.4 mm
Micro-Coaxial for Signal	45 ohm: AWG 38 or smaller 50 ohm: AWG 40 or smaller
Twinaxial	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)



*기재가 되어있지 않은 핀 수의 대응 여부에 대해서는 문의해 부탁드립니다.

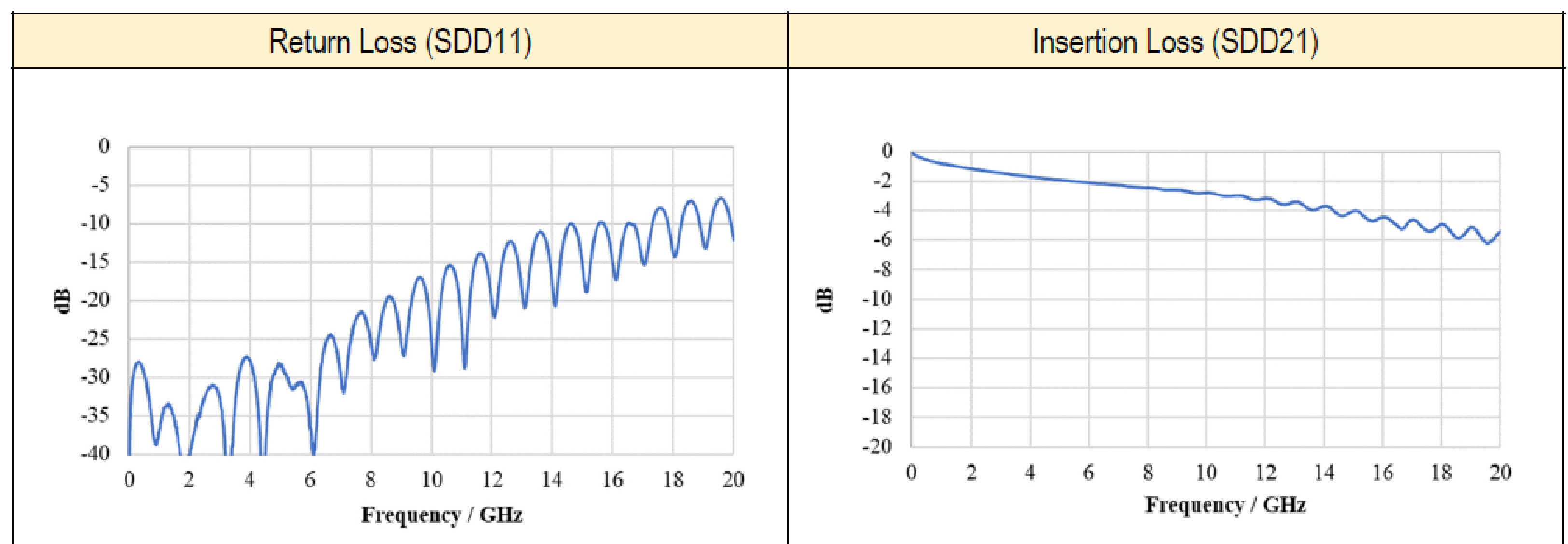
▶ 32 Gbps/Lane Application에 이상적인 고속 데이터 전송

Measurement results

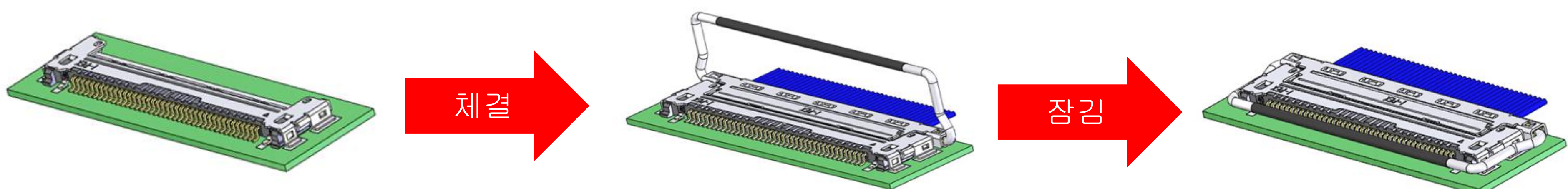
Connector: CABLINE-CA 40 pin

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

Pin Assignment: GSSGSSG

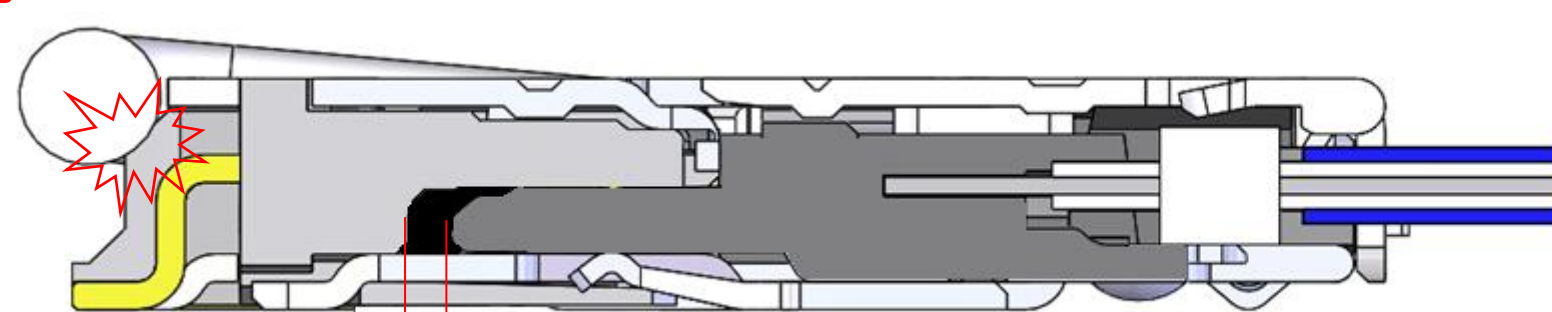


▶ 기계식 Locking bar에 의한 불완전 결합 방지와 Plug 이탈 방지

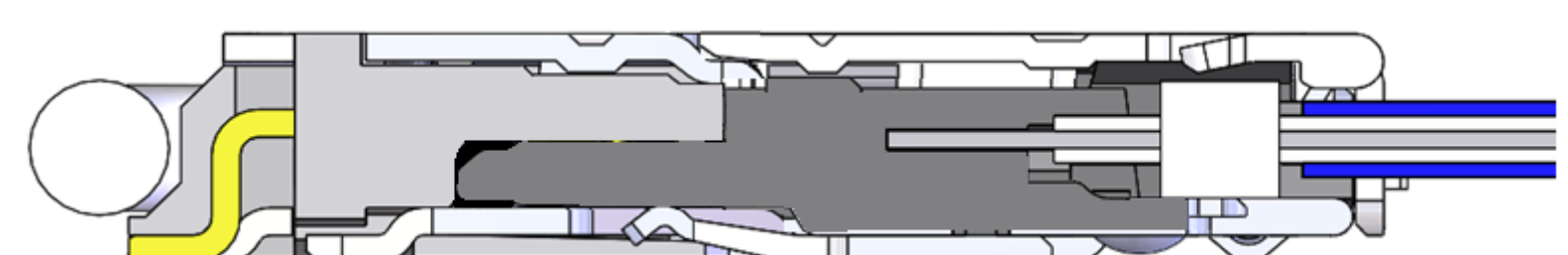


잠금 Bar는 플러그가 리셉터클에 완전히 체결된 경우에만 잠글 수 있습니다.

간섭



불완전한 체결

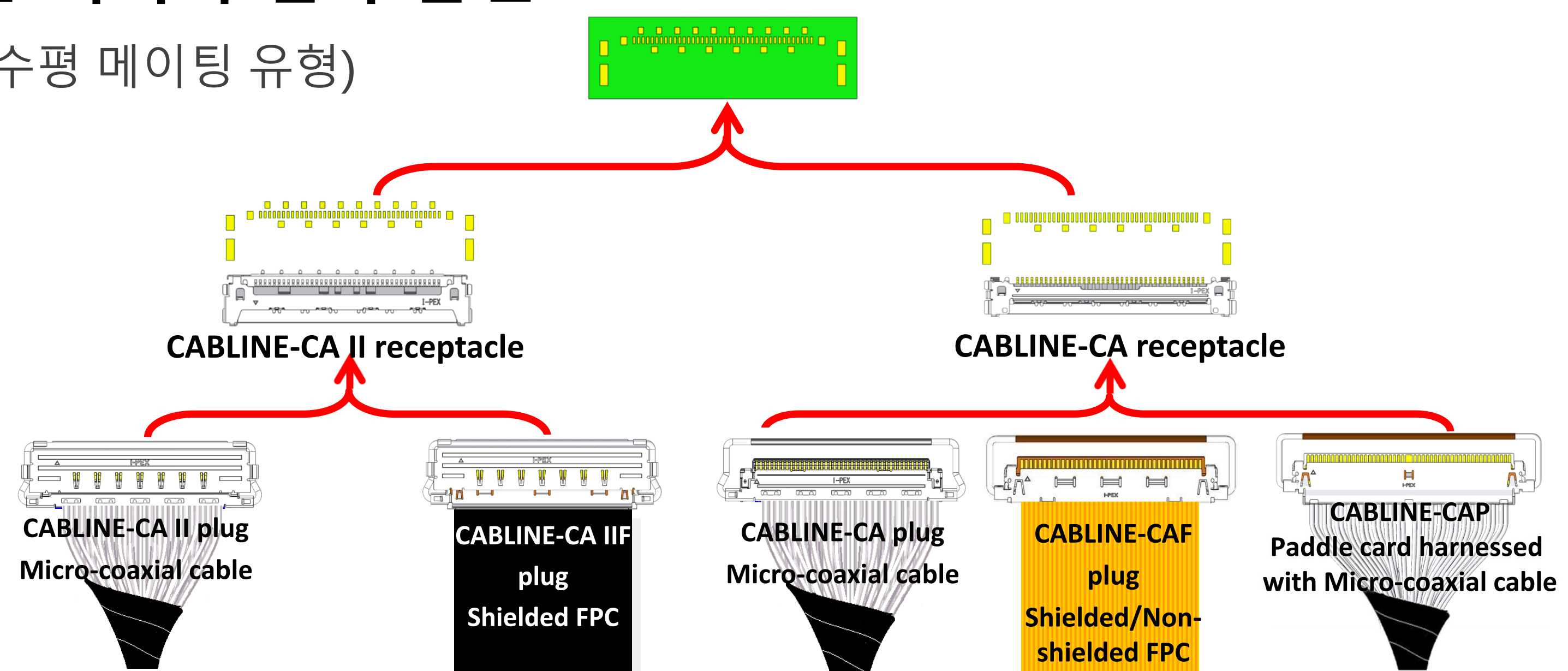


완전한 체결

▶ CABLINE-CA 시리즈의 다양한 커넥터 접속 옵션

CABLINE-CA 시리즈(0.4 mm 피치, 수평 메이팅 유형)

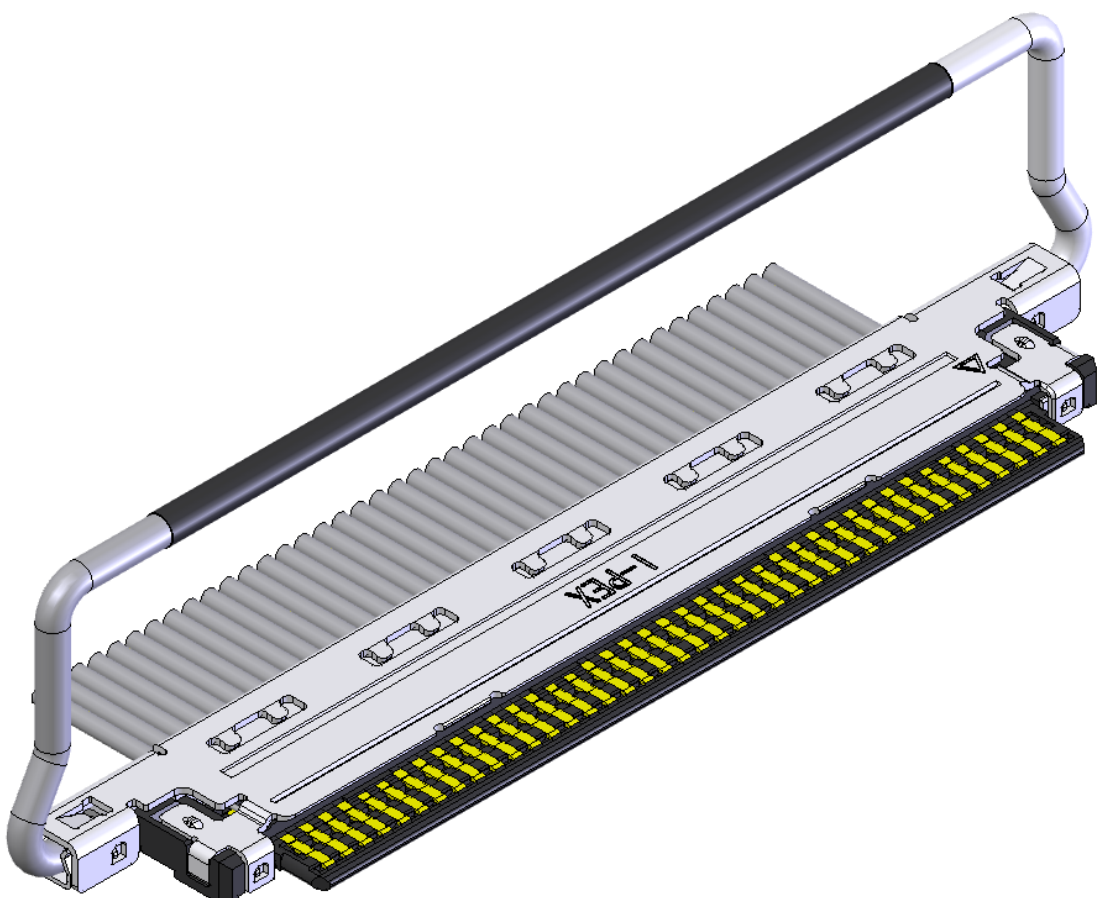
CABLINE-CA 및 CA II 리셉터클은
동일PCB 레이아웃을 사용 가능.



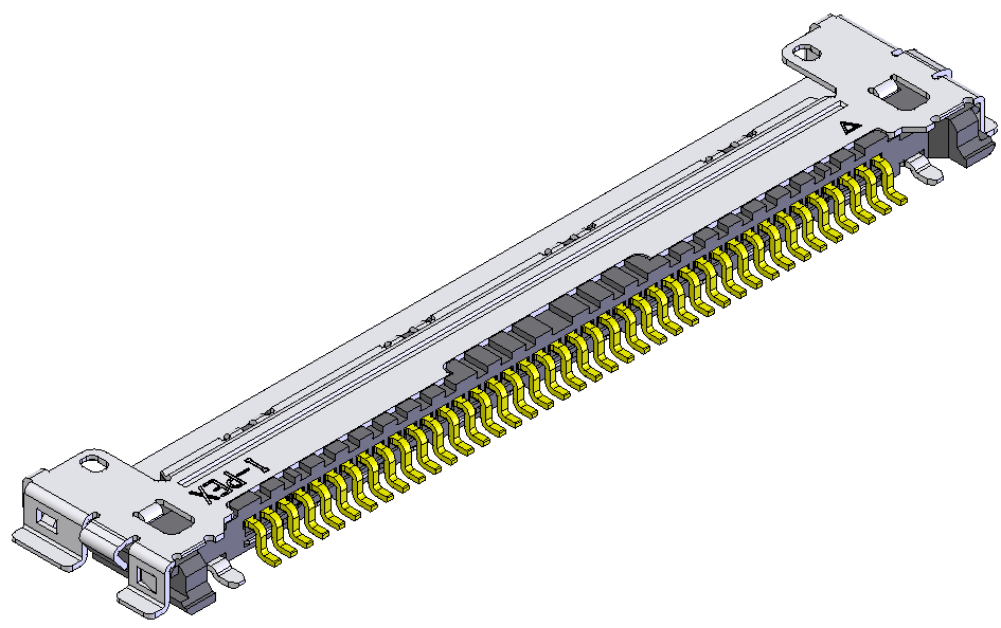
Component Parts Details

Component Parts

Connector parts

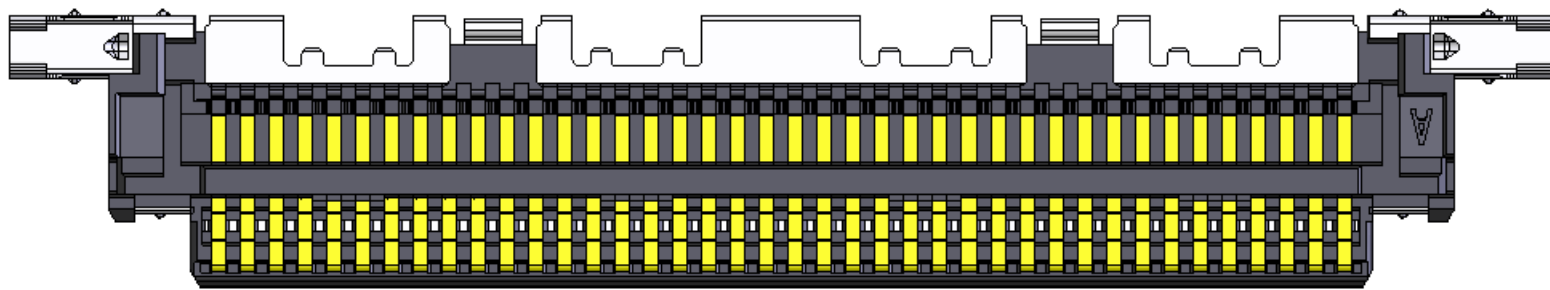


PLUG

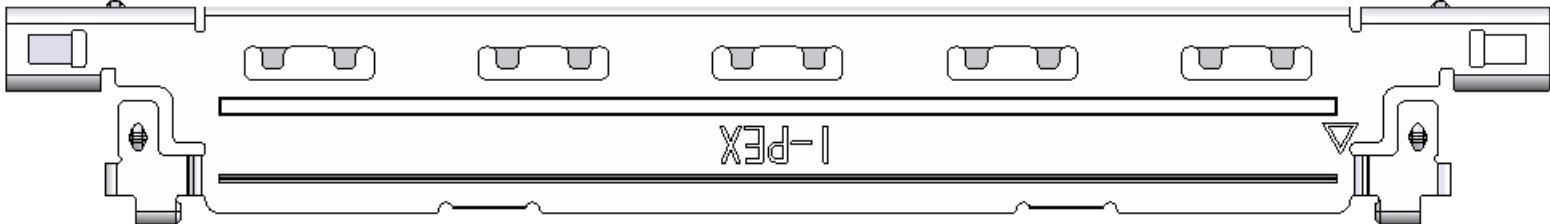


RECEPTACLE

Plug parts



PLUG HOUSING ASSEMBLY



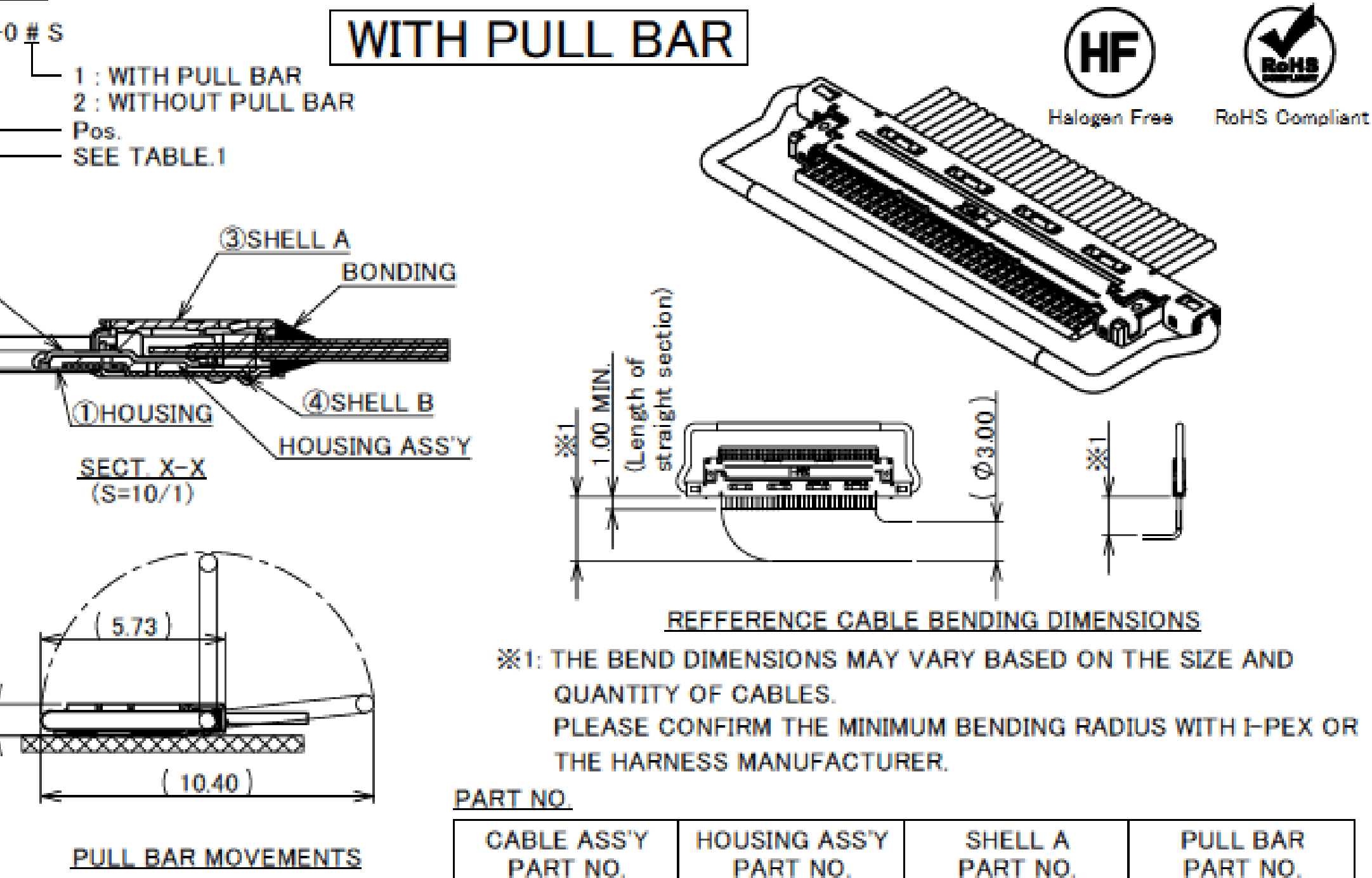
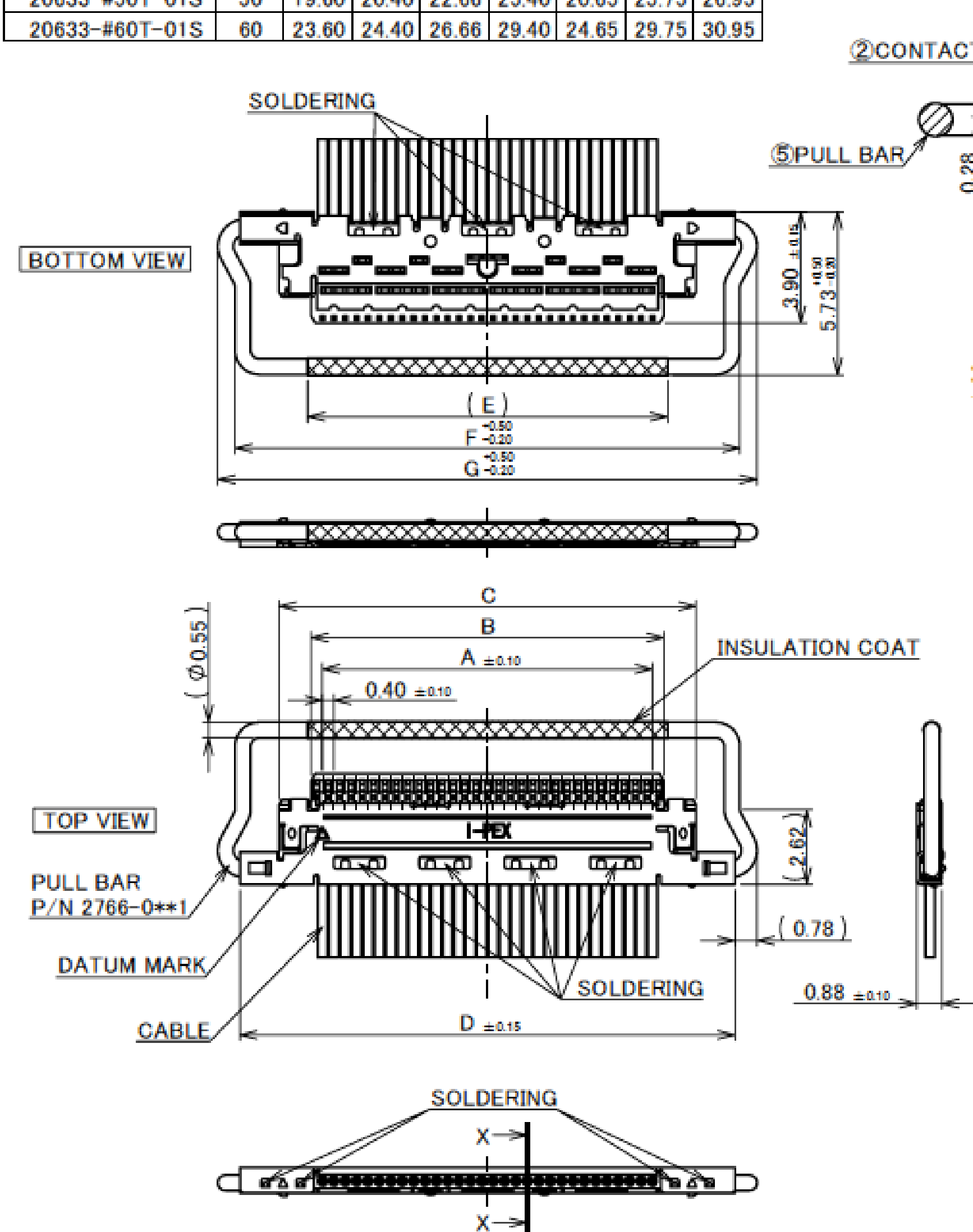
PLUG SHELL-A



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		



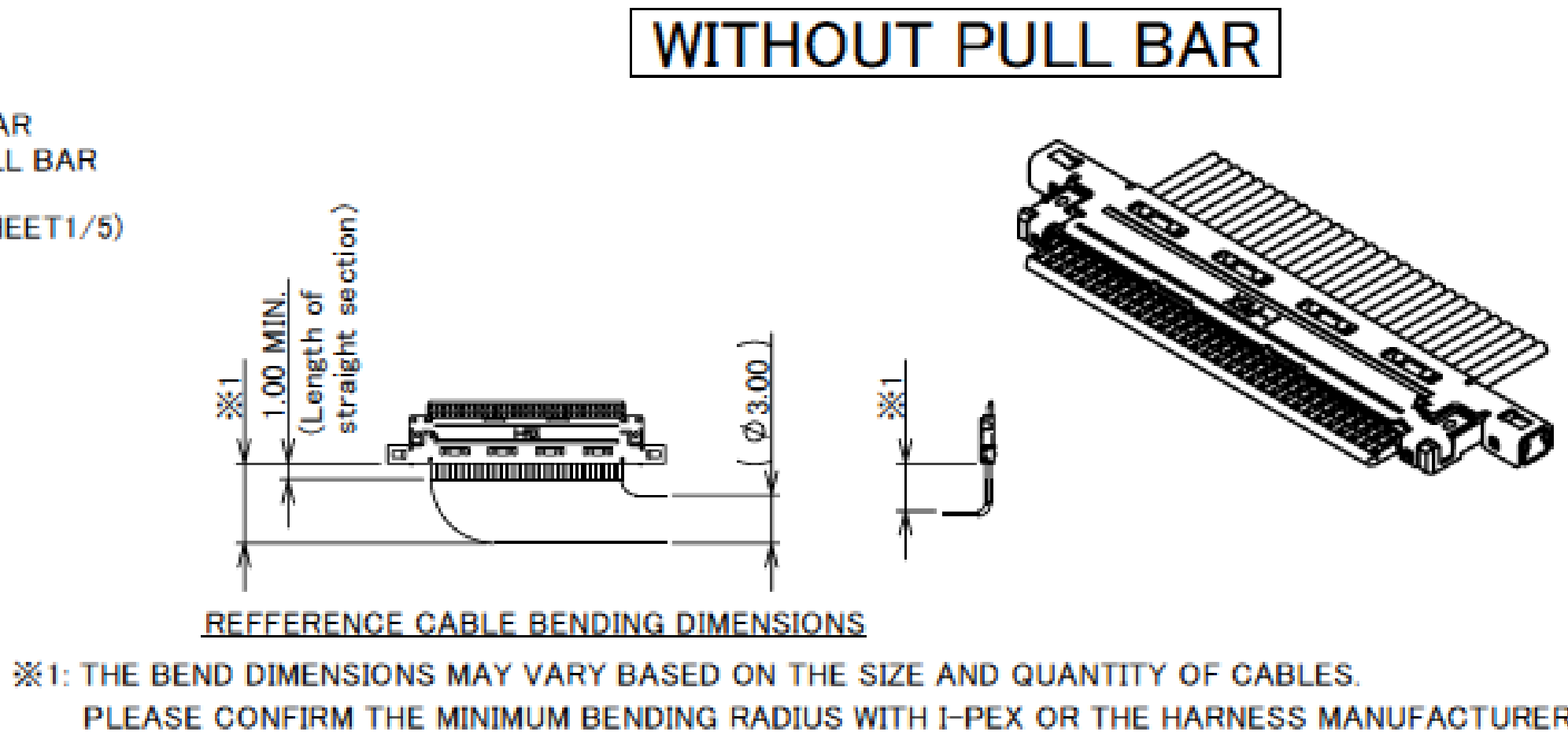
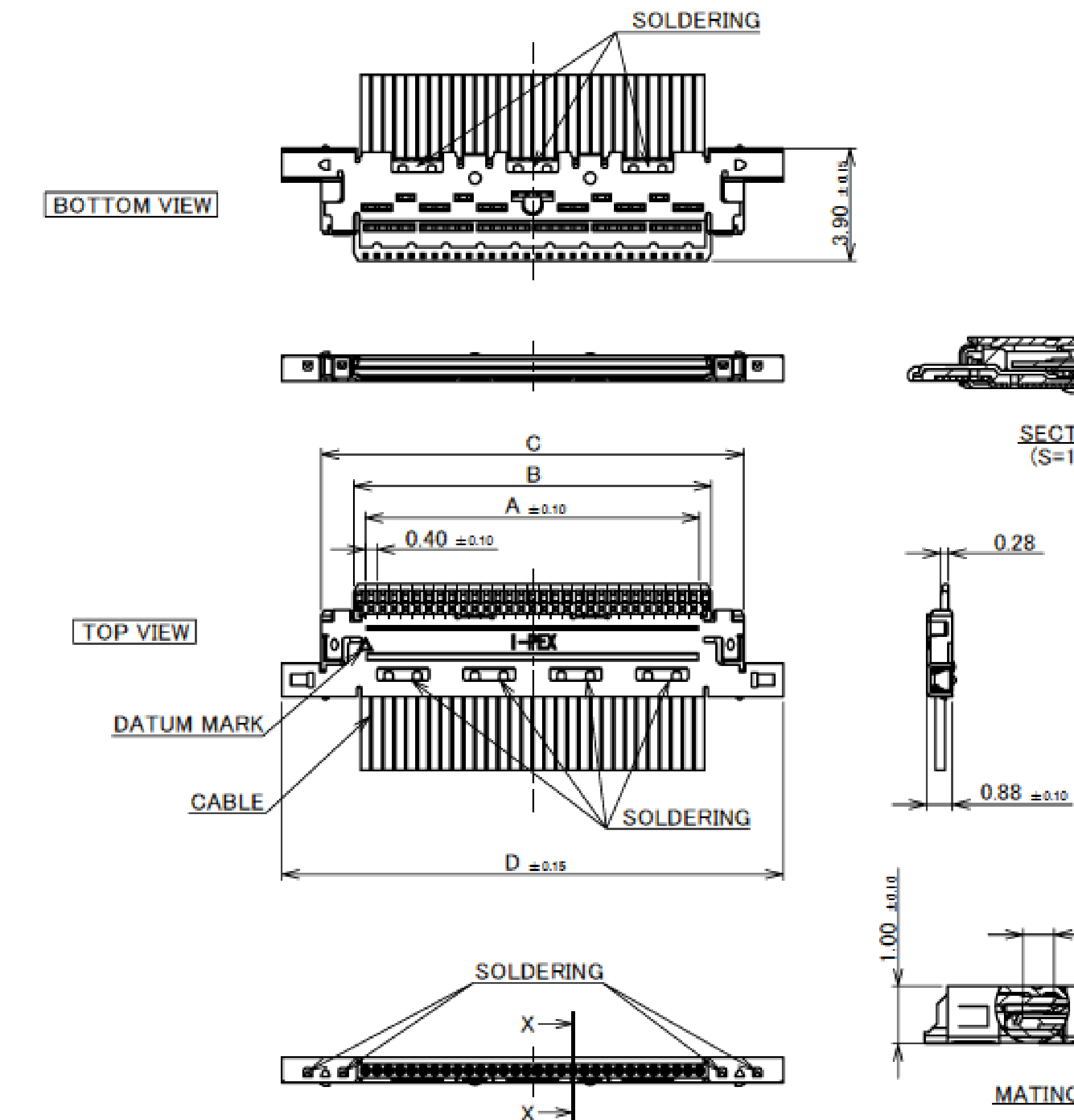
PART NO.		CABLE ASS'Y PART NO.		HOUSING ASS'Y PART NO.		SHELL A PART NO.		PULL BAR PART NO.	
20633-2**T-01S		20634-1**T-02		2764-0**1-002		2766-0**1			
20633-3**T-01S		20634-2**T-02		2764-0**1-003					

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) Au 0.03 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.
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

Rev.15

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-02S	10	3.60	4.40	6.66	9.40	4.65	9.75	10.95		
20633-#12T-02S	12	4.40	5.20	7.46	10.20	5.45	10.55	11.75		
20633-#20T-02S	20	7.60	8.40	10.66	13.40	8.65	13.75	14.95		
20633-#30T-02S	30	11.60	12.40	14.66	17.40	12.65	17.75	18.95		
20633-#40T-02S	40	15.60	16.40	18.66	21.40	16.65	21.75	22.95		
20633-#50T-02S	50	19.60	20.40	22.66	25.40	20.65	25.75	26.95		
20633-#60T-02S	60	23.60	24.40	26.66	29.40	24.65	29.75	30.95		



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		2766-0**1			
20633-3**T-02S		20634-2**T-02		2764-0**1-003					

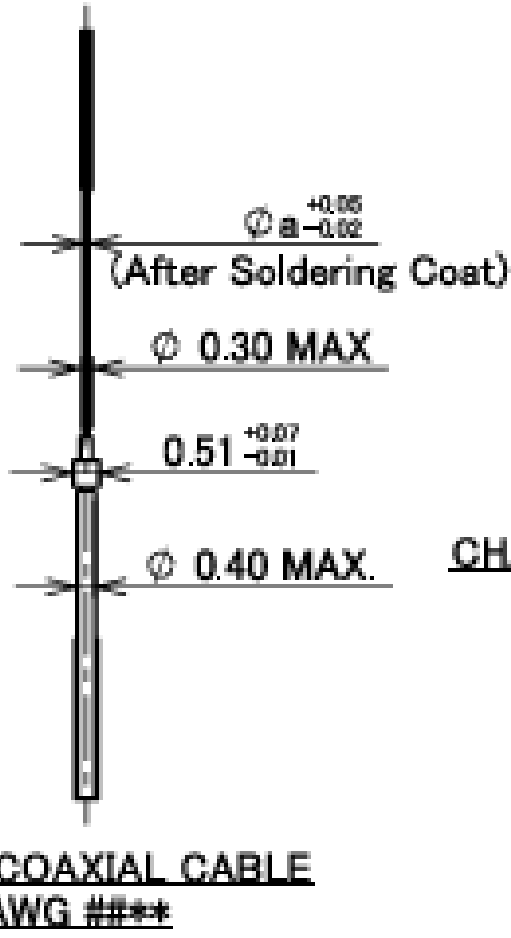
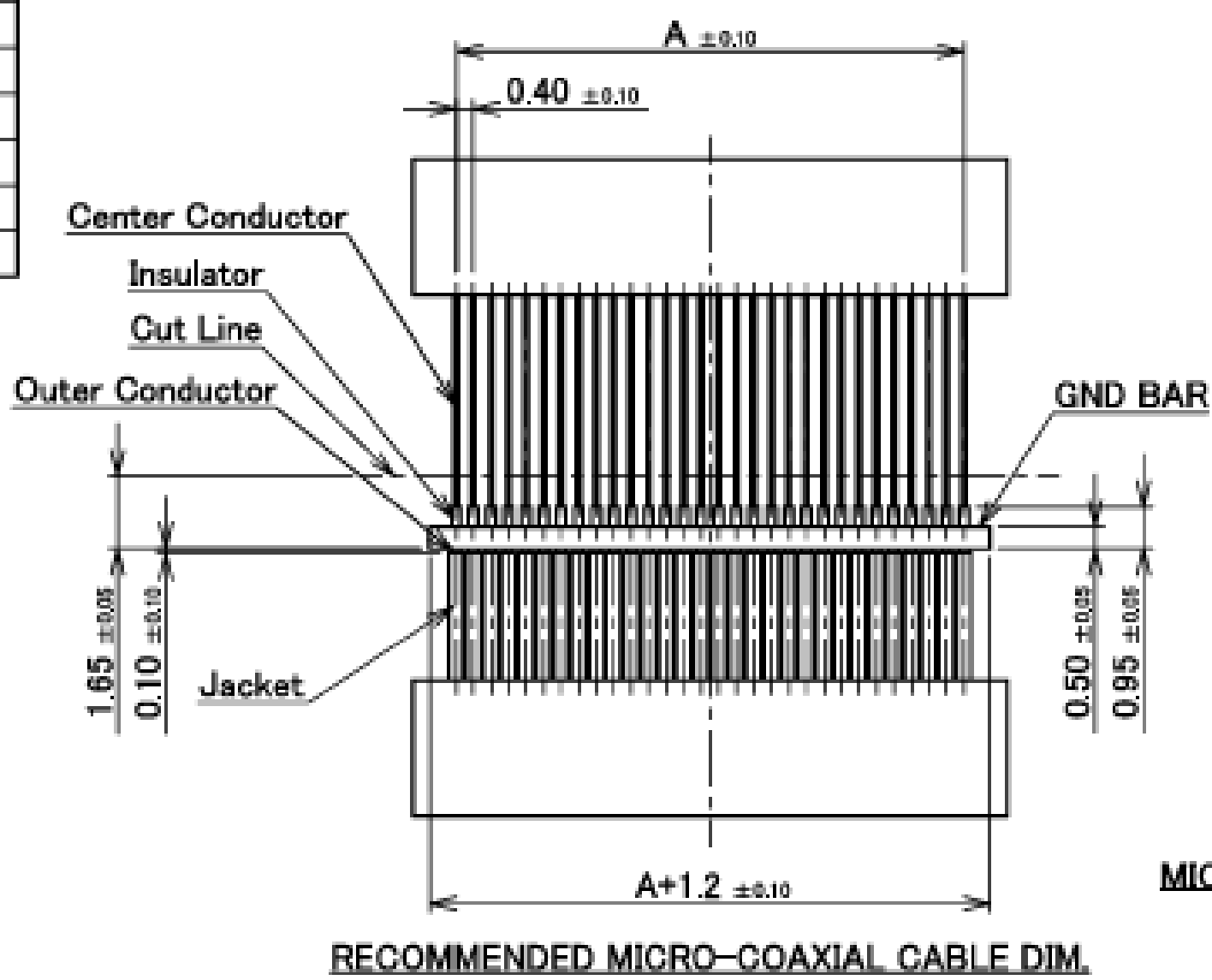
PART NO.	CONTACT FINISH	SHELL A FINISH	SHELL B FINISH
20633-2**T-0#S	CONTACT AREA Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA Au 0.05 μm MIN. OVER Ni 1.00 μm MIN.	TOP SIDE Au 0.03 μm MIN. OVER Ni 1.00 μm MIN. BOTTOM SIDE Ni 1.00 μm MIN. (THERE IS THE POSSIBILITY THAT Au ATTACHES RANDOMLY) Au 0.03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



CHARACTERISTIC IMPEDANCE MATCHING MICRO-COAXIAL CABLE

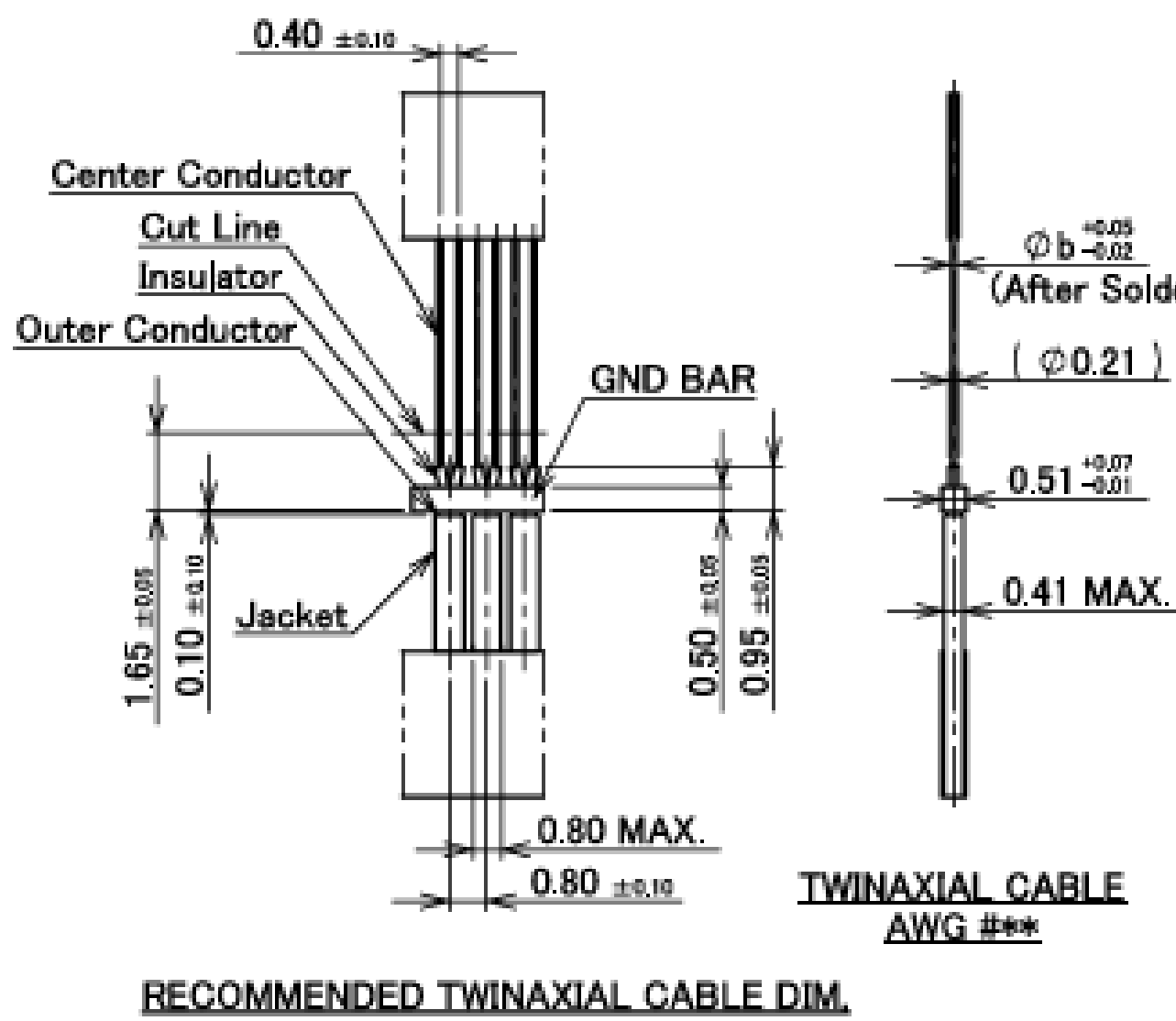
	a
#38	0.12
#40	0.09
#42	0.075
#44	0.063

CHARACTERISTIC IMPEDANCE UN-MATCHING MICRO-COAXIAL CABLE

	a
#36	0.15

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

MICRO-COAXIAL CABLE
AWG #**

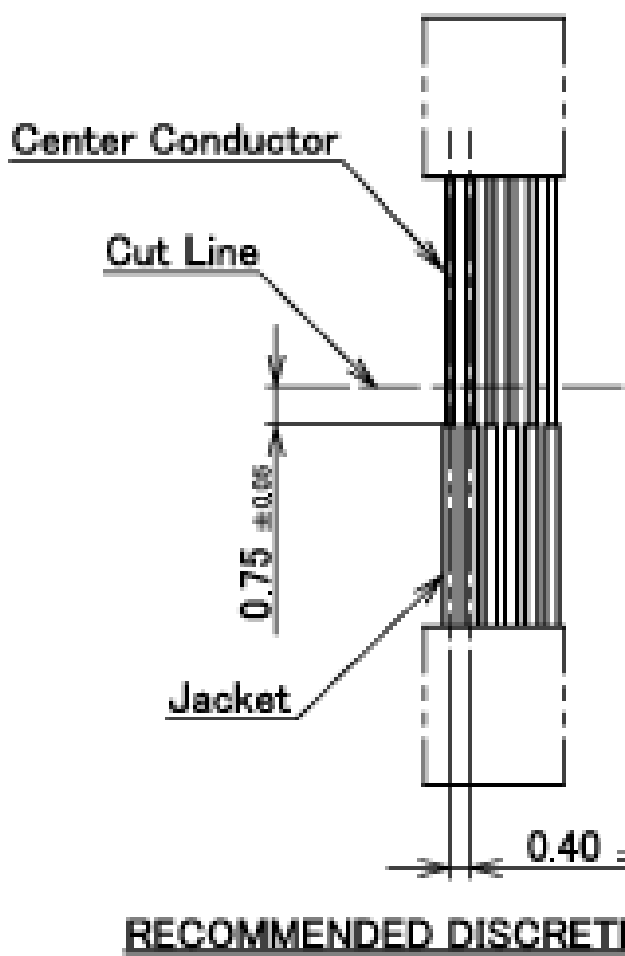


TWINAXIAL CABLE DIMENSION

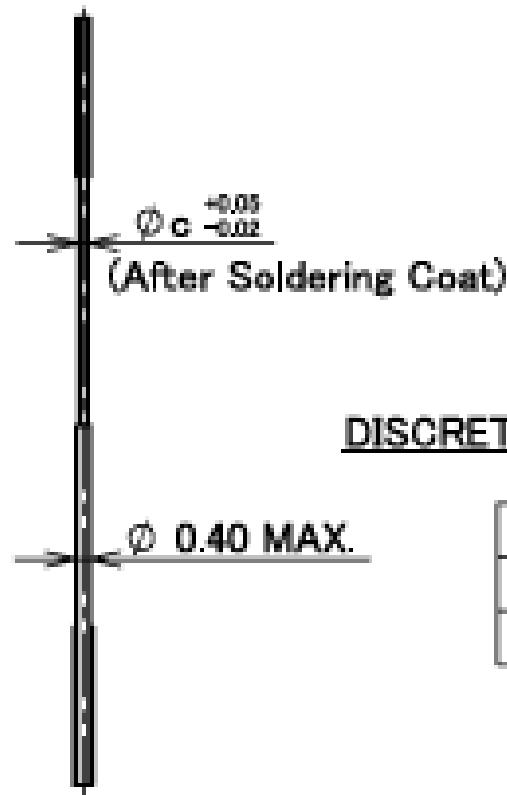
	b
#40	0.09
#42	0.075

TWINAXIAL CABLE
AWG #**

RECOMMENDED TWINAXIAL CABLE DIM.



RECOMMENDED DISCRETE WIRE DIM.



DISCRETE WIRE DIMENSION

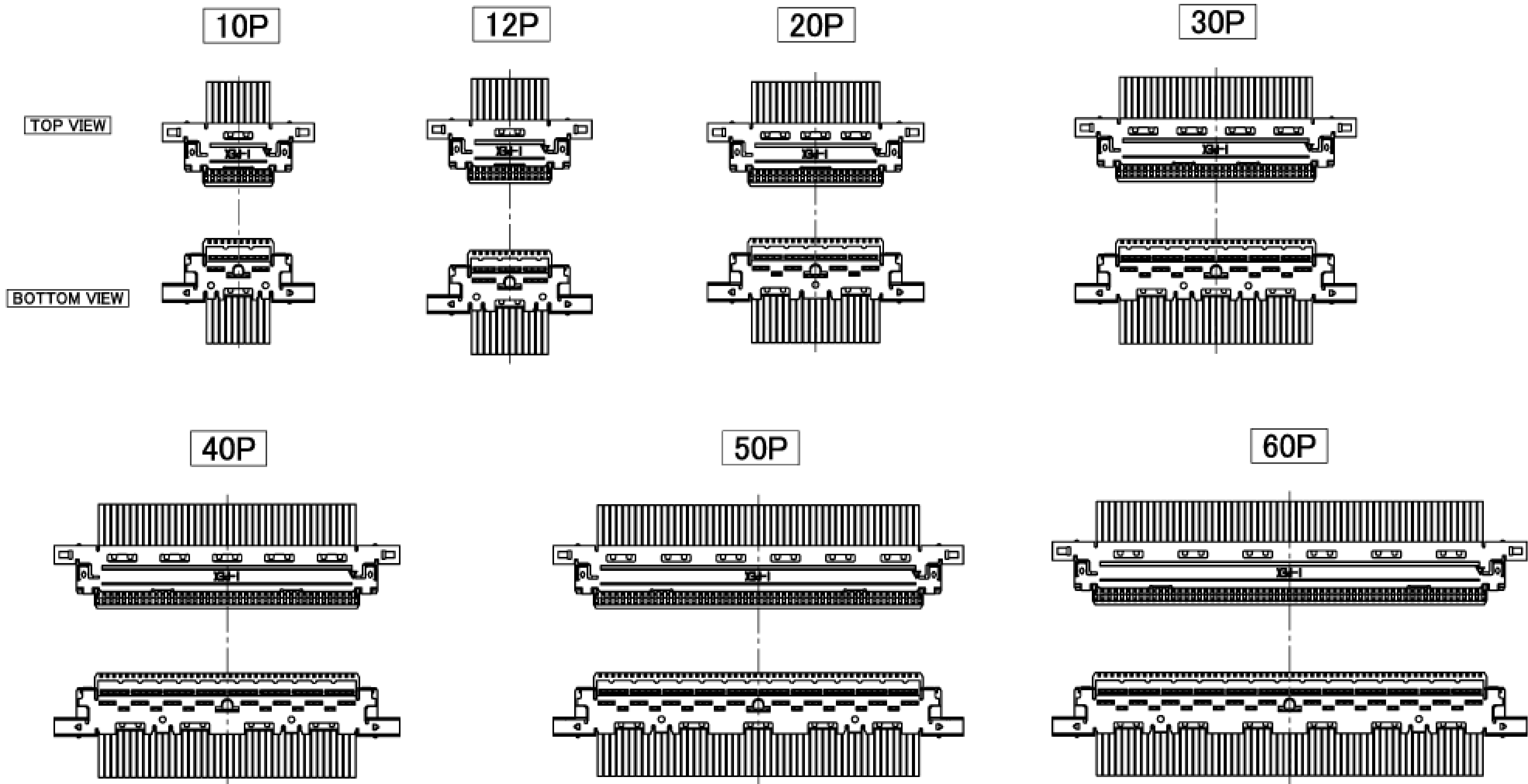
	c
#34	0.192
#36	0.15

DISCRETE WIRE
AWG #**

Rev.15

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

THE EXTERNAL APPEARANCE



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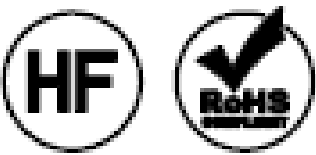
Plug for Cable Assembly

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG #44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG #36, 34 TWINAXIAL CABLE : AWG #40 , 42
RATED 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.
RATED 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 TO 358K (−40°C TO 85°C)
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***

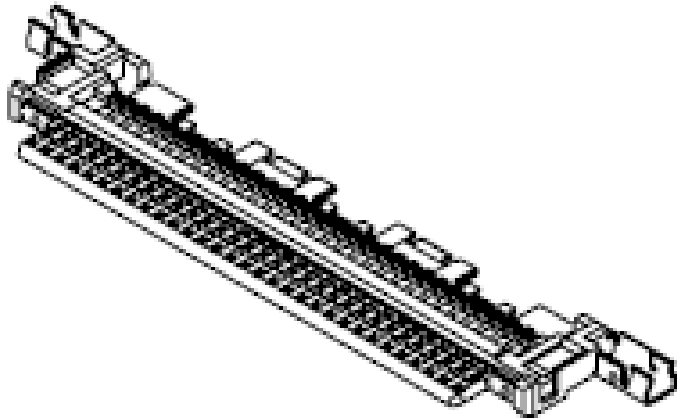
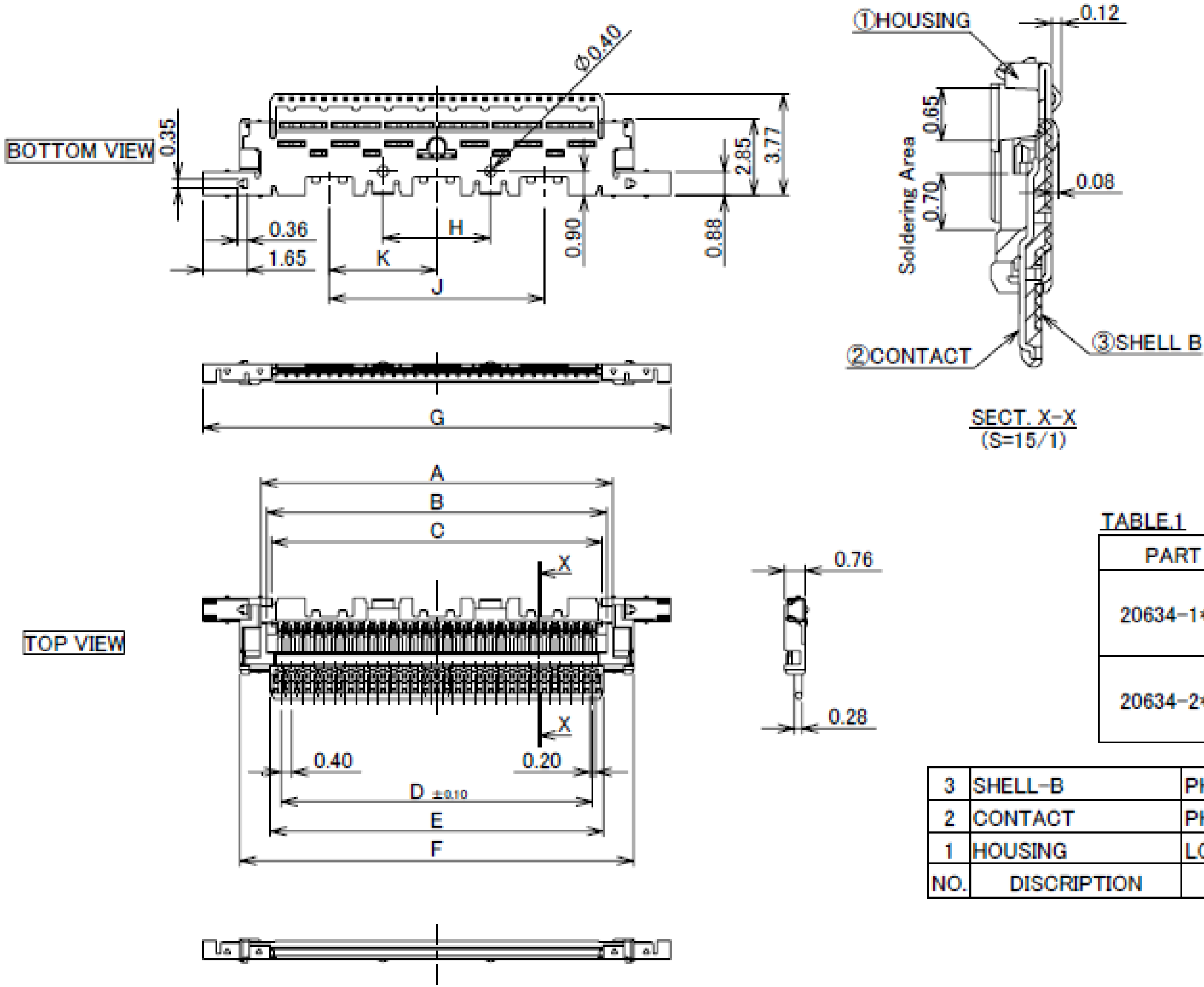
Rev.15

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



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

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.

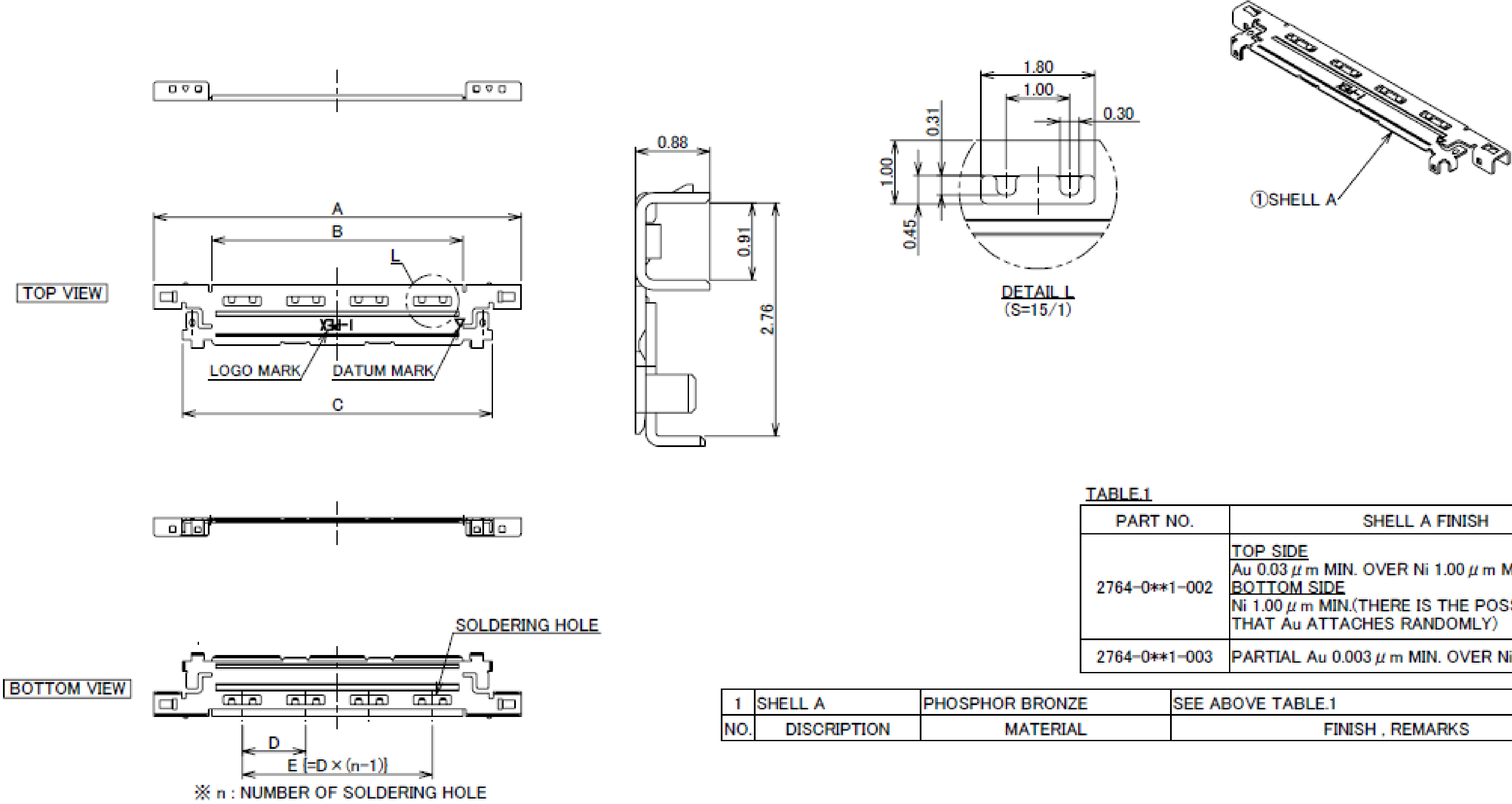
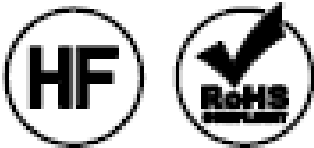
3	SHELL-B	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
2	CONTACT	PHOSPHOR BRONZE	SEE ABOVE TABLE.1
1	HOUSING	LCP	UL94V-0, BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

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#
SEE TABLE.1
Pos.

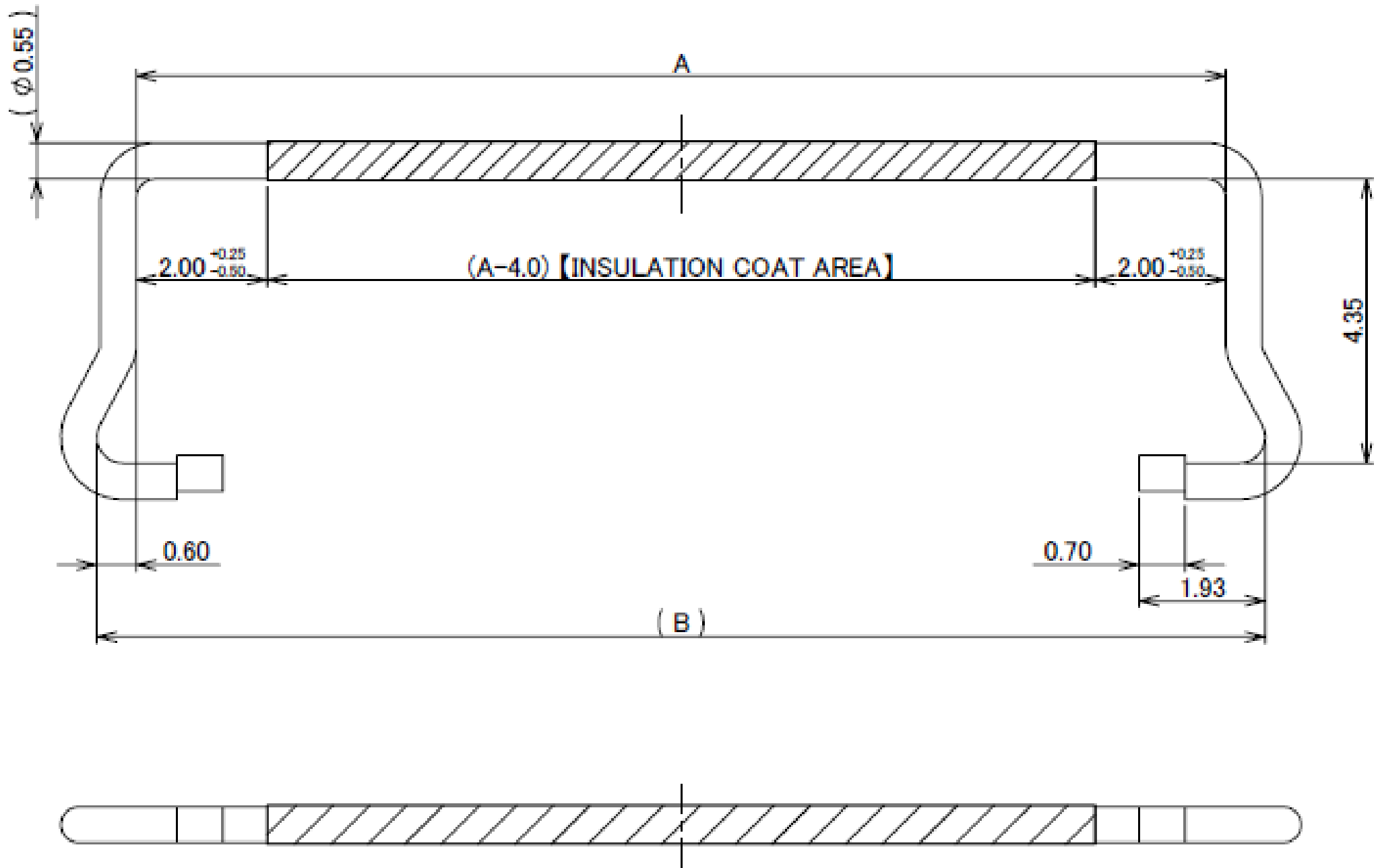
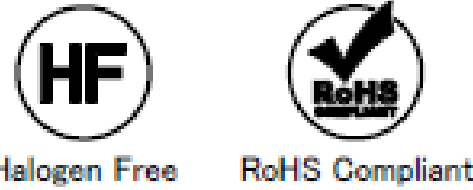


Rev.11

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.



1	PULL BAR	SUS	
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

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					

PATENT REGISTERED



Halogen Free RoHS Compliant

P/N : 20525-#**E-02
POS. SEE TABLE 1

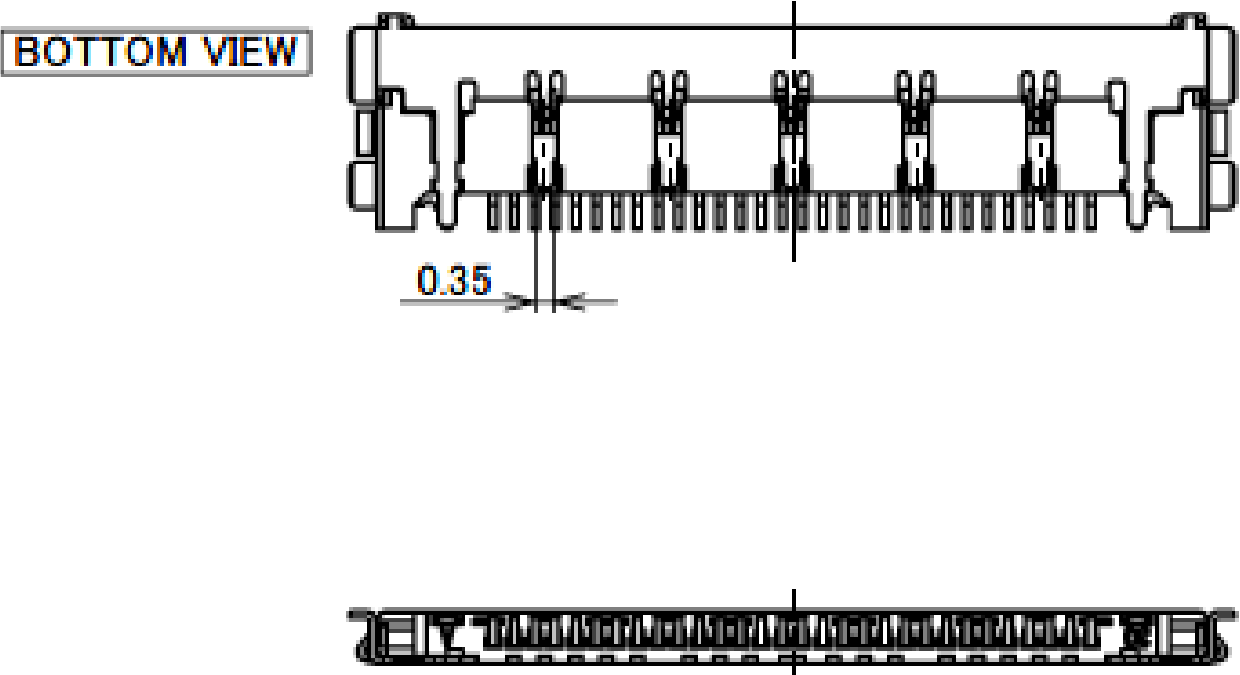
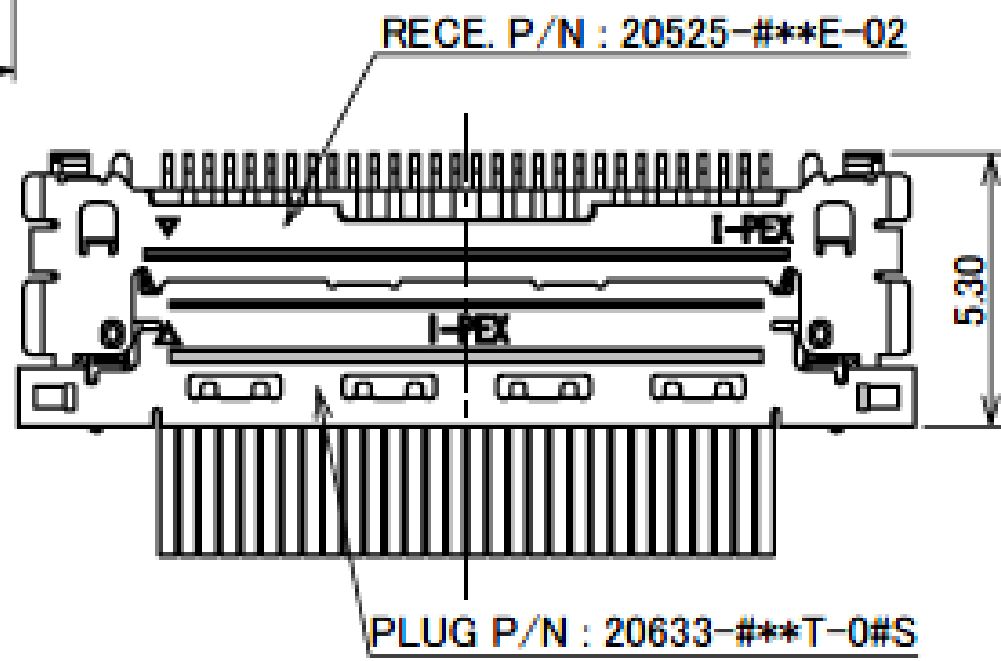
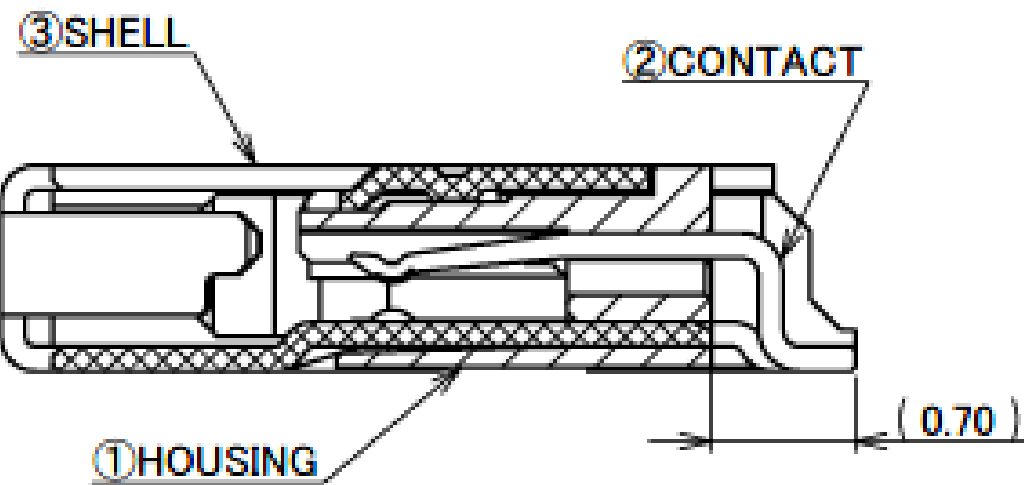
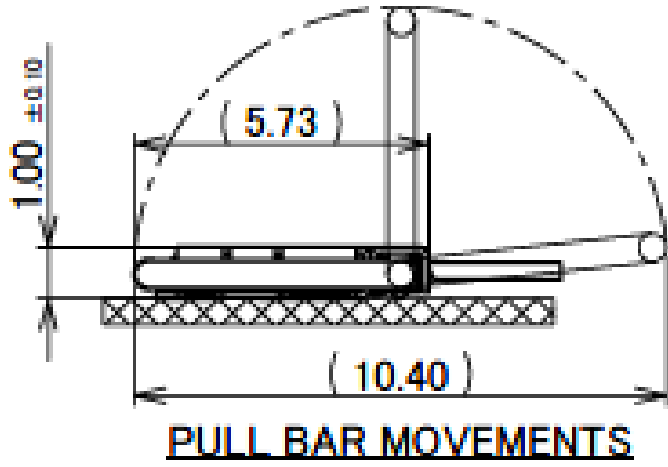
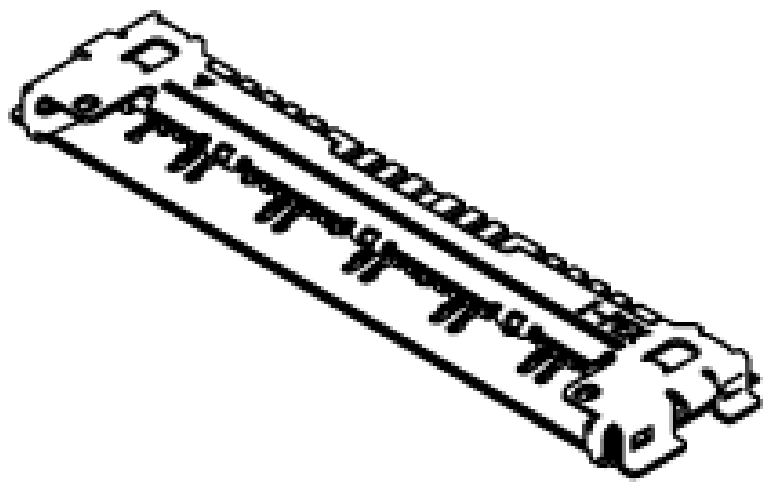
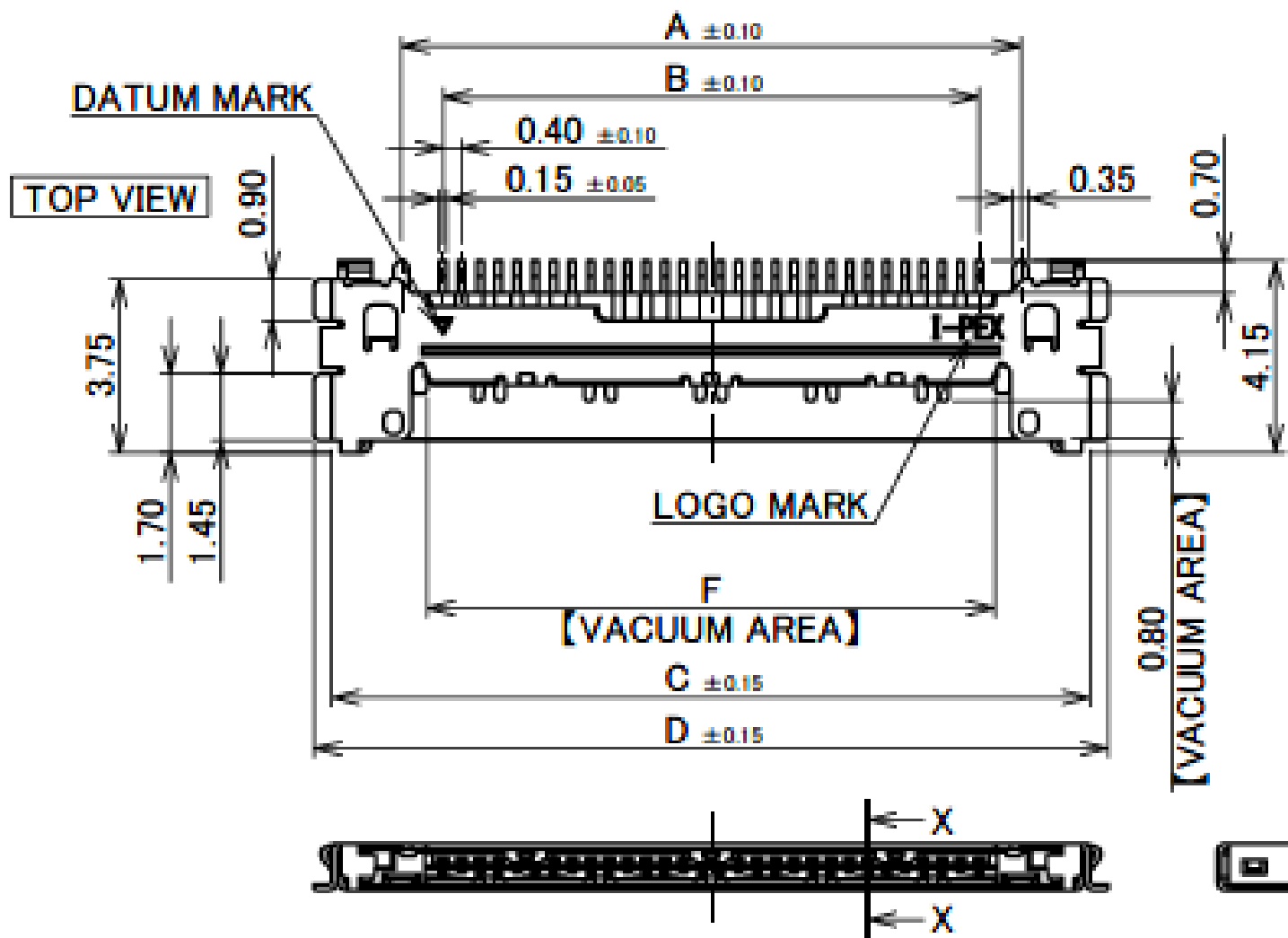
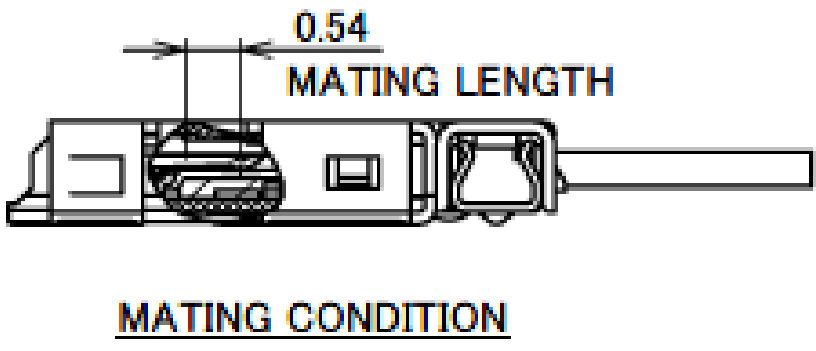


TABLE 1

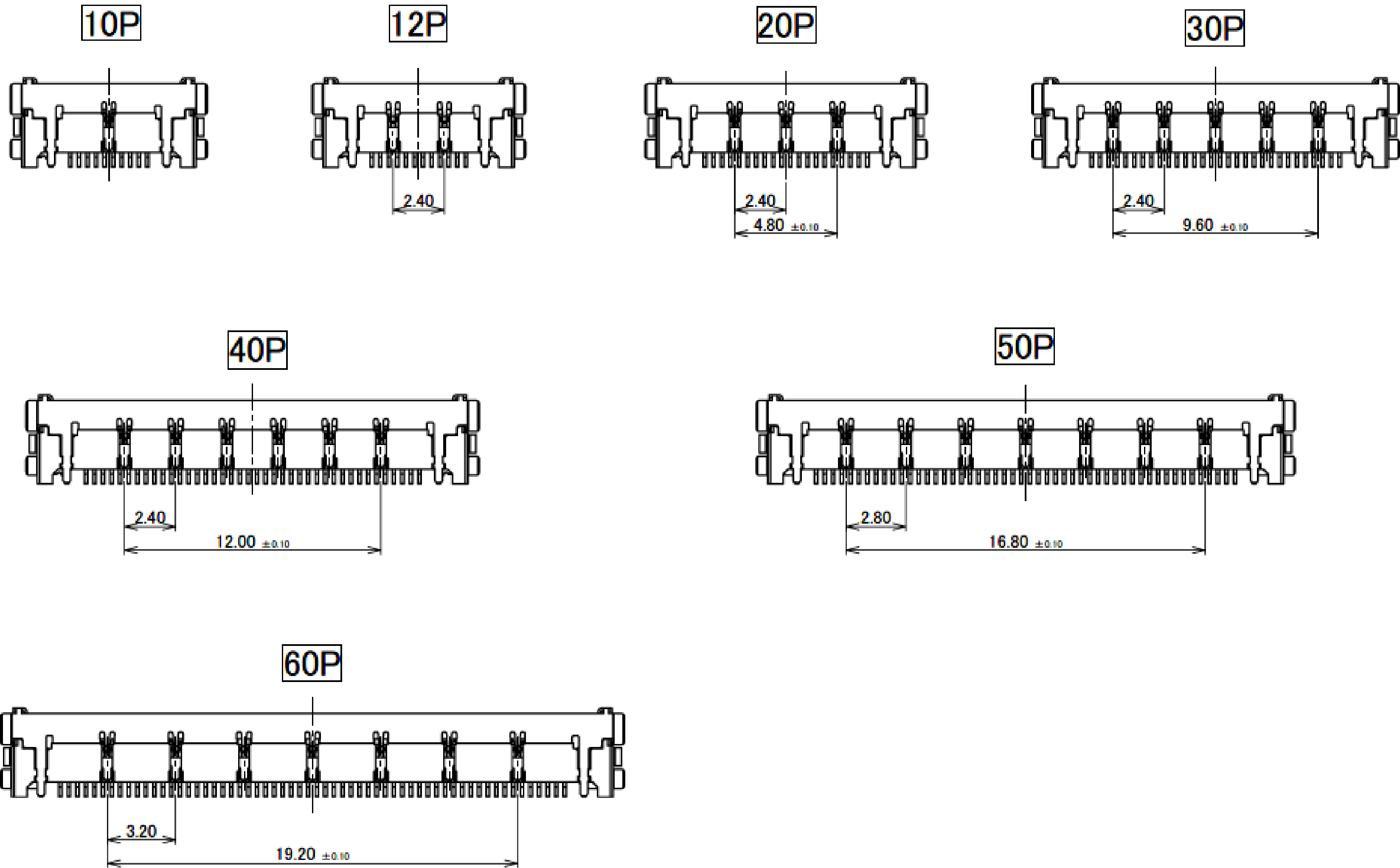
PART NO.	CONTACT FINISH	SHELL FINISH
20525-0**E-02	CONTACT AREA : Au 0.1 μm MIN. OVER Ni 1.00 μm MIN. SOLDERING AREA : Au 0.03 μm MIN. OVER Ni 1.00 μm MIN.	ALL OVER Au 0.02 μm MIN. OVER Ni 1.00 μm MIN. CONTACT AREA : Au 0.02 μm MIN. OVER Ni 0.80 μm MIN.
20525-2**E-02	CONTACT AREA : Au 0.03 μm MIN. OVER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

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

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PART NO.
20525-#**E-02

BOTTOM VIEW

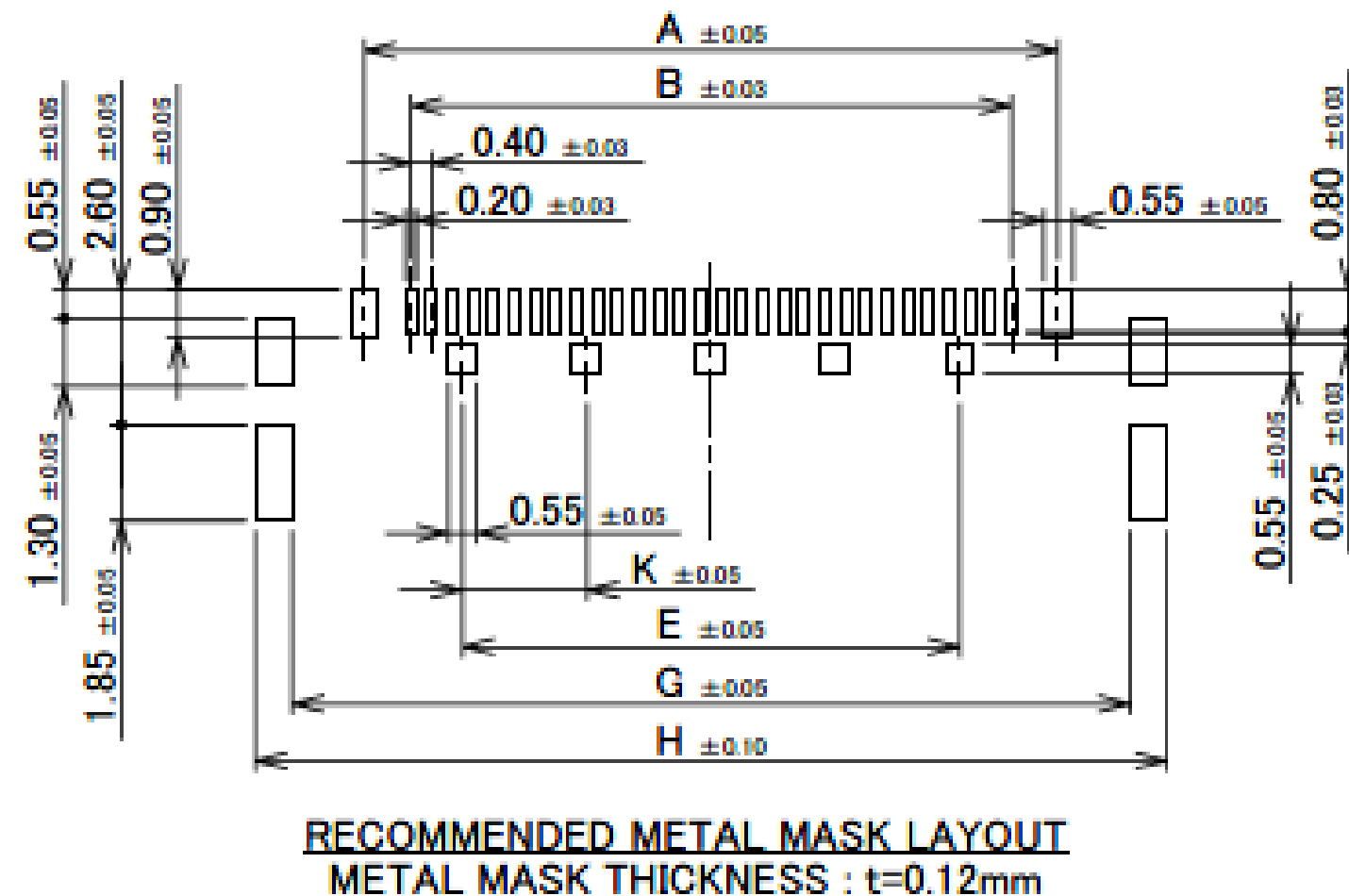
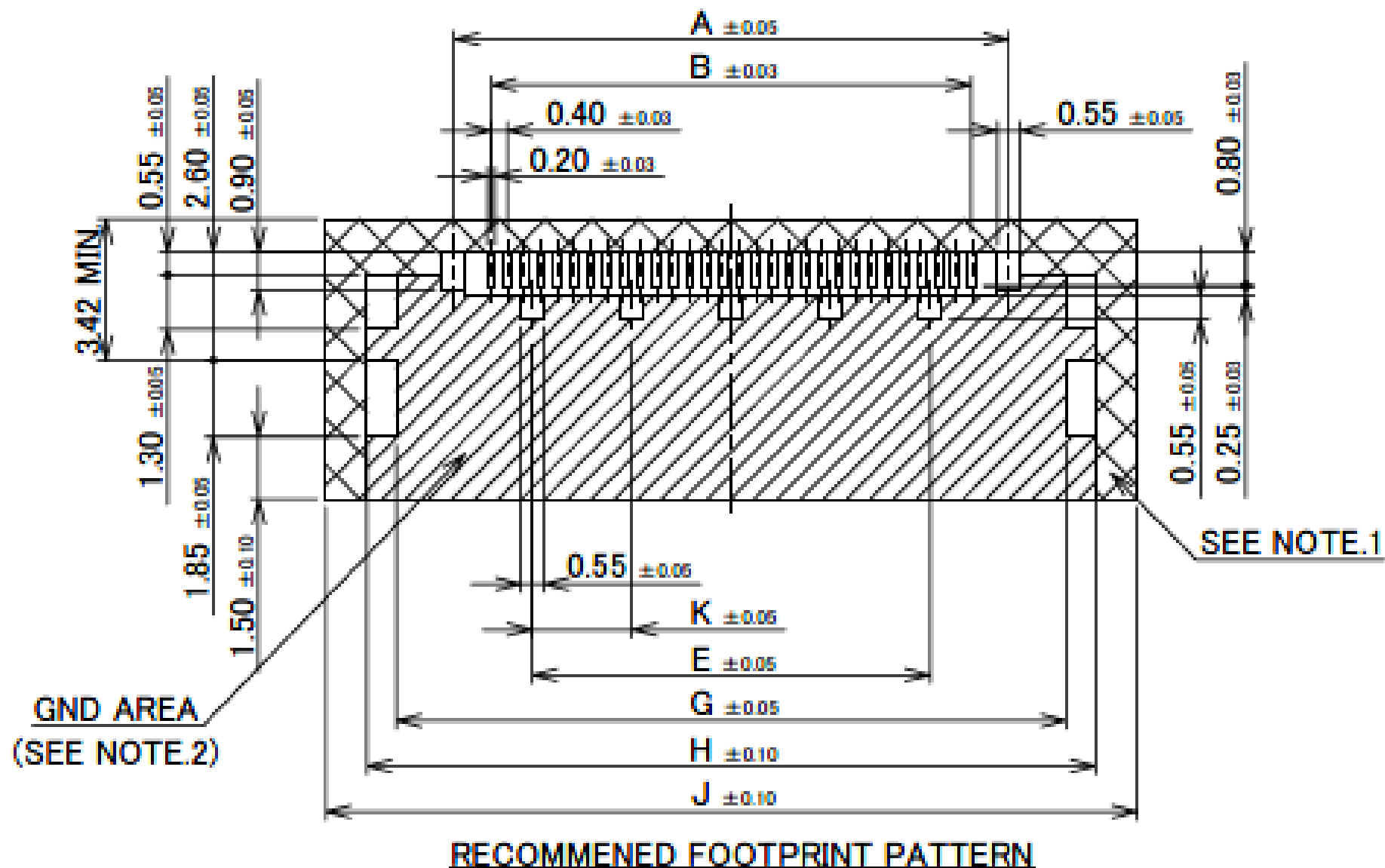


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Receptacle Assembly

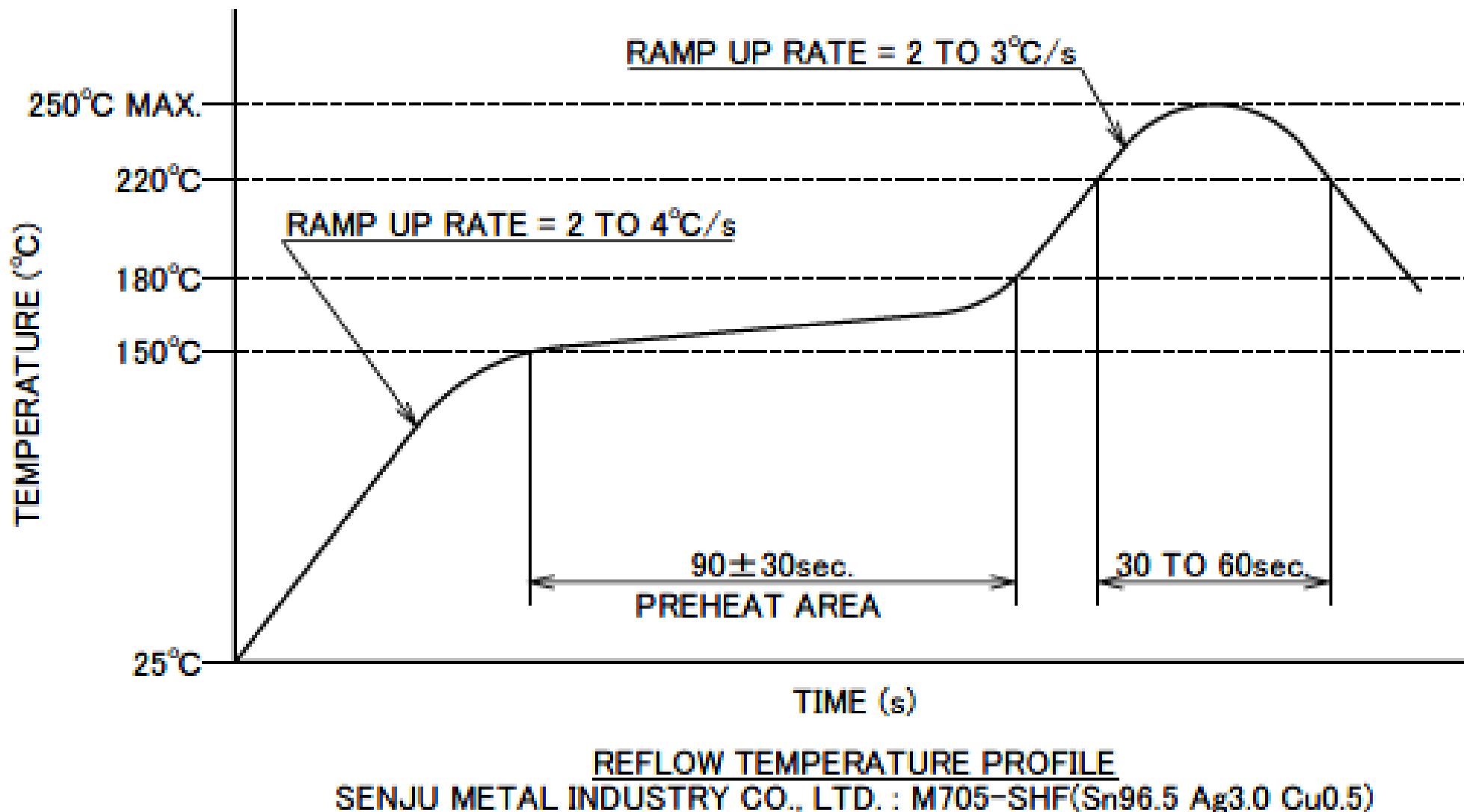
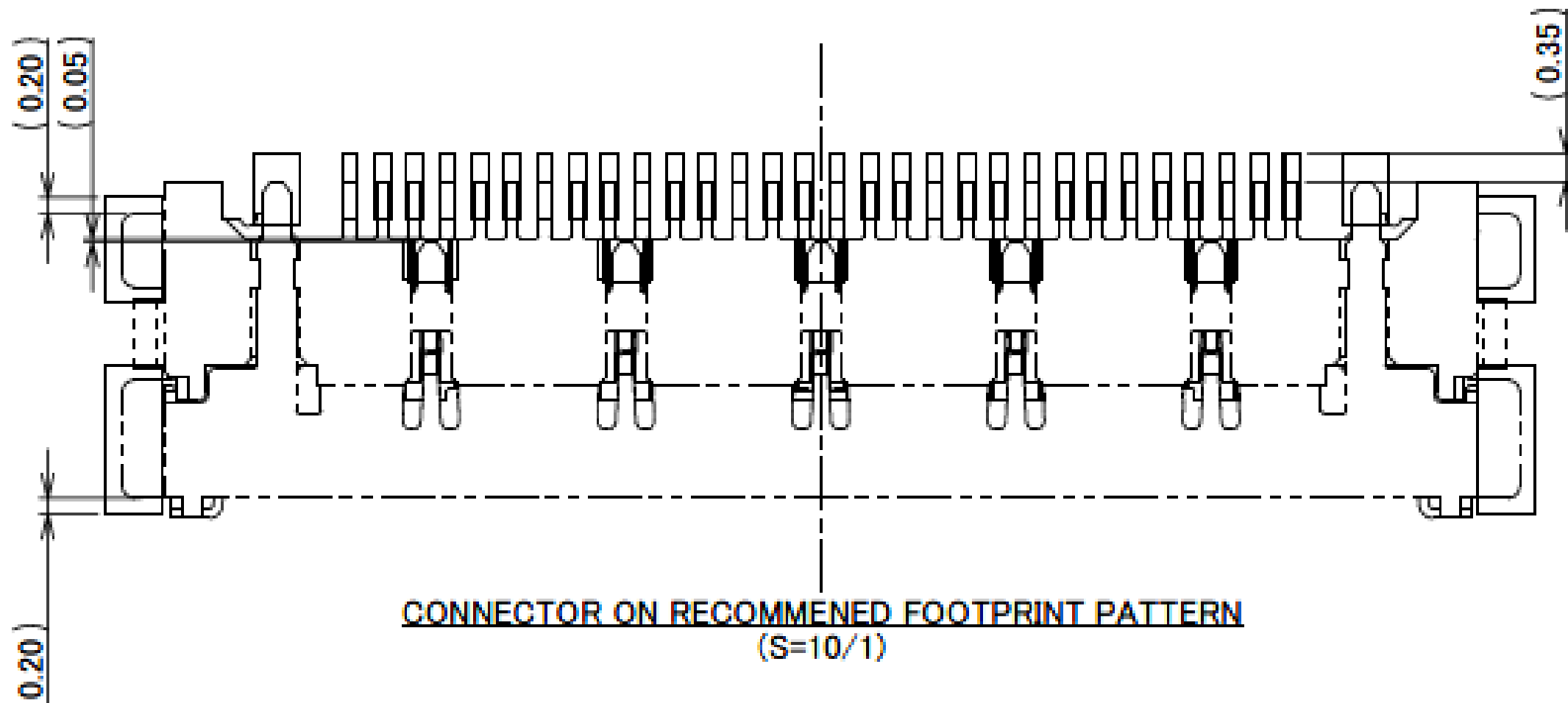
PART NO.	POS.	A	B	E	G	H	J	K
20525-#10E-02	10	5.40	3.60	-	8.18	9.60	11.60	-
20525-#12E-02	12	6.20	4.40	2.40	8.98	10.40	12.40	-
20525-#20E-02	20	9.40	7.60	4.80	12.18	13.60	15.60	2.40
20525-#30E-02	30	13.40	11.60	9.60	16.18	17.60	19.60	2.40
20525-#40E-02	40	17.40	15.60	12.00	20.18	21.60	23.60	2.40
20525-#50E-02	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

PATENT REGISTERED



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.

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Receptacle Assembly

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

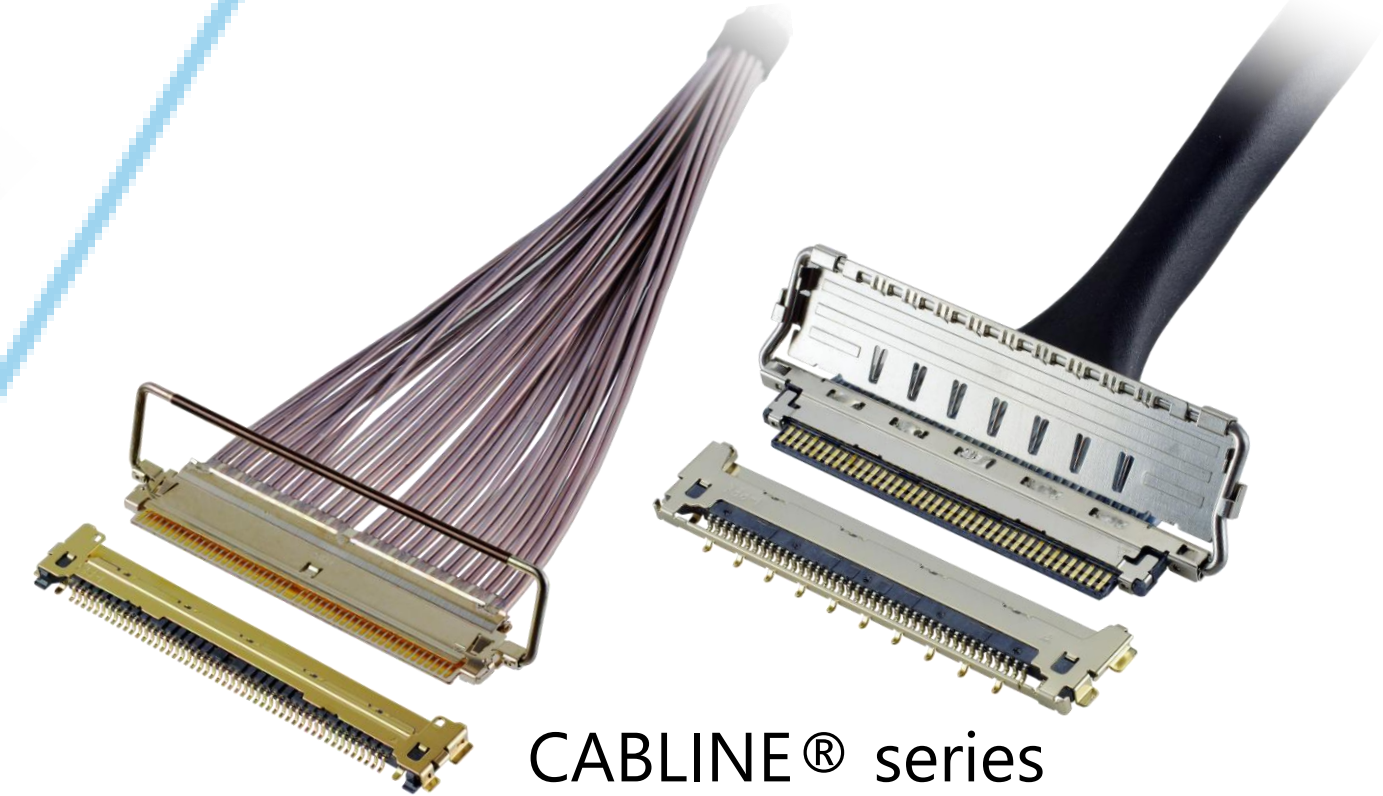
ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG #44 , 42 , 40 , 38 , 36 DISCRETE WIRE : AWG #36 , 34 TWINAXIAL CABLE : AWG #40 , 42
RATED VOLTAGE	100V AC (PER CONTACT PIN) ※THIS IS THE RATED VOLTAGE OF THE CONNECTOR. PLEASE NOTE THAT THE RATED VOLTAGE MAY VARY IN THE HARNESS DEPENDING ON THE CABLES USED.
RATED 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 TO 358K (-40°C TO 85°C)
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***

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Custom Connectors Available

RF Connectors

MHF® series



CABLINE® series

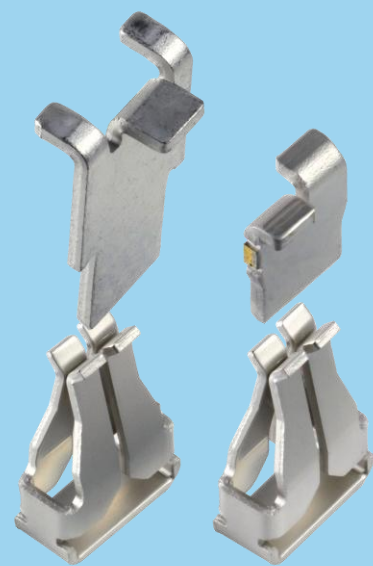


Micro-Coaxial/Twinaxial Connectors

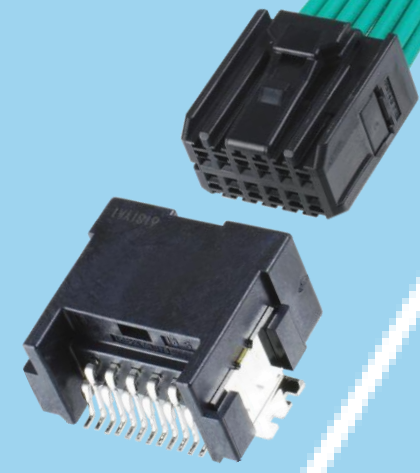


Wire-to-Board Connectors/ Terminals

AP series



ISH® series



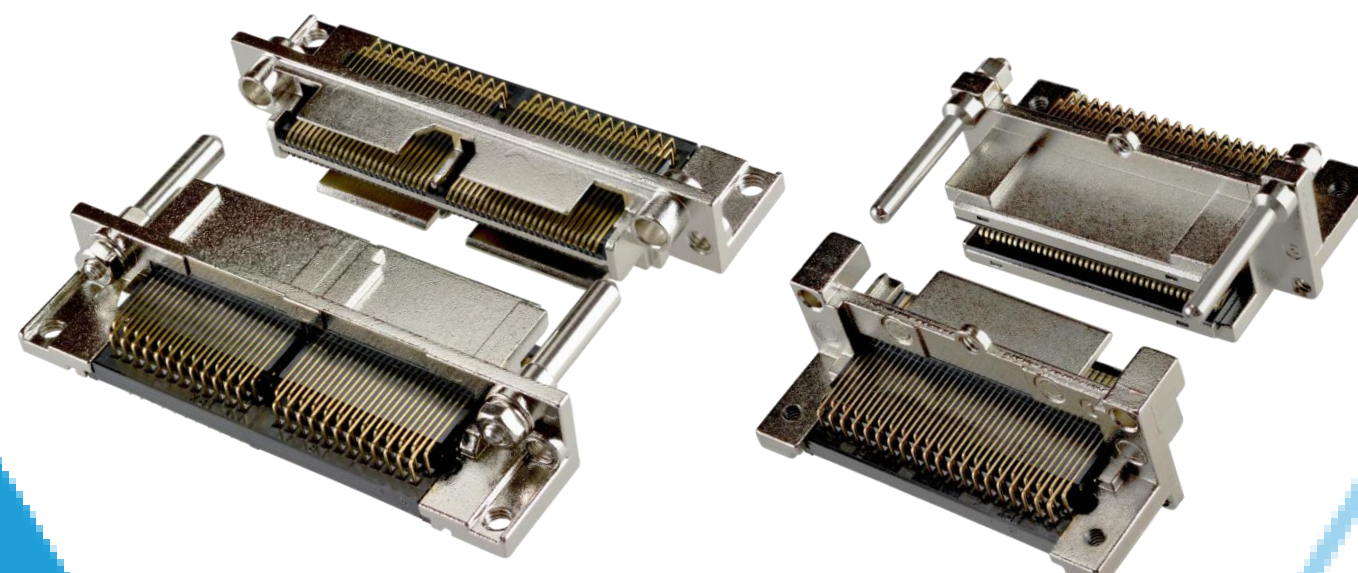
NOVASTACK® series



Board-to-Board Connectors



I/O Connectors



MINIDOCK™ series

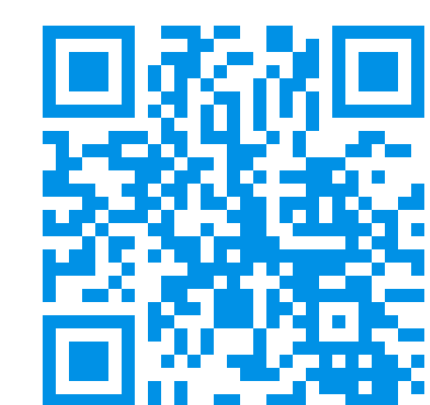
MINIFLEX® series EVAFLEX® series



FPC/FFC Connectors



Inquiry



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