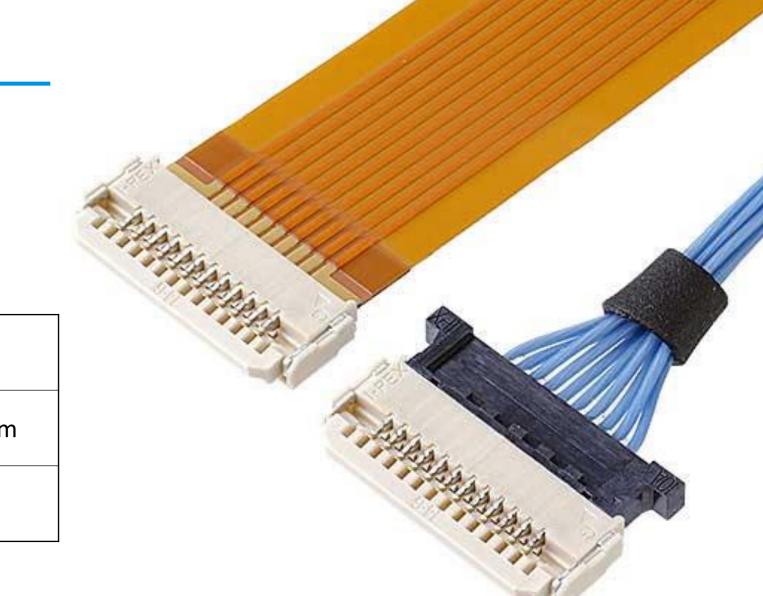
FPC/FFC Connector

DW-5

개별 전선이나 FPC로 옵션 사용이 가능한 하이브리드 커넥터, 높이 = 1.0 mm, 0.5 mm Pitch, 수평 결합, 백플립

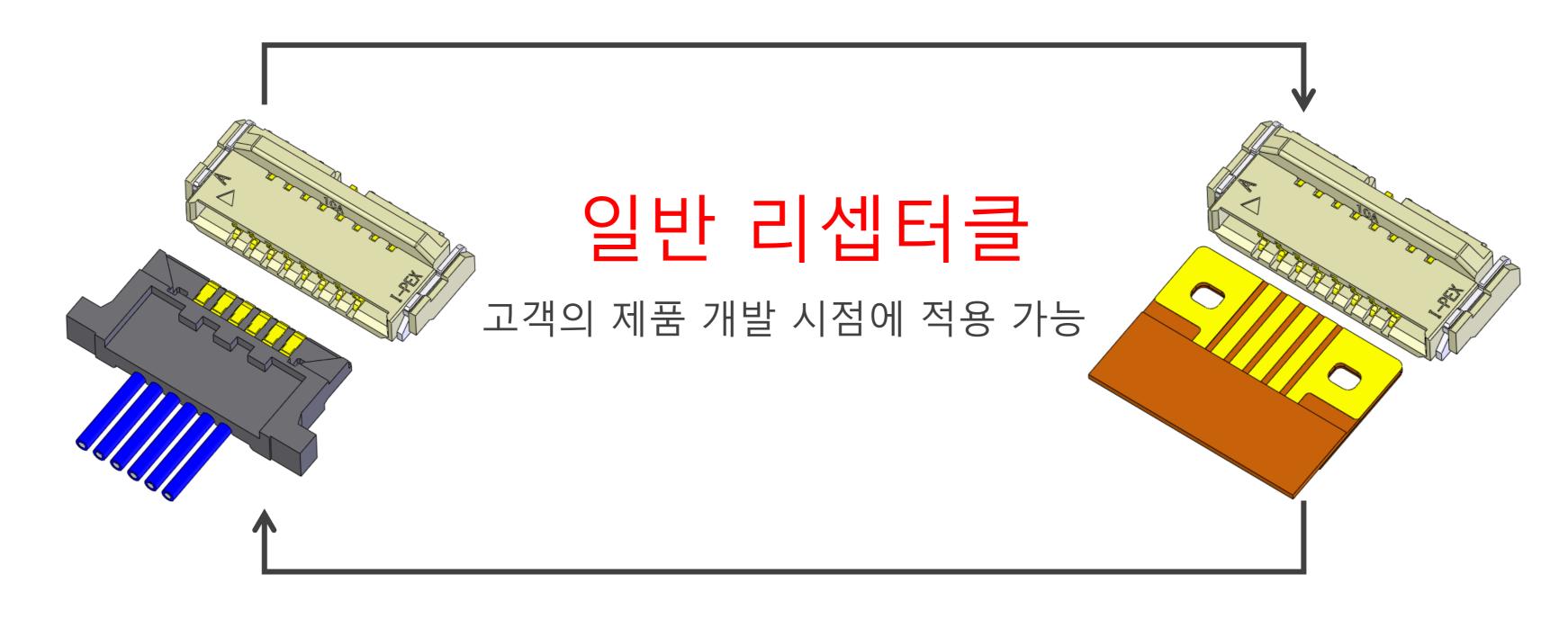
			Plug	Receptacle	Ap			
Board Pitch (mm)			0.5					
Wiping Length (mm)			1					
		Height	1.0 +/- 0.1		F			
	Ciza (mm)	Width	Formula: 3.8+(0.5*?p)	Formula: 3.7+(0.5*?p)				
	Size (mm)	Donth	Open: Mating FPC: 3.0 Ma	ating PLUG CABLE: 4.9				
		Depth	Close: Mating FPC: 3.5 Mating PLUG CABLE: 5.3					
	Din counts	Range	6-20 (even)					
	Pin counts	Available	6, 8, 10					

Applicable FPC/FFC:								
FPC/FFC Contact Pitch	0.5							
FPC/FFC Contact Point	Top and Bottom							
FPC/FFC Thickness (mm)	0.2 +/- 0.03							



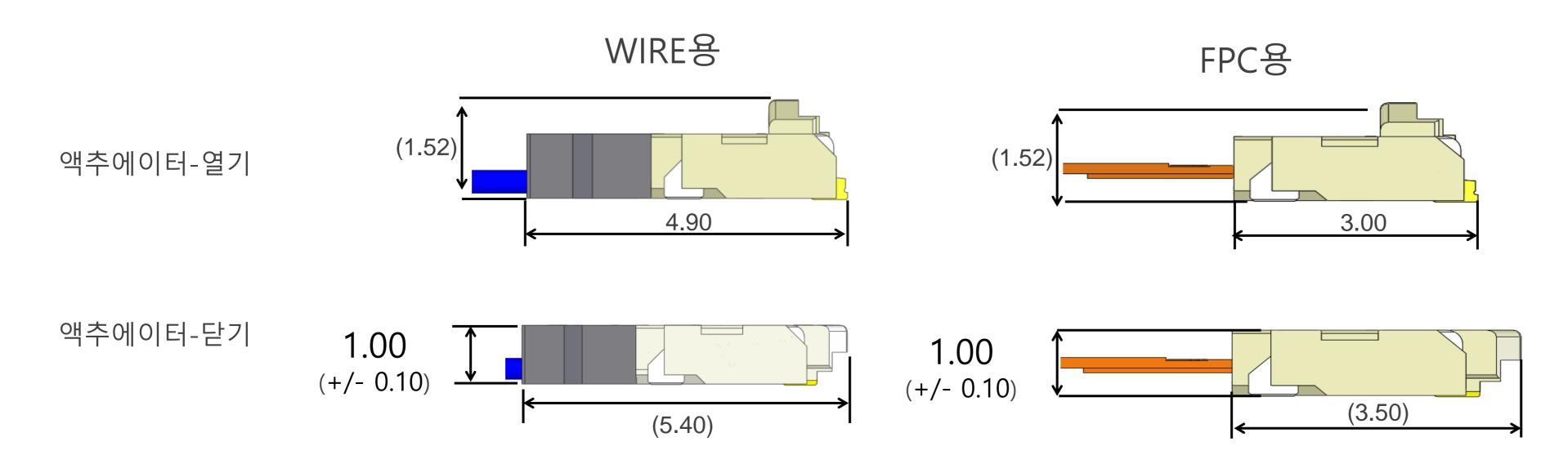
*기재가 되어있지 않은 핀 수의 대응 여부에 대해서는 문의해 부탁 드립니다.

FPC나 개별 전선으로 결합이 가능한 하이브리드 커넥터

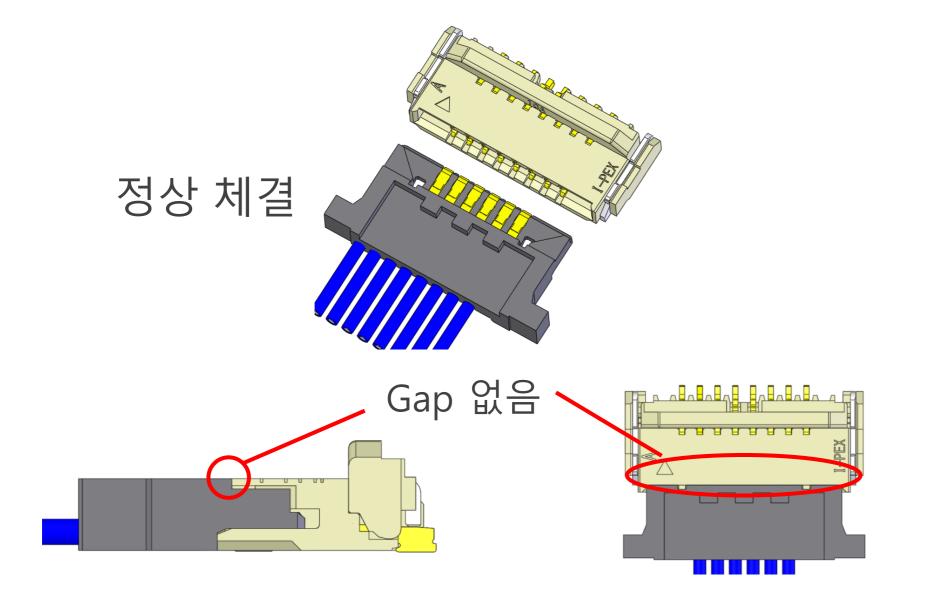


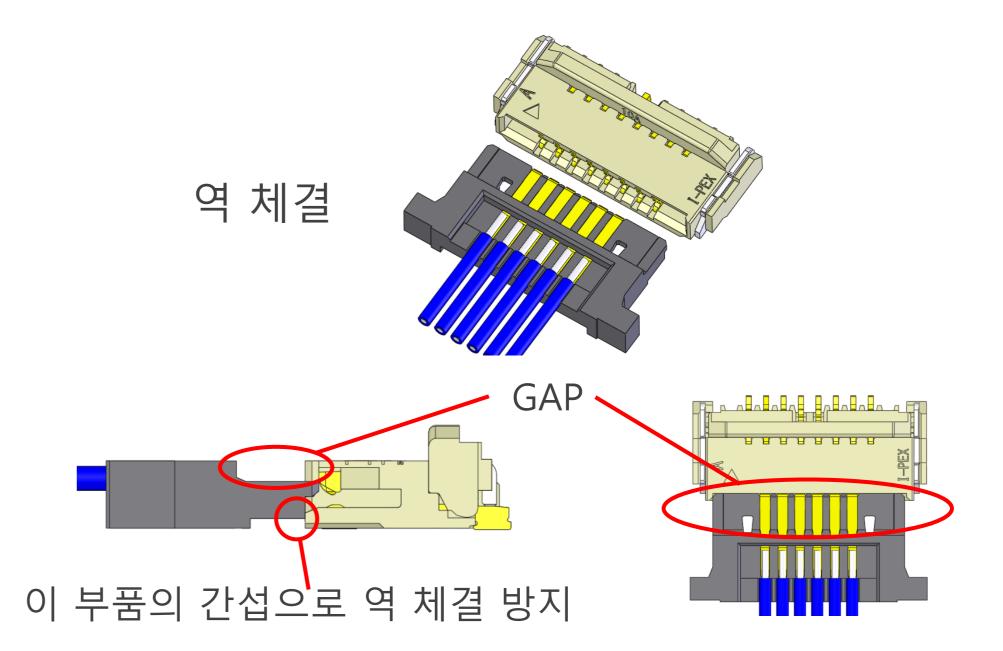
> 동급 최소인 1.0 mm 높이

1.0 mm 의 낮은 높이, 세계 최소 사이즈 구현(6 Pin)



오삽입 방지 형상에 의한 작동 오류 감소

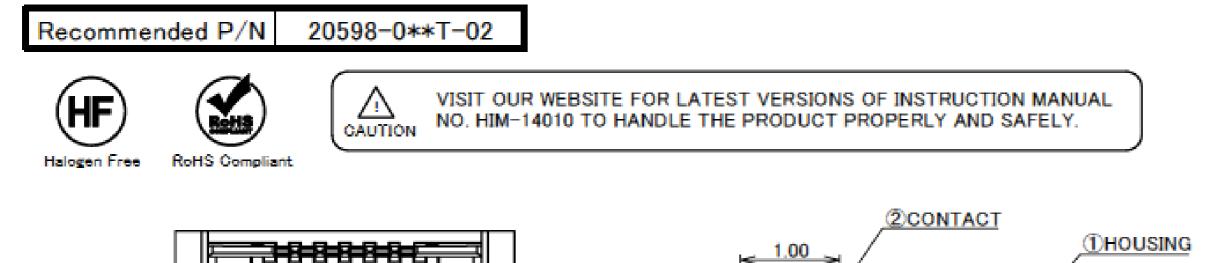






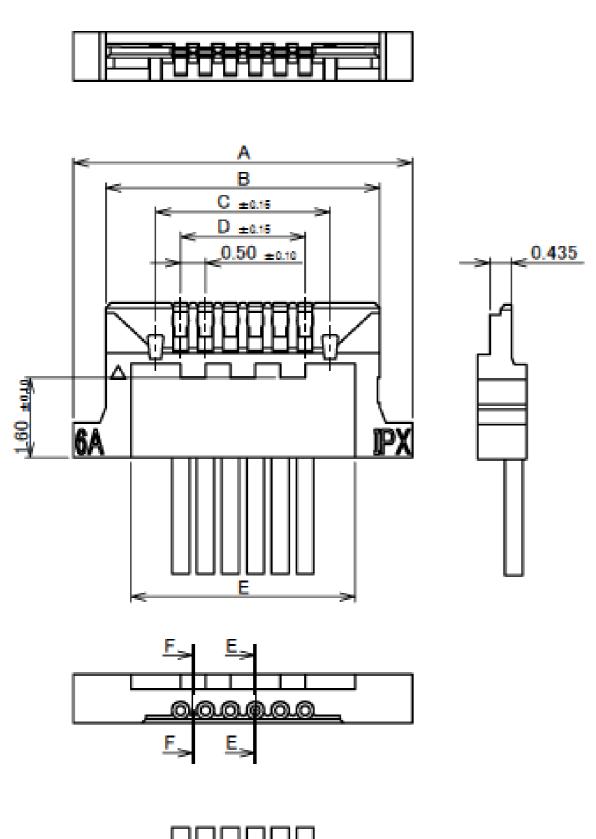
Component Parts Details

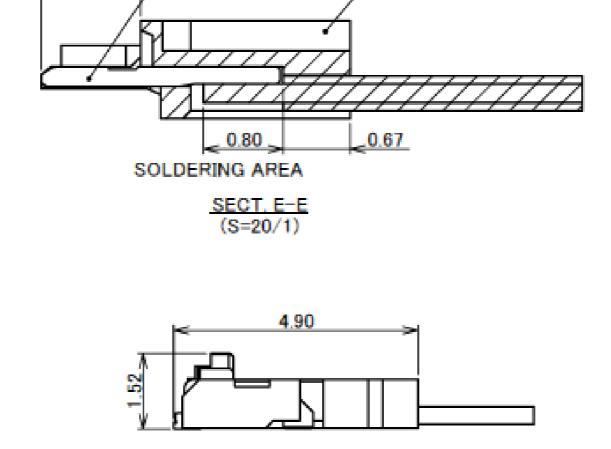
Plug for Cable Assembly



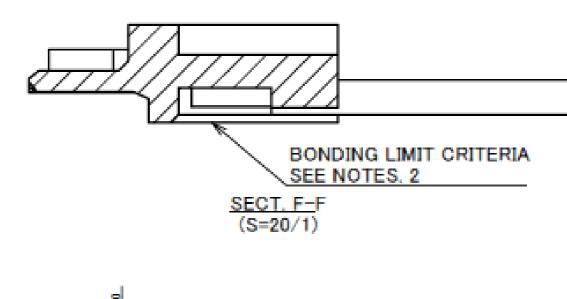
BONDING AREA

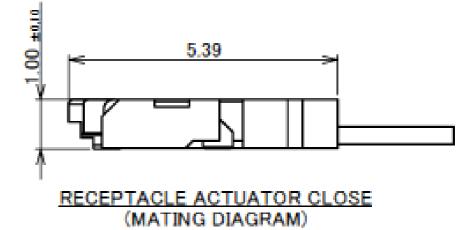
PART No.	POS.	Α	В	С	D	Е	
20598-006T-02	6	6.80	5.50	3.50	2.50	4.50	
20598-008T-02	8	7.80	6.50	4.50	3.50	5.50	
20598-010T-02	10	8.80	7.50	5.50	4.50	6.50	
◆20598-020T-02	20	13.80	12.50	10.50	9.50	11.50	
♦MARK MEANS NOT AVAILABLE							





(MATING DIAGRAM)





NOTES.

1. DO NOT PULL THE CABLE WHEN UN-MATING CONNECTORS
2. BONDING MUST NOT EXCEED THE LIMIT CRITERIA

TABLE. 1		
PART NO.	FINISH	
DOEDD ONT OD	CONTACT AREA: Au 0.1 µm MIN. OVER Ni 1.0 µm MIN.	
20598-0**T-02	SOLDERING AREA: Au 0.03 µm MIN. OVER Ni 1.0 µm MIN.	

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



Plug for Cable Assembly

PART No.	POS.	D							D+0				
20598-006T-02	6	2.50				<			D+2.				->
20598-008T-02	8	3.50		0.50		1	<		U ±	1.2	-	>	LAMINATE TAPE
20598-010T-02	10	4.50		<u>0,50</u> ±0.1	\dashv			-					./
◆20598-020T-02	20	9.50			ŀ							+	<u> </u>
◆MARK MEANS N	IOT AVAI	LABLE	<u>Φ0.20 -0.05</u> (AFTER SOLDERING- COAT)	- (<u>*</u> ~ *)		0.80 +0.1							CENTER CONDUCTOR (SOLDERING COAT) CUT LINE INSULATOR
				50 #				¦	i		i	i I	

DISCRETE CABLE AWG#34

RECOMMENDED DISCRETE CABLE DIMENSION

D+1.5 -0.0

ITEMS	SPECIFICATION
APPLICABLE CABLE	DISCRETE: AWG#34
RATING VOLTAGE	50V AC (PER CONTACT)
RATING AMPERAGE	0.7A DC [AWG#34] (PER CONTACT)
OPERATING TEMPERATURE	233~358K(-40°C~85°C)
OPERATING HUMIDITY	80% MAX.
CONTACT RESISTANCE	INITIAL: 40mohm MAX. / AFTER TEST: ∠20mohm MAX.
INSULATION RESISTANCE	INITIAL: 1000Mohm MIN. / AFTER TEST: 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL/ 20TH CYCLES: $0.6N(61gf) \times (n + 2) MAX$.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL/ 20TH CYCLES: $0.05N(5gf) \times (n + 2)$ MIN.
PLUG RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL: $0.15N(15gf) \times n + 2.0N MIN. / AFTER TEST: 0.15N(15gf) \times n + 1.0N MIN.$
PRODUCT SPECIFICATION	PRS-1880
TEST REPORT	TR-13103
PACKING STANDARD	PST-14006
INSTRUCTION MANUAL	HIM-14010
ASSEMBLY MANUAL	ASM-12002
APPEARANCE CRITERIA No.	QLS-A***

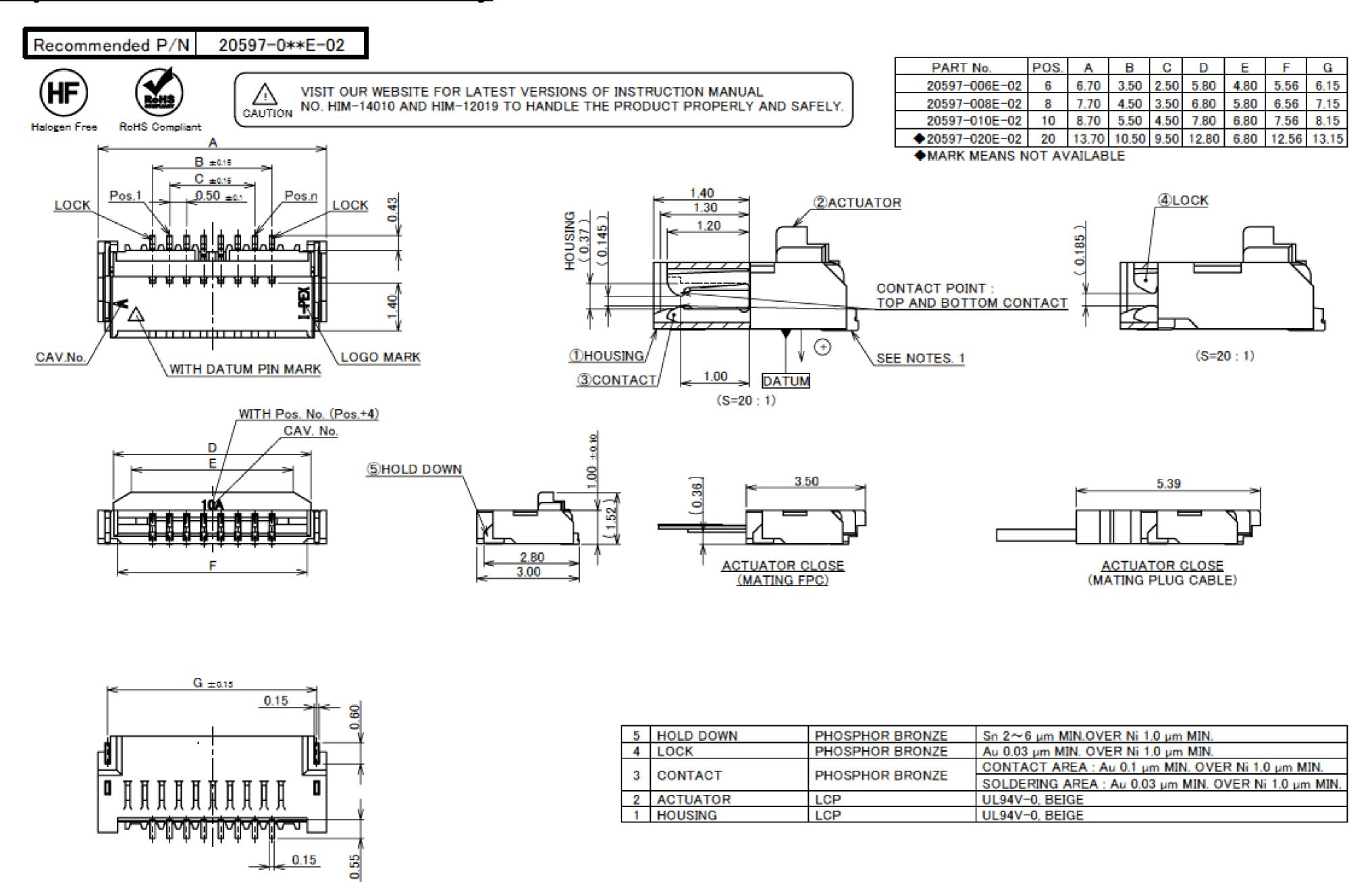
% "n" IS THE NUMBER OF PIN

LAMINATE TAPE



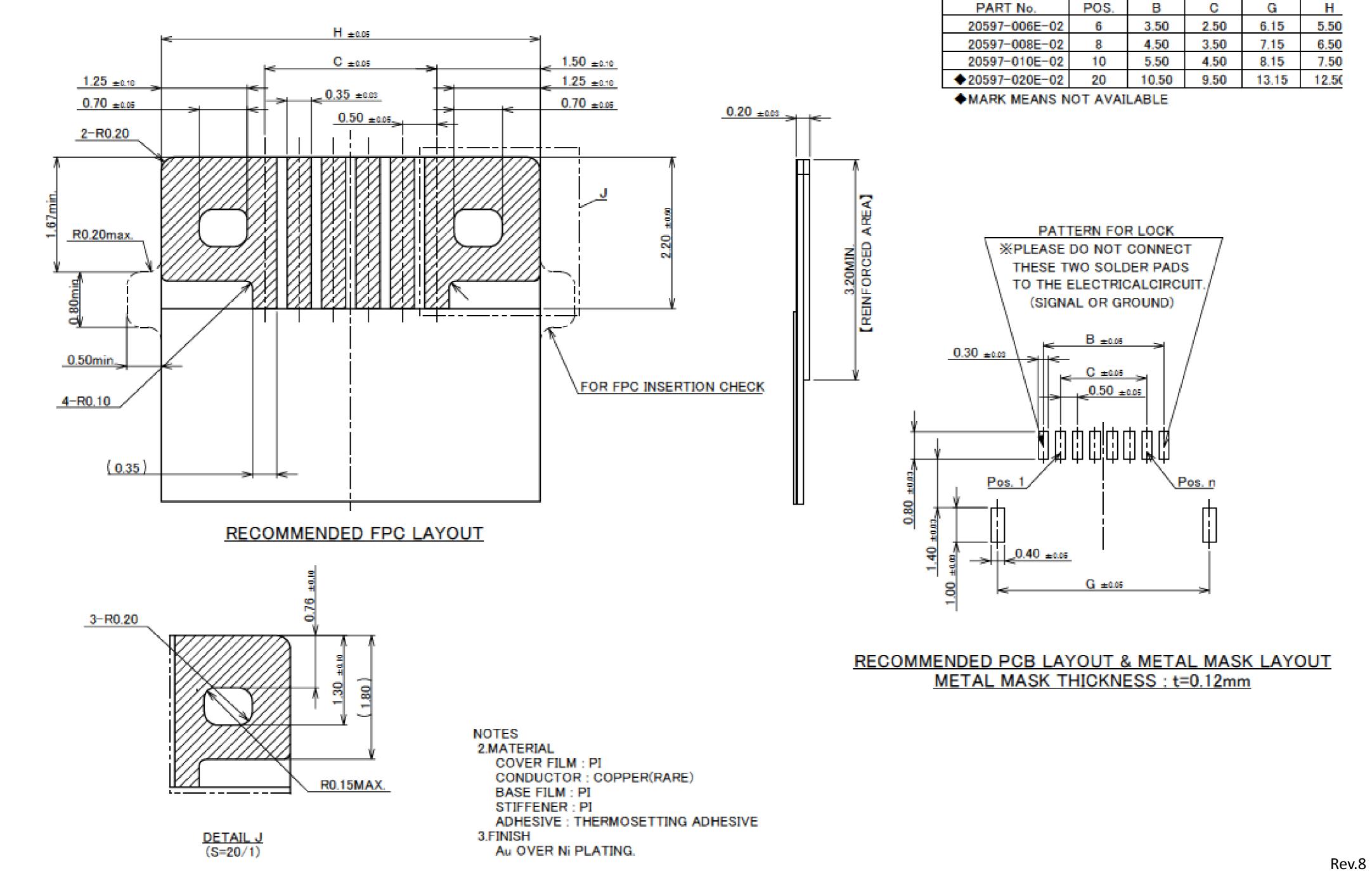
Rev.4

Receptacle for Cable Assembly

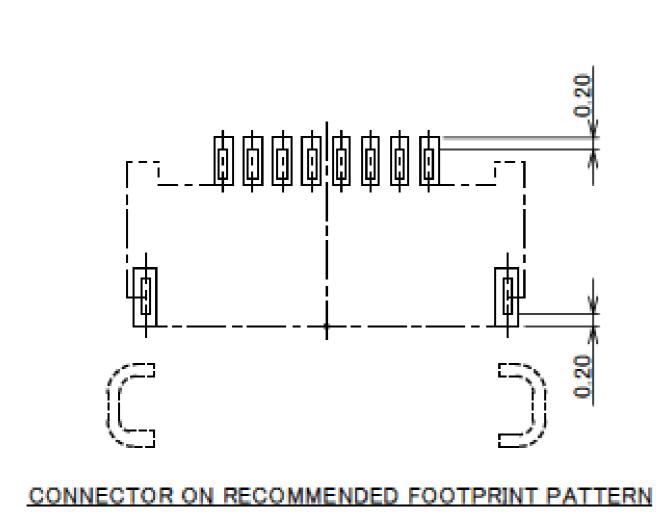


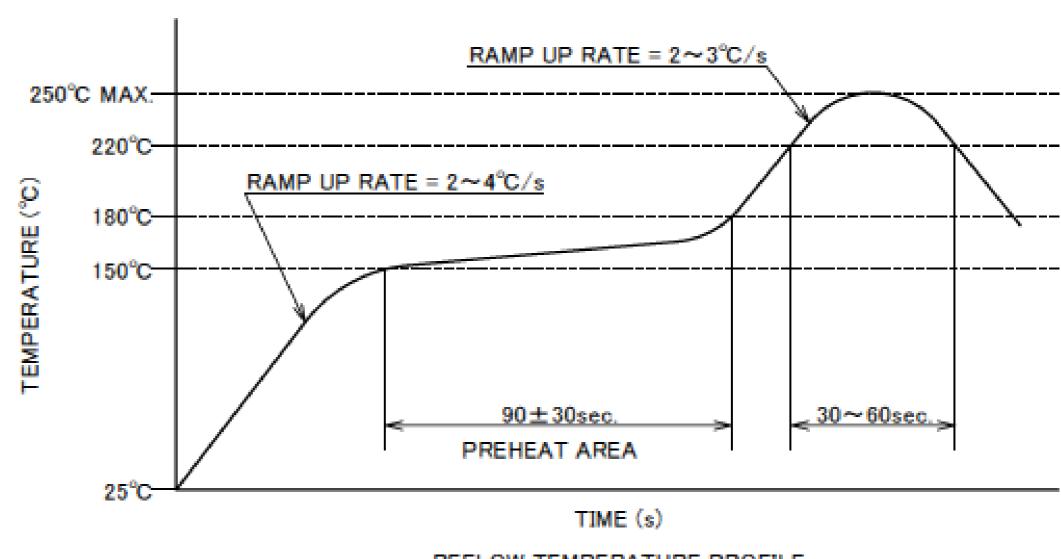
NOTES
1. CONTACT TAIL IS PROJECTION FROM HOUSING IN THE + DIRECTION. (0~0.06)

Rev.8



Receptacle for Cable Assembly





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

Rev.8

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC (PER CONTACT)
RATING AMPERAGE	0.5A DC [FPC] (PER CONTACT) 0.7A DC [AWG#34] (PER CONTACT)
OPERATING TEMPERATURE	233~358K(-40°C~85°C)
OPERATING HUMIDITY	80% MAX.
CONTACT RESISTANCE	INITIAL: 40mohm MAX. / AFTER TEST: 20mohm MAX.
INSULATION RESISTANCE	INITIAL: 1000Mohm MIN. / AFTER TEST: 500Mohm MAX. (PLUG CABLE) 100Mohm MIN. (FPC)
DIELECTRIC WITHSTANDING VOLTAGE	AC200V 1min
DURABILITY	20TH CYCLES
ACTUATOR LOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL/ 20TH CYCLES: 0.6N(61gf) × (n + 2) MAX.
ACTUATOR UNLOCKING FORCE (INITIAL / 20TH CYCLES)	INITIAL/ 20TH CYCLES: $0.05N(5gf) \times (n + 2) MIN$.
PLUG AND FPC RETENTION FORCE (INITIAL / AFTER TEST)	INITIAL: $0.15N(15gf) \times n + 2.0N MIN. / AFTER TEST: 0.15N(15gf) \times n + 1.0N MIN.$
COPLANARITY	0.08 MAX.
PRODUCT SPECIFICATION	PRS-1880
TEST REPORT	TR-13103
PACKING STANDARD	PST-13047
INSTRUCTION MANUAL	HIM-14010 (FOR MATING PLUG CABLE) HIM-12019 (FOR MATING FPC)
APPEARANCE CRITERIA No.	QLS-A***

% "n" IS THE NUMBER OF PIN



Custom
Connectors
Available

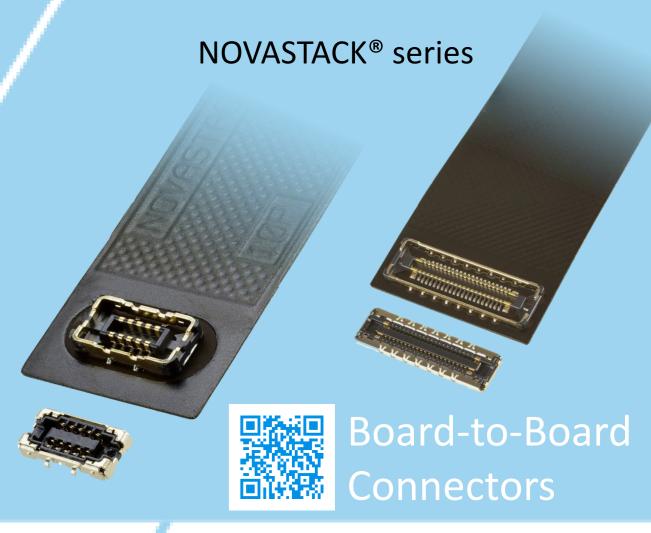




AP series

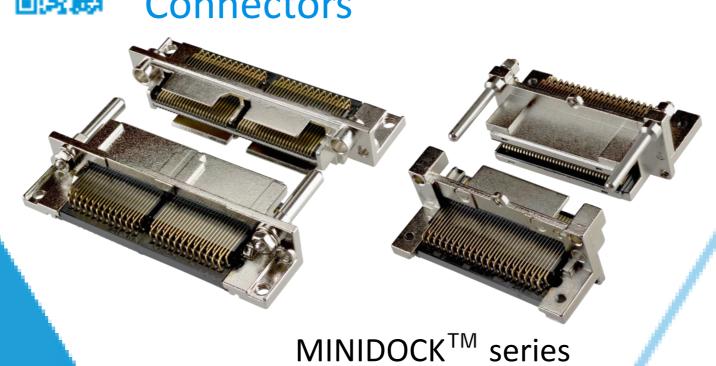






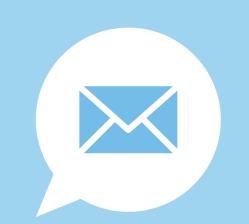
MINIFLEX® series











EVAFLEX® series



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