

EVAFLEX® 5-SE

オートロック、水平嵌合、0.5 mmピッチ、FFC/FPCコネクタ

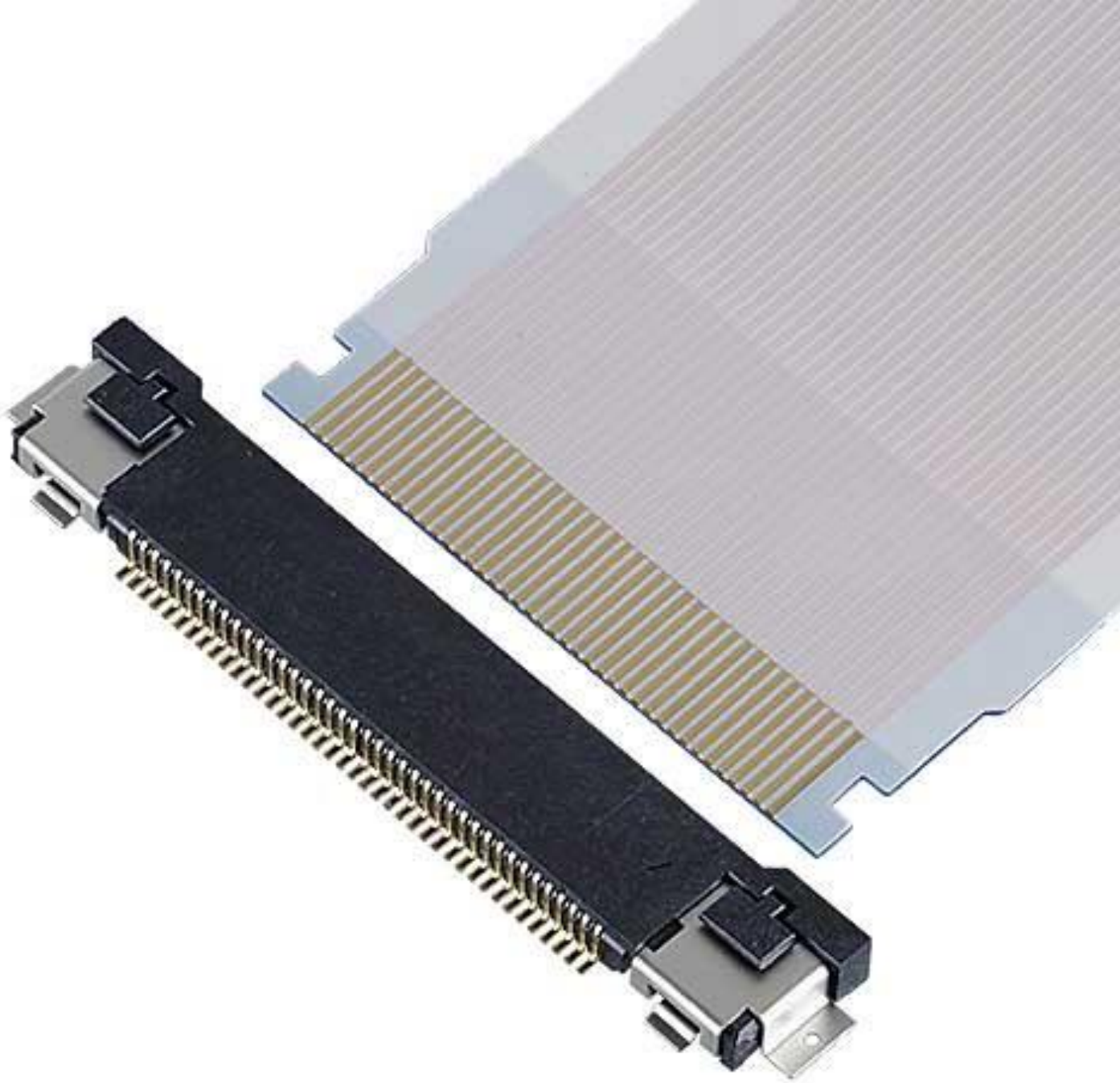
Product Specifications:

Board Pitch (mm)	0.5
Wiping Length (mm)	1.45
Size (mm)	Height 2.40 +/- 0.20
	Width Formula: 13.10 + (0.5*?p)
	Depth 5.90 +/- 0.20
Pin counts	Range 10 – 60
	Available 10, 15, 22, 30, 40, 45, 50, 60

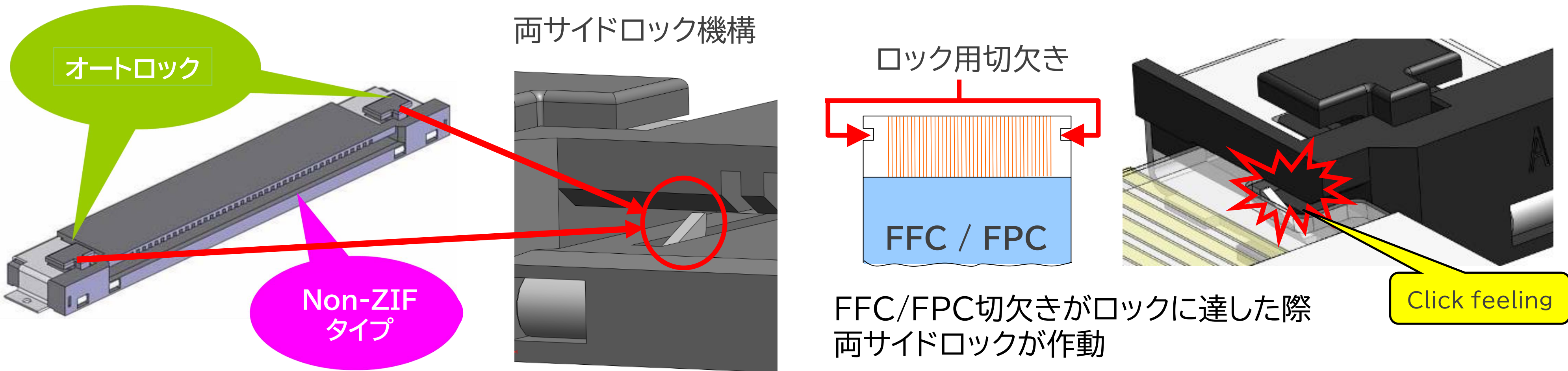
*記載のない極数の対応状況についてはお問い合わせください。

Applicable FPC/FFC:

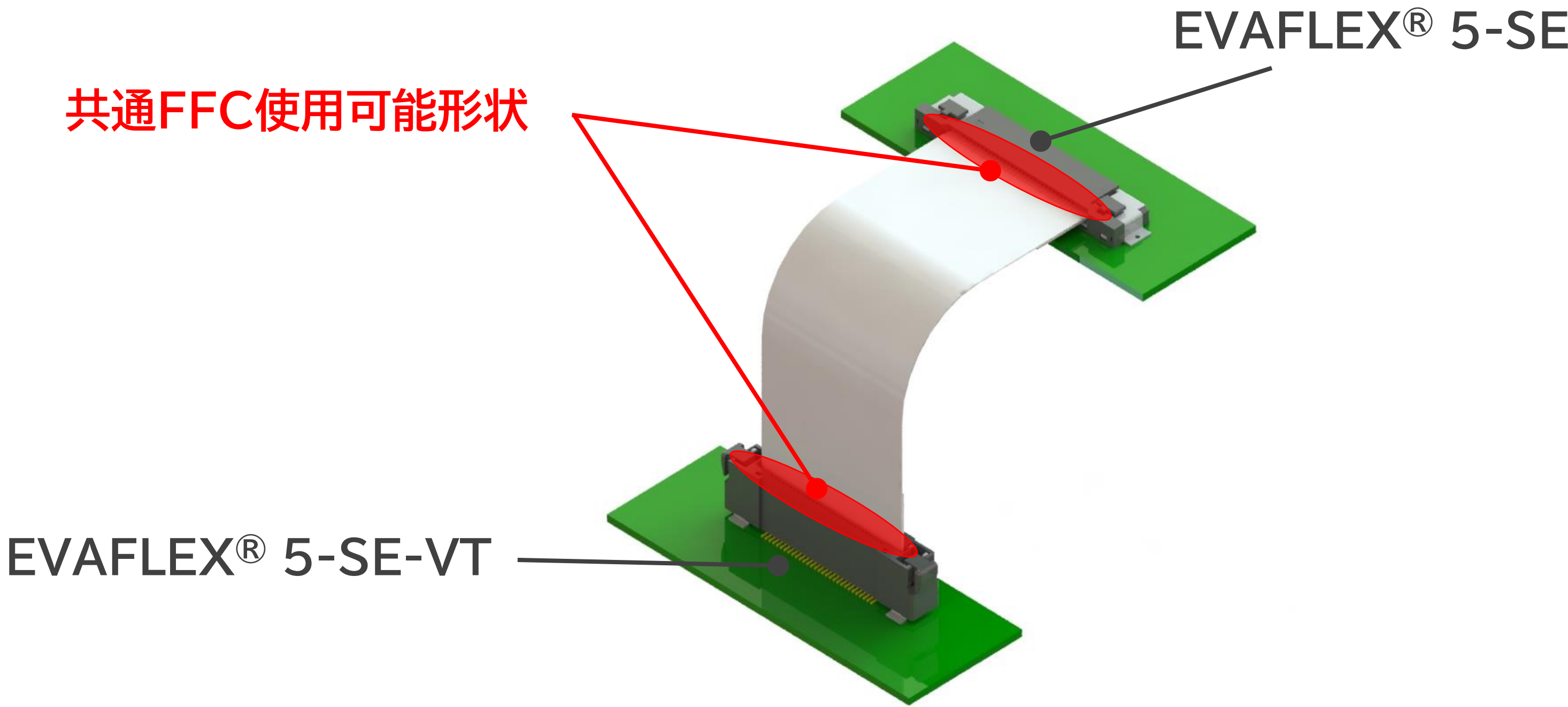
FPC/FFC Type	Non-shielded FFC/FPC
FPC/FFC Contact Point	Top
FPC/FFC Thickness (mm)	FFC : 0.30 +/- 0.05
	FPC : 0.30 +/- 0.03



▶ 作業性に優れたオートロックデザイン。手作業やロボットでの組立作業に最適



▶ 同じFFCを使用できる縦型(EVAFLEX® 5-SE-VT)のオプションあり



▶ 拡張性の高いEVAFLEX®シリーズでオートロックを始め様々なオプションに対応

高速伝送 & 高温 (125℃)対応コネクタ: EVAFLEX® 5-SE-G HT

	EVAFLEX® 5-SE-G HT
Height (mm)	6.60 +/- 01
Operation Temperature	up to 125°C
Reference Performance	V-by-one HS 1.4 (4+ Gbps)

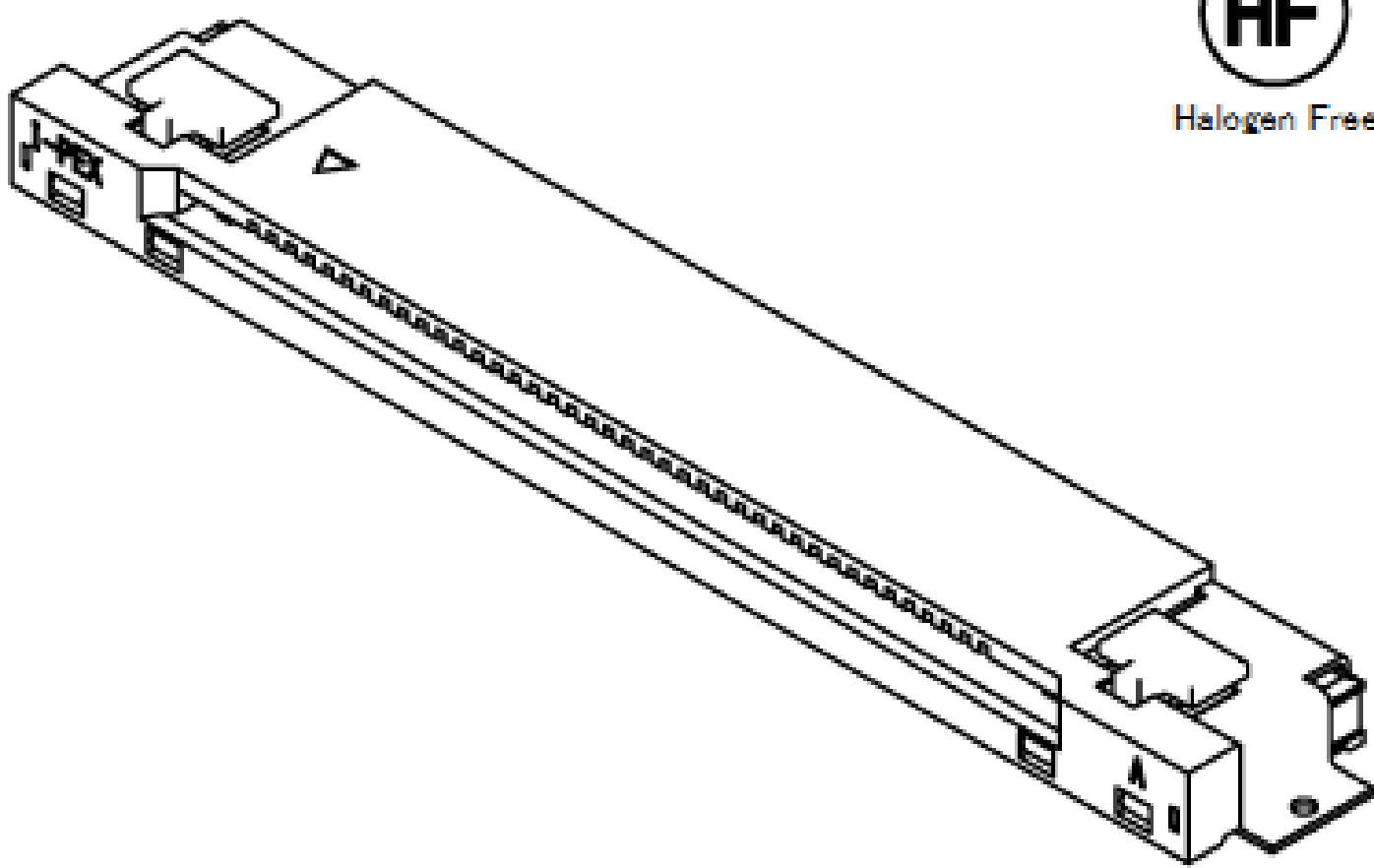
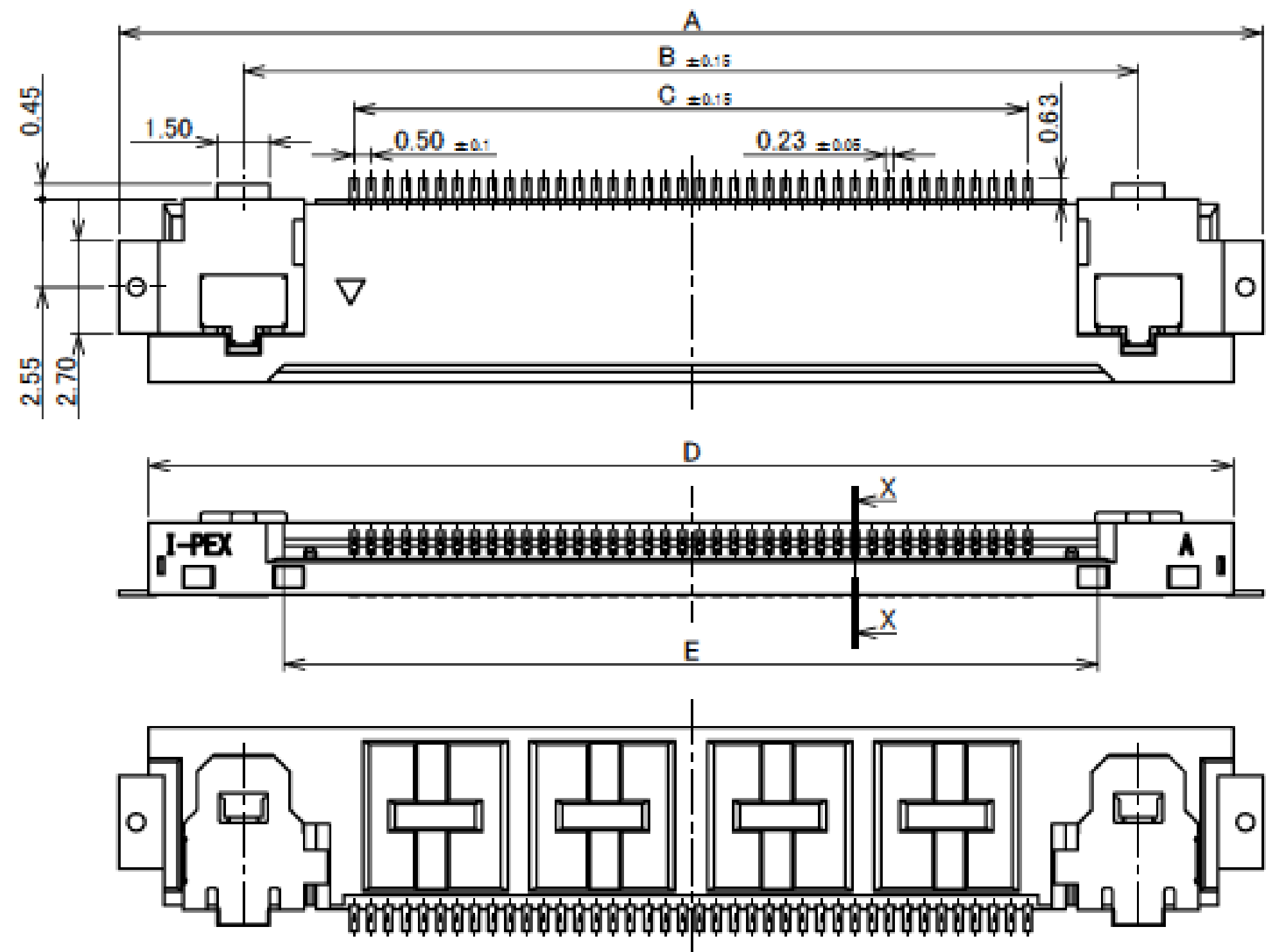


Component Parts Details

Connector Assembly

Recommended P/N		20526-0**E-01				
PART NO.	Pos.	A	B	C	D	E
20526-010E-01	10	18.10	10.90	4.50	16.40	8.56
20526-015E-01	15	20.60	13.40	7.00	18.90	11.06
20526-022E-01	22	24.10	16.90	10.50	22.40	14.56
20526-030E-01	30	28.10	20.90	14.50	26.40	18.56
20526-040E-01	40	33.10	25.90	19.50	31.40	23.56
20526-045E-01	45	35.60	28.40	22.00	33.90	26.06
20526-050E-01	50	38.10	30.90	24.50	36.40	28.56
◆20526-055E-01	55	40.60	33.40	27.00	38.90	31.06
20526-060E-01	60	43.10	35.90	29.50	41.40	33.56

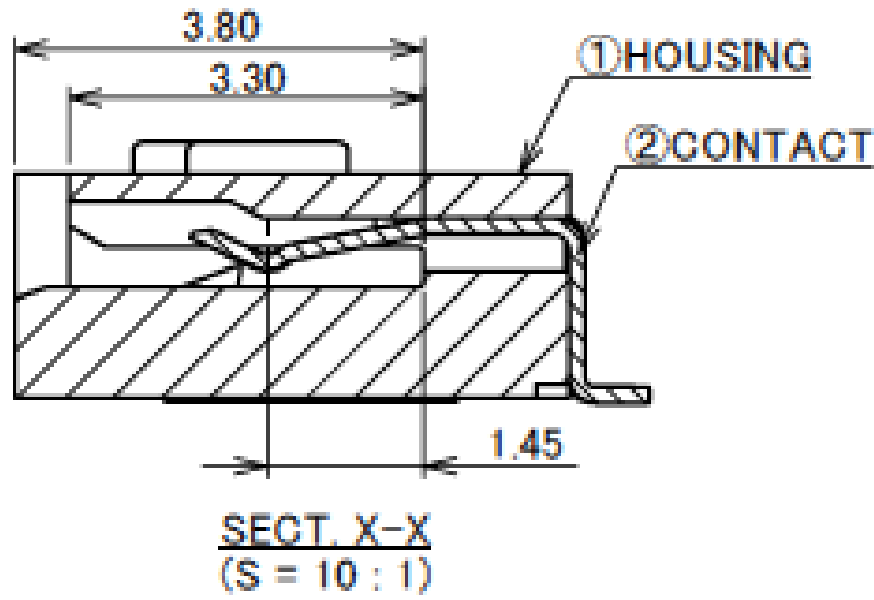
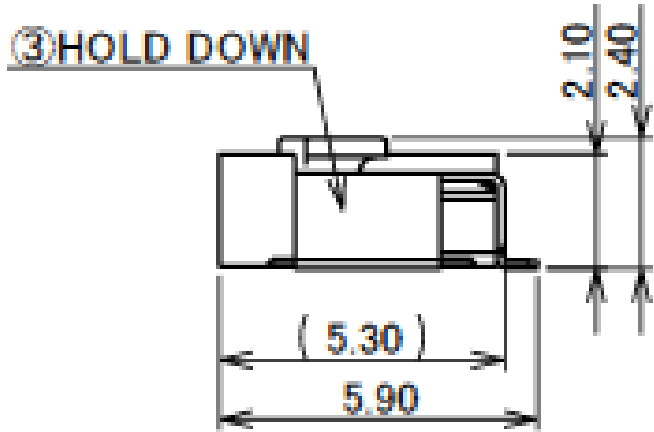
◆ MARK MEANS NOT AVAILABLE



Halogen Free



RoHS Compliant

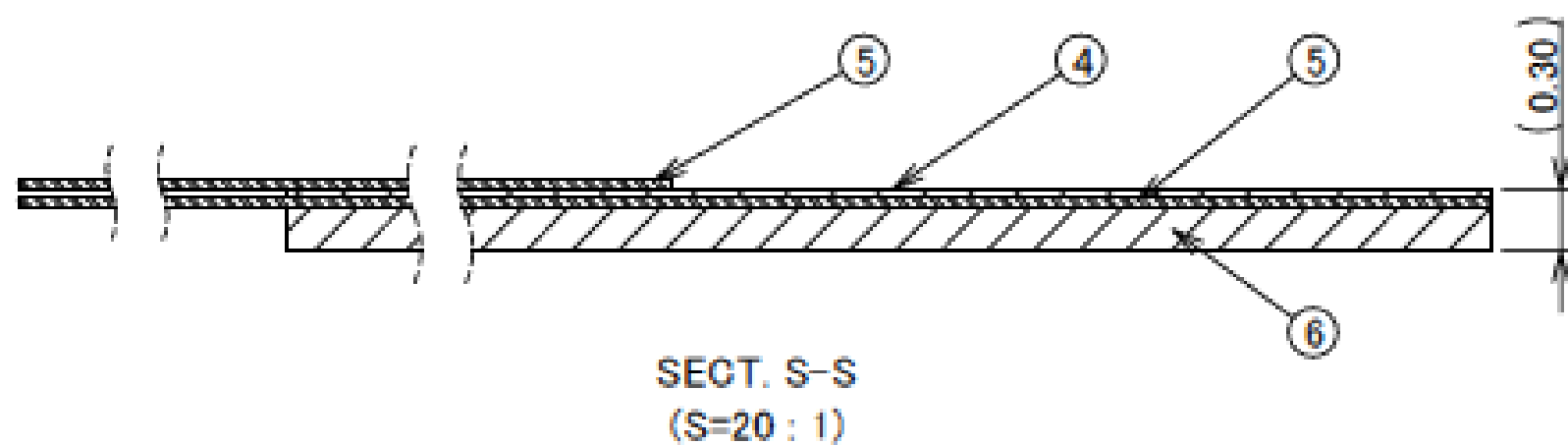
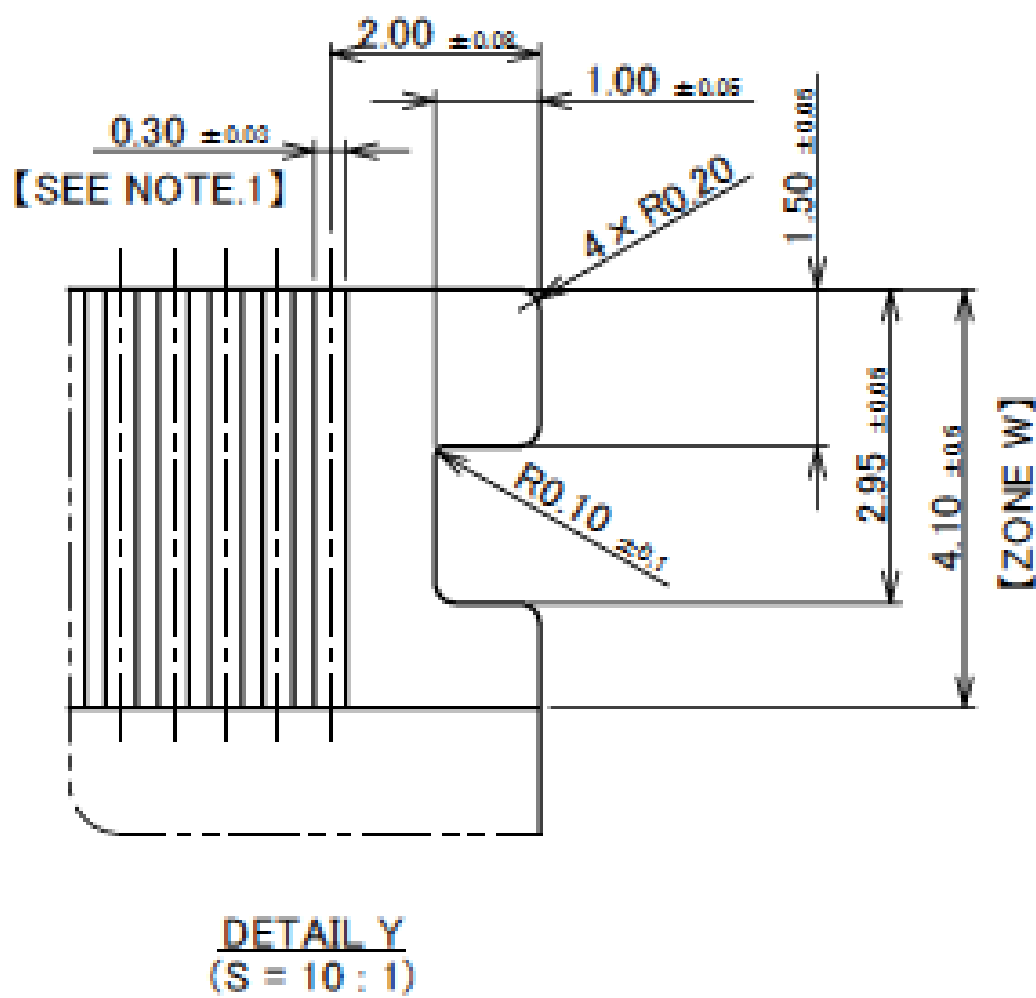
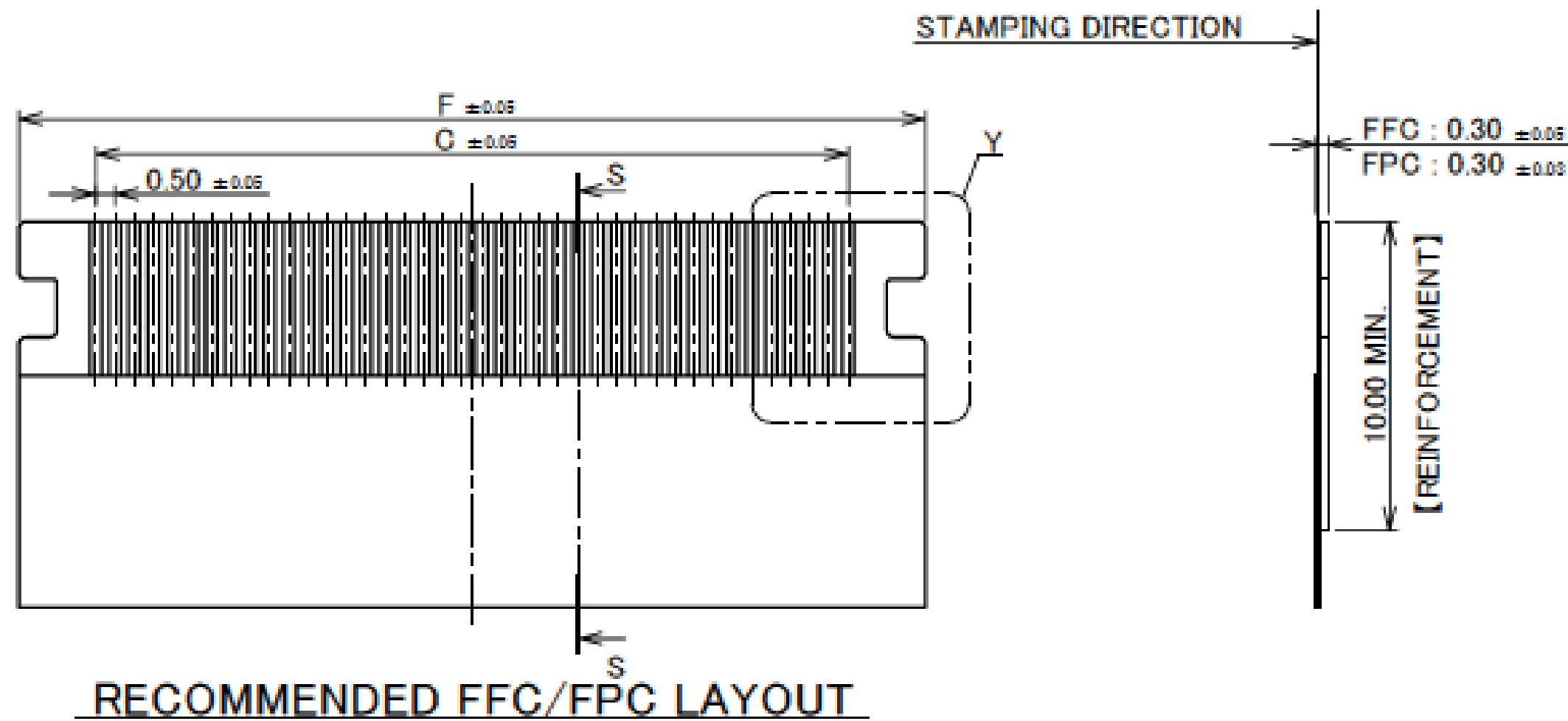


3	HOLD DOWN	PHOSPHOR BRONZE	SOLDERING AREA : Sn 2.00 μ m MIN. OVER Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	CONTACT AREA : Au 0.10 μ m MIN. OVER Ni 1.00 μ m MIN. SOLDERING AREA : Au 0.03 μ m MIN. OVER Ni 1.00 μ m MIN.
1	HOUSING	LCP	UL94V-0 BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Connector Assembly

Recommended P/N		20526-0**E-01		
PART NO.	Pos.	C	F	
20526-010E-01	10	4.50	8.50	
20526-015E-01	15	7.00	11.00	
20526-022E-01	22	10.50	14.50	
20526-030E-01	30	14.50	18.50	
20526-040E-01	40	19.50	23.50	
20526-045E-01	45	22.00	26.00	
20526-050E-01	50	24.50	28.50	
◆20526-055E-01	55	27.00	31.00	
20526-060E-01	60	29.50	33.50	

◆MARK MEANS NOT AVAILABLE



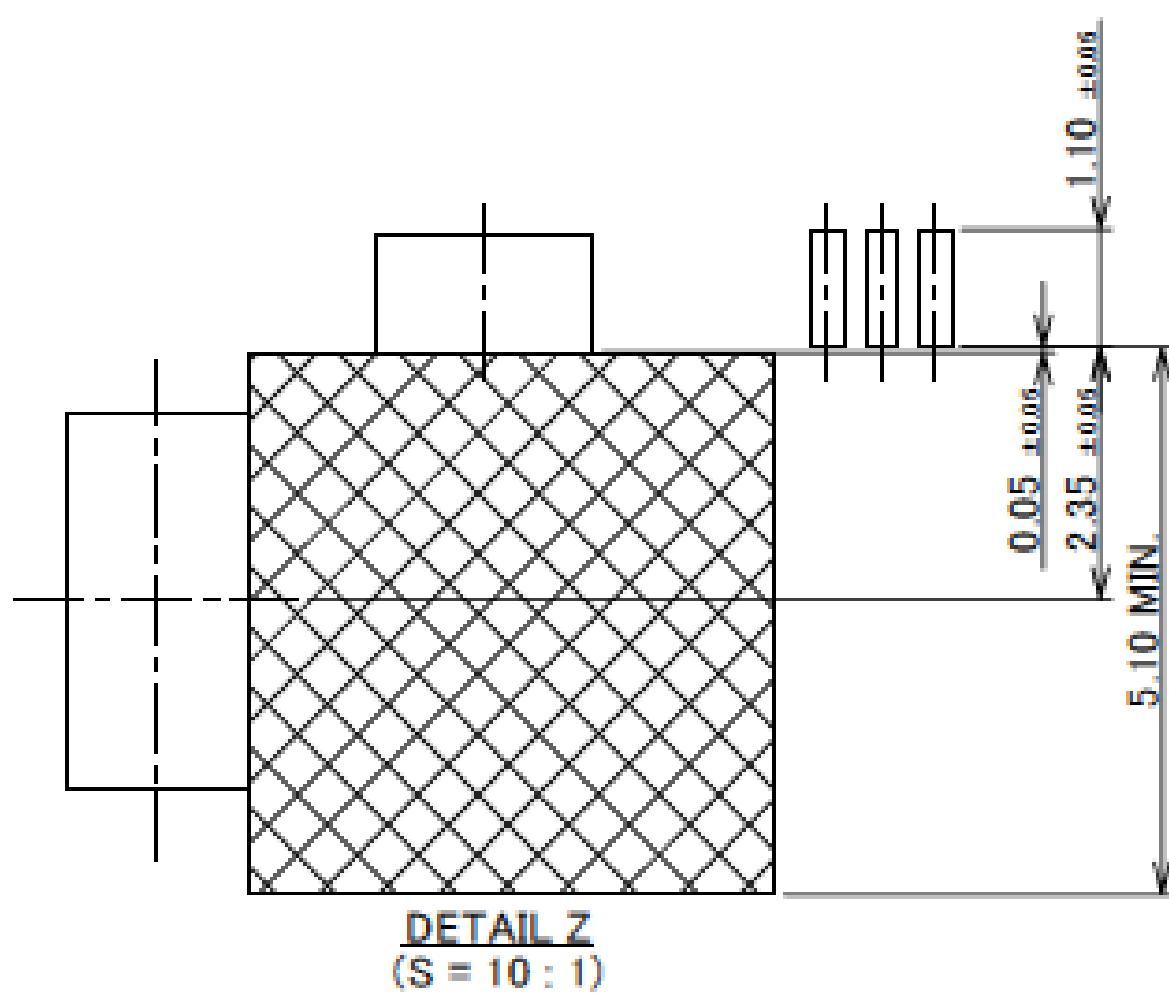
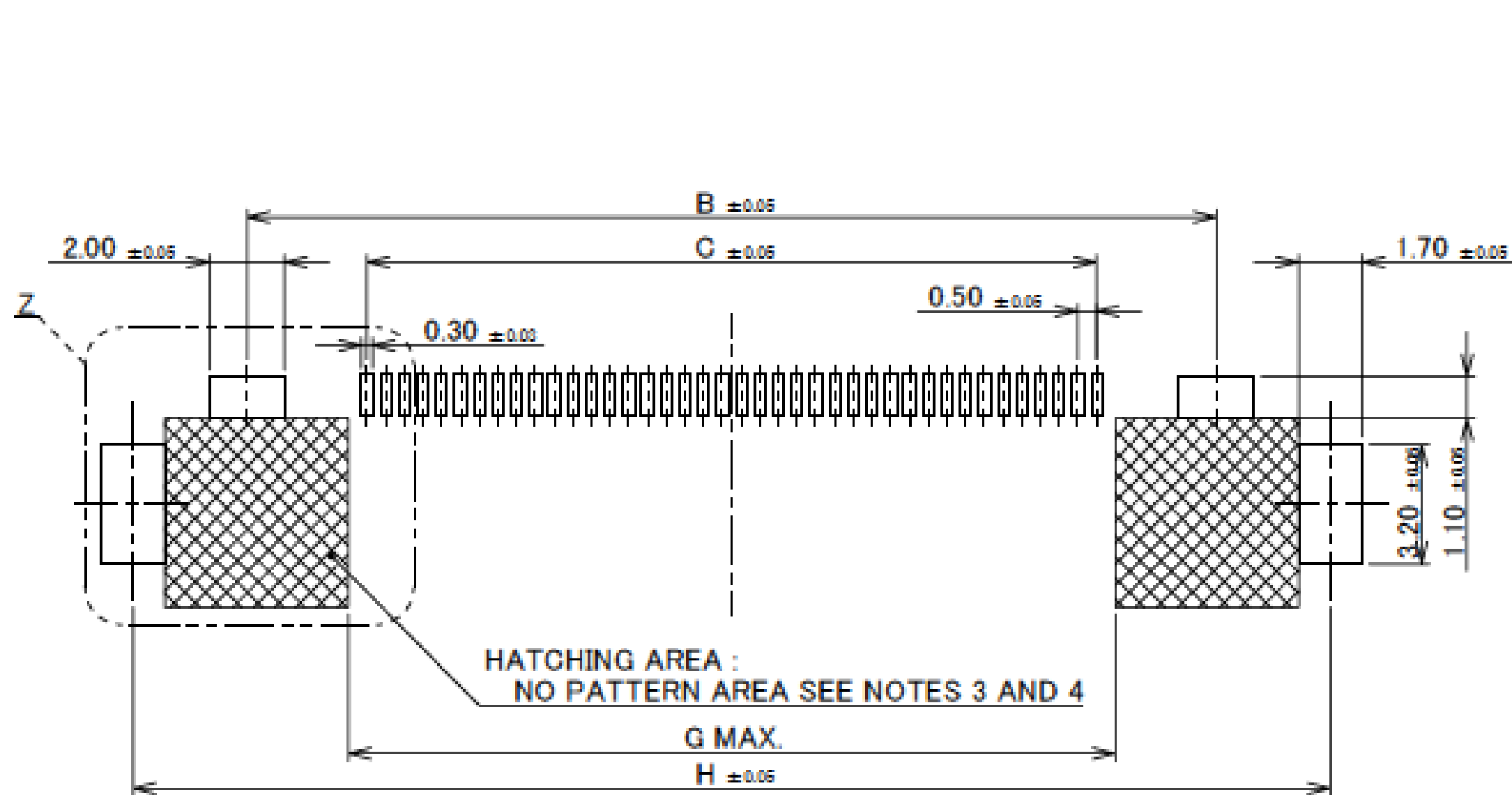
6	REINFORCED TAPE	ARBITRARY	
5	INSULATION FILM	ARBITRARY	
4	CONDUCTOR	COPPER ALLOY	CONTACT AREA: Au 0.05 μ m MIN. OVER Ni 0.5 μ m MIN.
NO.	DISCRIPTION	MATERIAL	FINISH

NOTES.
1. CONTROL DIMENSION OF [ZONE W] WITH IN 0.30 $\pm$ 0.03
2. SELECT A MATERIAL WITH A SOFTENING TEMPERATURE OF 85°C OR HIGHER FOR THE PATTERN ADHESIVE PART OF FFC.

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Recommended P/N		20526-0**E-01				
PART NO.	Pos.	B	C	G	H	
20526-010E-01	10	10.90	4.50	5.50	17.00	
20526-015E-01	15	13.40	7.00	8.00	19.50	
20526-022E-01	22	16.90	10.50	11.50	23.00	
20526-030E-01	30	20.90	14.50	15.50	27.00	
20526-040E-01	40	25.90	19.50	20.50	32.00	
20526-045E-01	45	28.40	22.00	23.00	34.50	
20526-050E-01	50	30.90	24.50	25.50	37.00	
◆20526-055E-01	55	33.40	27.00	28.00	39.50	
20526-060E-01	60	35.90	29.50	30.50	42.00	

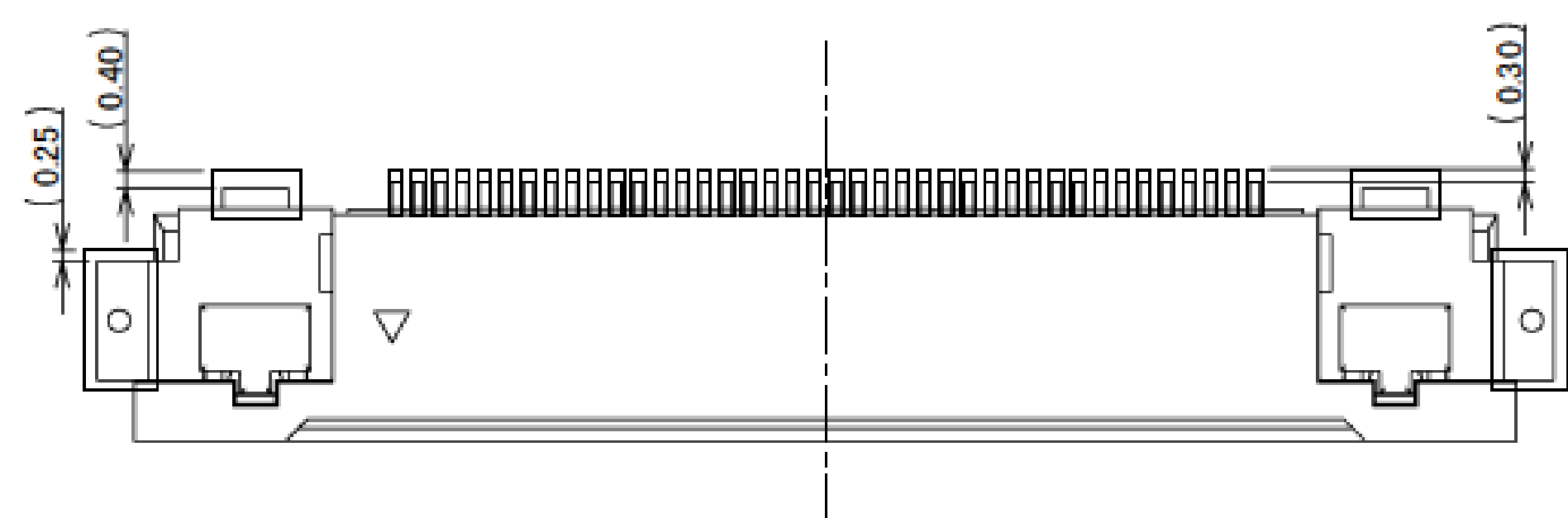
◆MARK MEANS NOT AVAILABLE



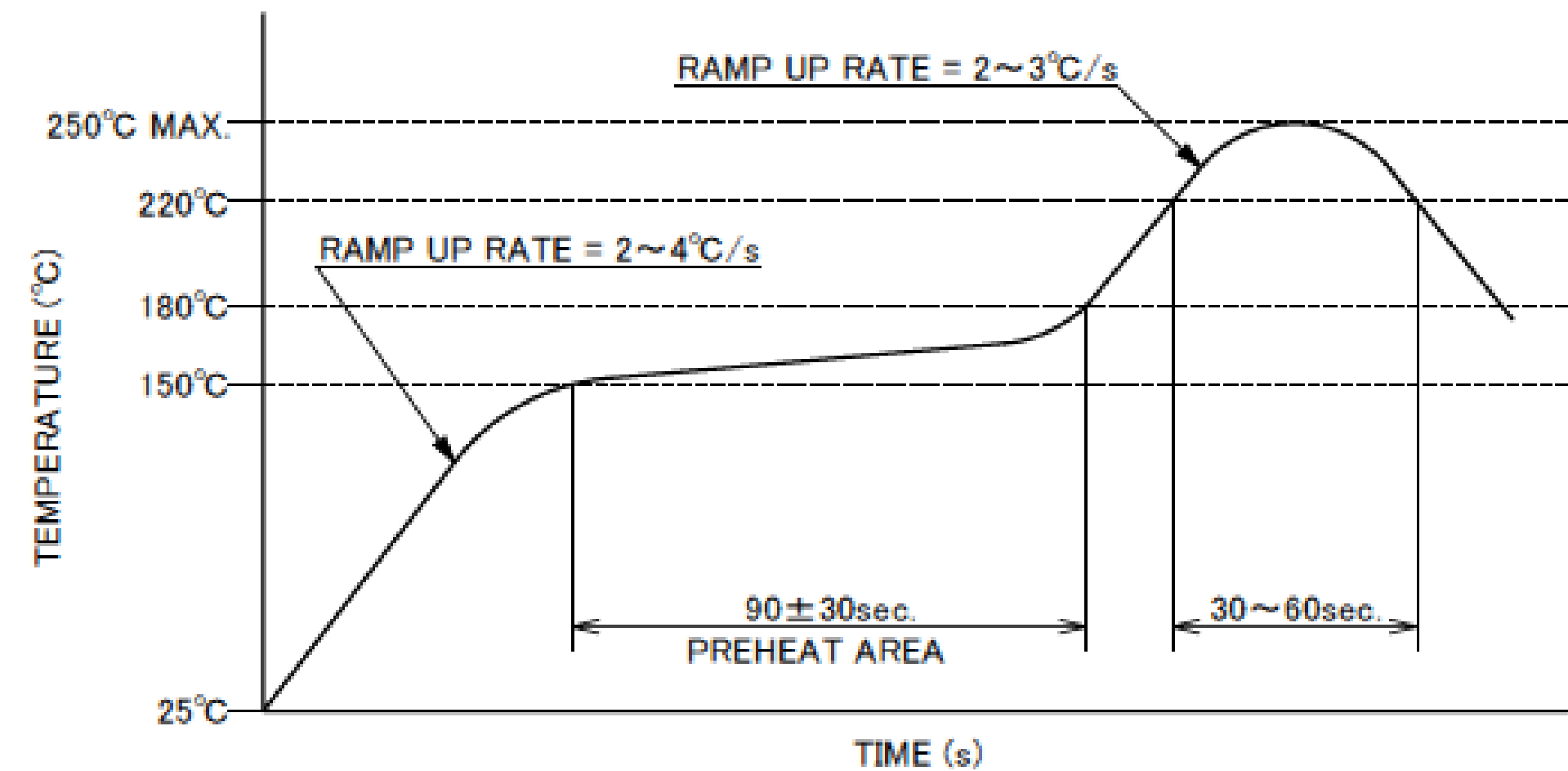
NOTES.
3. DO NOT MOUNT ANOTHER COMPONENTS IN THIS AREA.
4. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

Rev.14

Connector Assembly



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN



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

Rev.14

ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.50A AC/DC (PER CONTACT PIN) ※(AVAILABLE UP TO 15PIN) / 0.35A AC/DC(PER CONTACT PIN) ※(AVAILABLE FOR ALL PIN)
OPERATING TEMPERATURE	Using FFC : 233~358K(-40°C~+85°C) Using FPC : 233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 70mohm MAX. / AFTER TEST : ≦140mohm MAX.
INSULATION RESISTANCE	INITIAL : 500Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC 250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	10P : 6.0N MAX. 15P : 9.0N MAX. 22P : 13.2N MAX. 30P : 18.0N MAX. 40P : 24.0N MAX. 45P : 27.0N MAX. 50P : 30.0N MAX. 55P : 33.0N MAX. 60P : 36.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	10P : 0.90N MIN. 15P : 1.35N MIN. 22P : 1.98N MIN. 30P : 2.70N MIN. 40P : 3.60N MIN. 45P : 4.05N MIN. 50P : 4.50N MIN. 55P : 4.95N MIN. 60P : 5.40N MIN.
COPLANARITY	0.10mm MAX.
PRODUCT SPECIFICATION	PRS-1562
TEST REPORT	TR-10048
PACKING STANDARD	300-861
INSTRUCTION MANUAL	HIM-10008
APPEARANCE CRITERIA No.	QLS-A***

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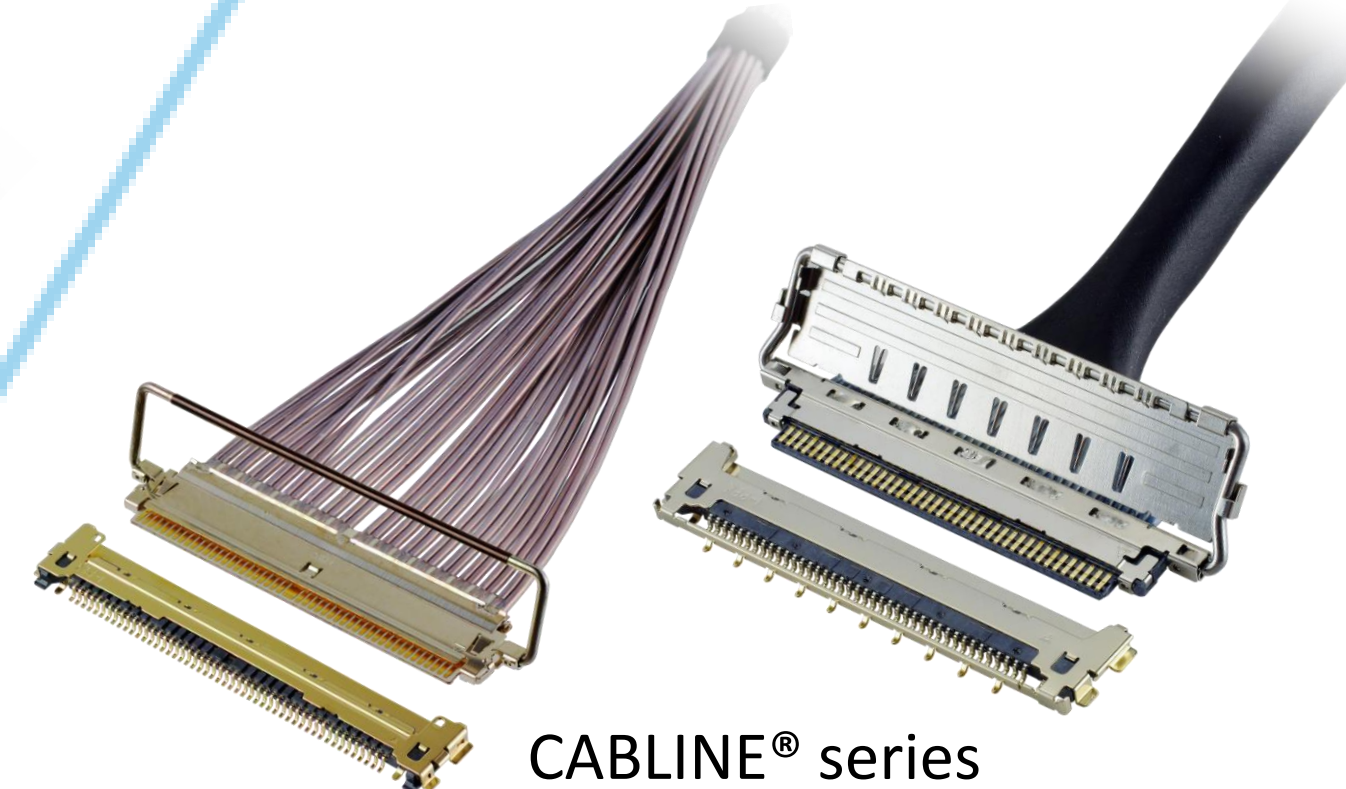
Custom Connectors Available

 RF
Connectors

MHF® series



Micro-coaxial/Twinax
Connectors

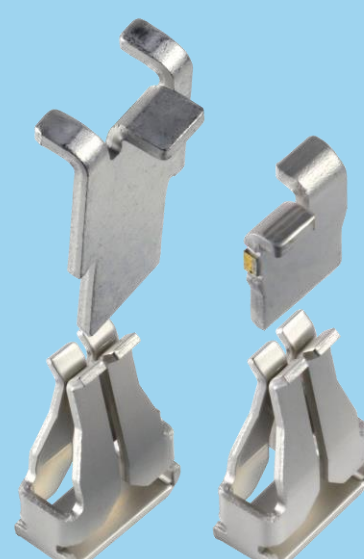


CABLINE® series

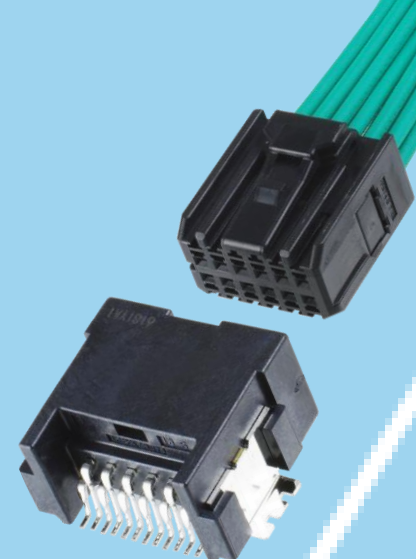


Wire-to-Board
Connectors/
Terminals

AP series



ISH® series



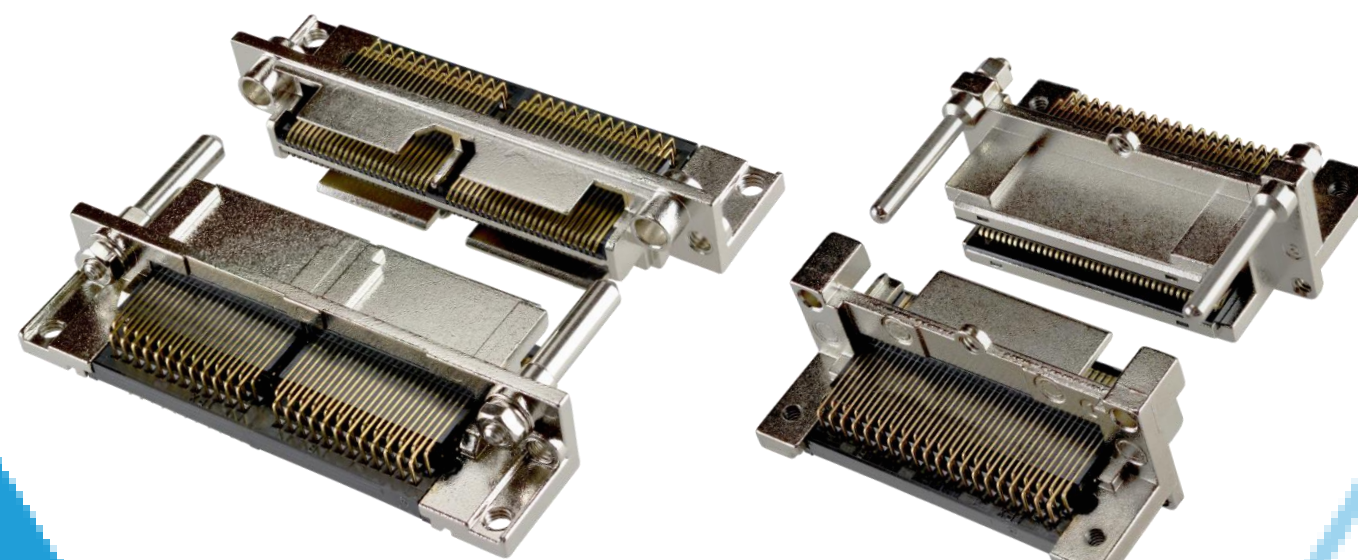
NOVASTACK® series



Board-to-Board
Connectors



I/O
Connectors



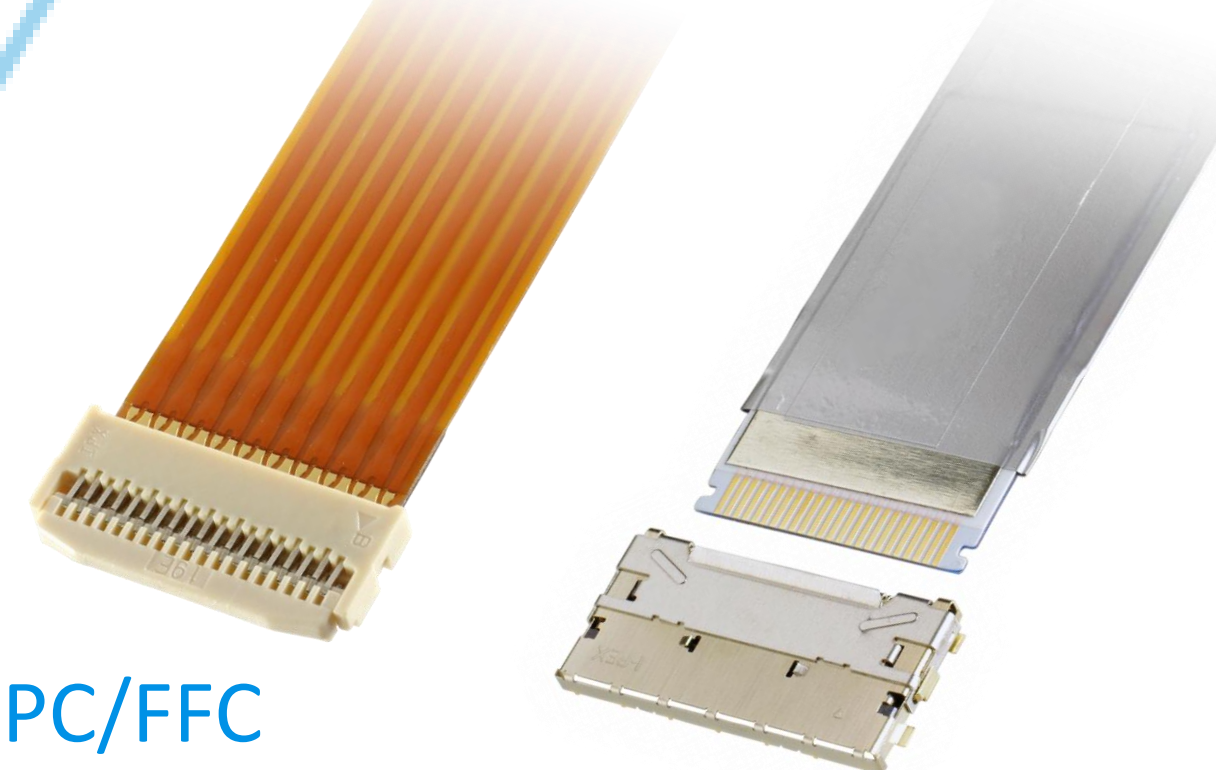
MINIDOCK™ series



FPC/FFC
Connectors

MINIFLEX® series

EVAFLEX® series



Inquiry



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