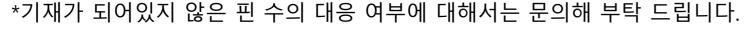
EVAFLEX® 5-SE-G VT

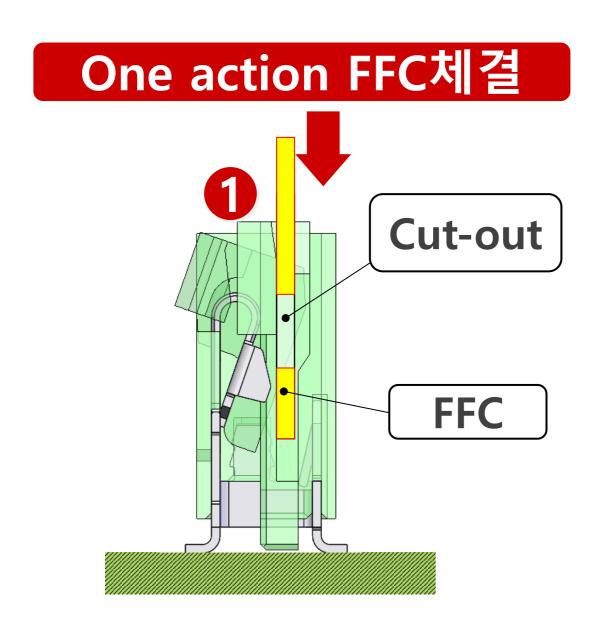
한 손 결합 작업에 대응 가능한 Auto-Lock, 고온대응(125℃), 고속 전송 대응,수직 결합, 0.5 mm Pitch, 쉴드 FFC/FPC

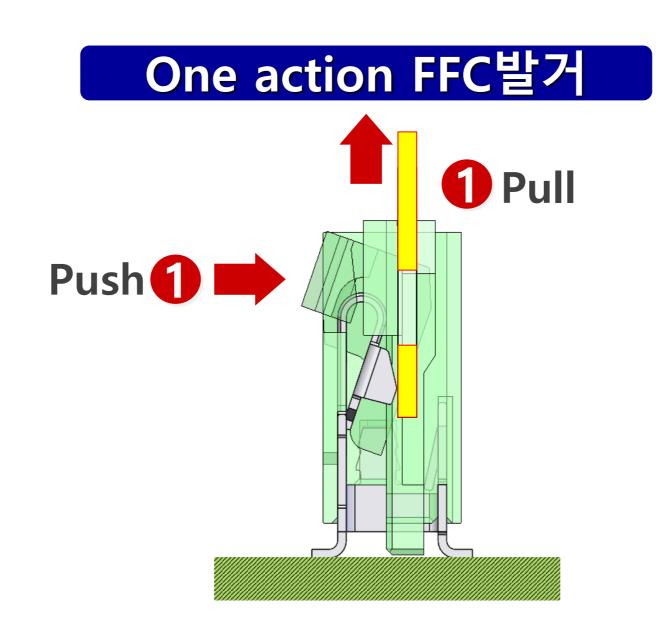
Product Specifications:			Applicable FPC/FFC:		
Board Pitch (mm)		0.5	FPC/FFC Type	Shielded FFC, Non-shielded FFC/FPC	
Wiping Length (mm)		1.2	FPC/FFC Type		
Size (mm)	Height	6.6 +/- 0.30	FPC/FFC Contact Point	Signal contact tail side	
	Width	Formula: 8.00 + (0.5*?p)	FPC/FFC Thickness (mm)	0.30 +/- 0.03	
	Depth	3.90 +/- 0.20	Applicable Standards (Reference Only):		
Pin counts	Range	20 - 60	eDP (2.7 Gbps) V-By-One HS 1.4 (4 Gbps) USCAR II Vibration & Shock V1		
	Available	20, 30, 40, 50, 60			

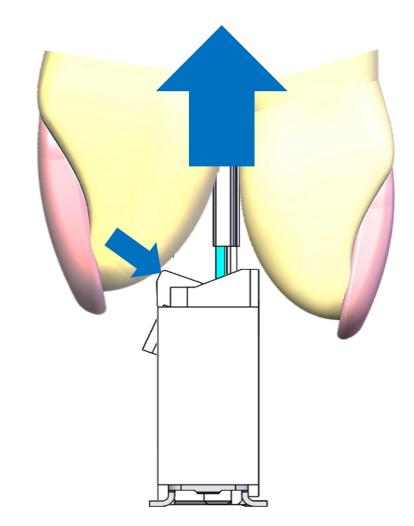




한 손으로 탈착 작업이 가능한 Auto-Lock 디자인, 수작업 또는 로봇에 의한 조립 작업에 최적



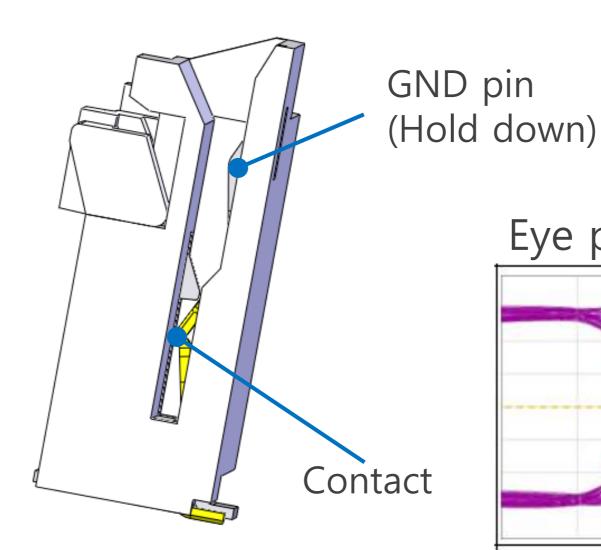


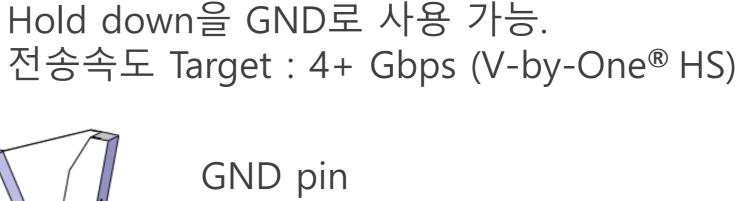


FFC를 잡음과 동시에 Lock해제 동작이 가능하도록 하였습니다

그라운드 단자를 내장한 고속 전송 설계(4+ Gbps V-by-One® HS)

Signal패턴
FFC형상
추천 기판패턴



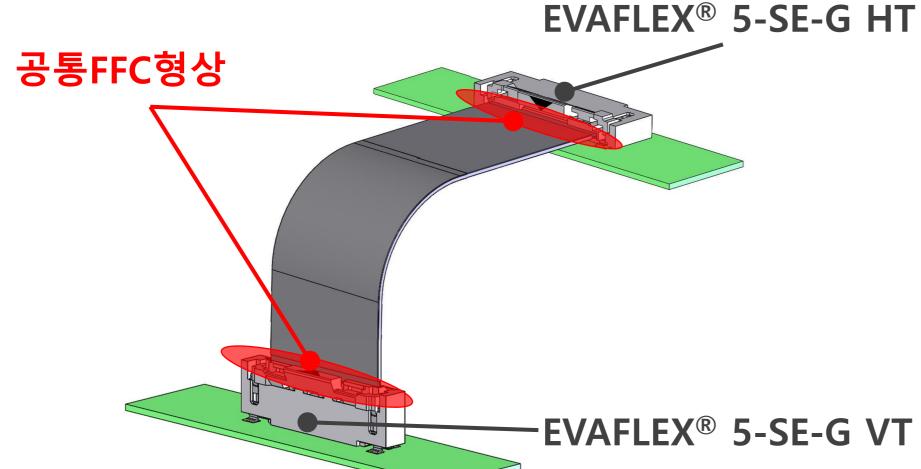


Eye pattern 4 Gbps (actual)

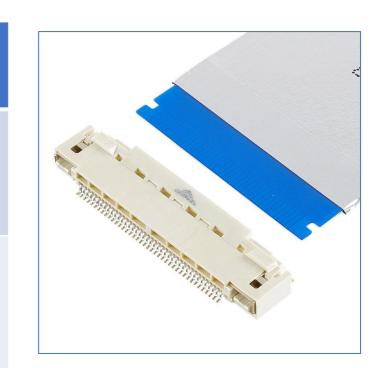
50mV/div. 1 62.5ps/div.

Spec.

> 동일한 FFC가 사용 가능한 Horizontal 타입(EVAFLEX® 5-SE-G HT) 옵션도 보유

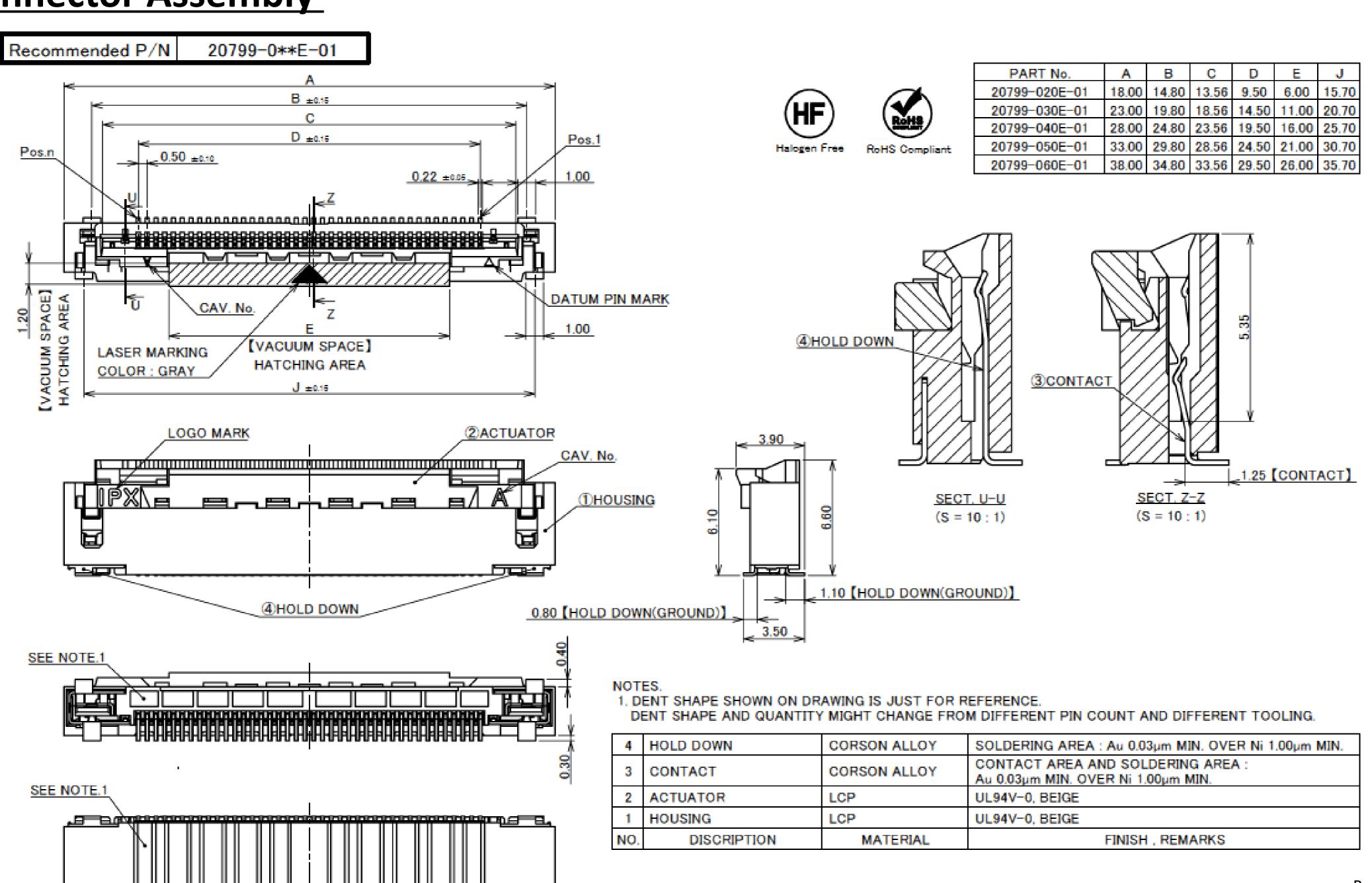


	EVAFLEX® 5-SE-G HT
Height (mm)	3.65 +/- 0.1
Depth (mm)	7.0



Component Parts Details

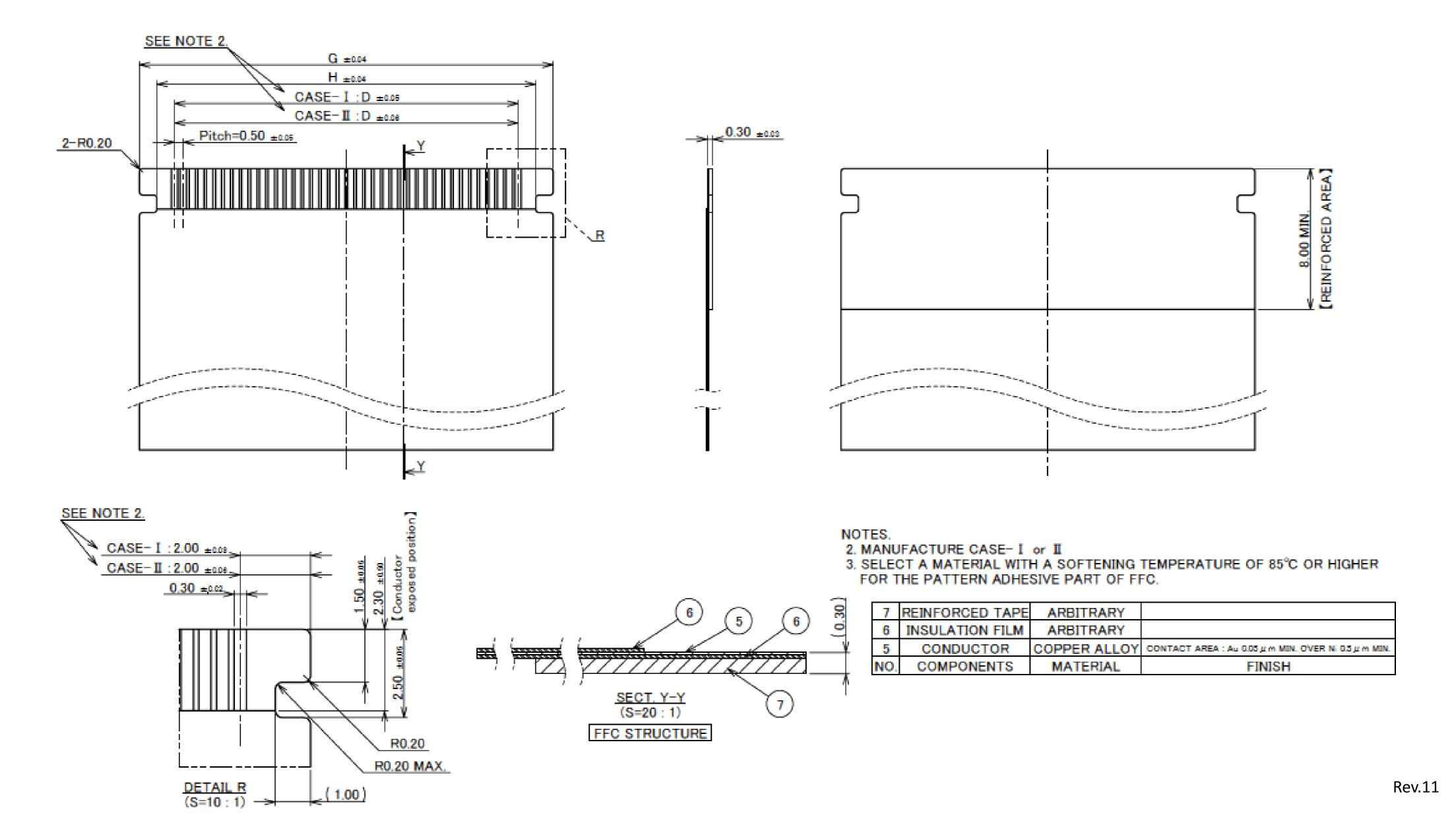
Connector Assembly

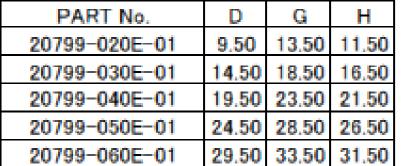


Connector Assembly

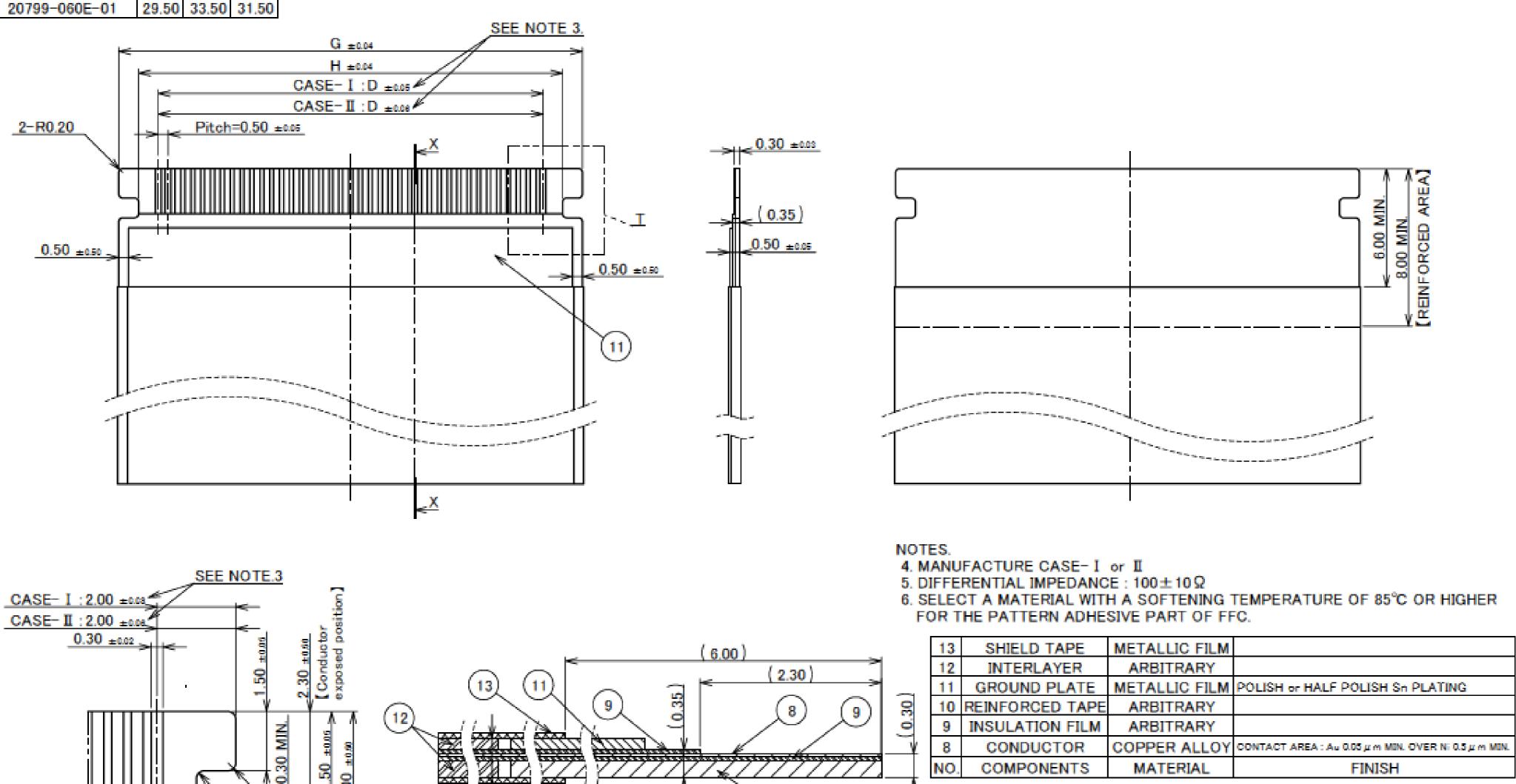
PART No.	D	G	Н
20799-020E-01	9.50	13.50	11.50
20799-030E-01	14.50	18.50	16.50
20799-040E-01	19.50	23.50	21.50
20799-050E-01	24.50	28.50	26.50
20799-060E-01	29.50	33,50	31,50

RECOMMENDED FFC LAYOUT [NON SHIELDED TYPE]





RECOMMENDED FFC LAYOUT [SHIELDED TYPE]





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

FFC STRUCTURE

R0.20

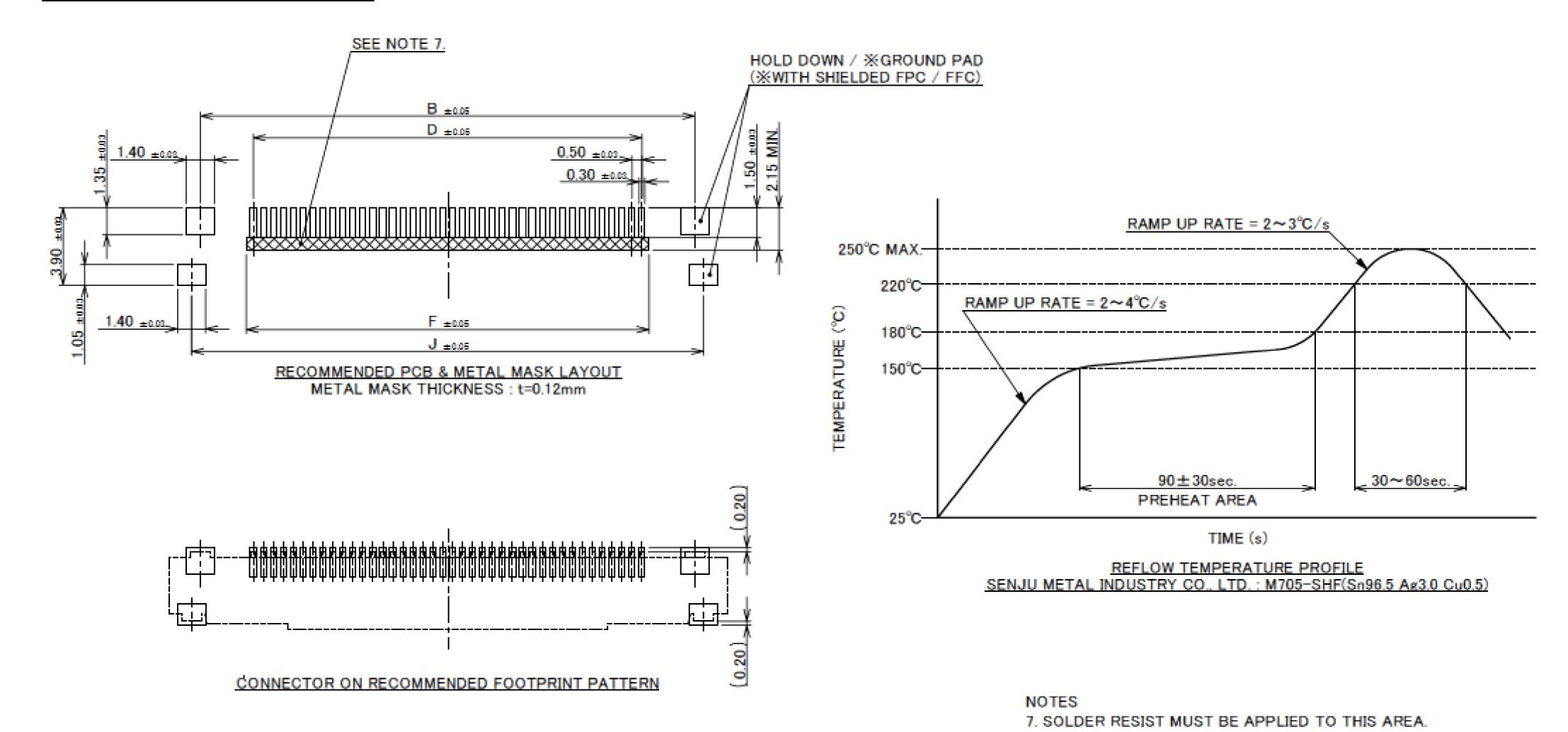
R0.20 MAX.

<u>. (1.00)</u>

DETAIL T (S=10:1)

Connector Assembly

PART No.	В	D	F	J
20799-020E-01	14.80	9.50	10.20	15.70
20799-030E-01	19.80	14.50	15.20	20.70
20799-040E-01	24.80	19.50	20.20	25.70
20799-050E-01	29.80	24.50	25.20	30.70
20799-060E-01	34.80	29.50	30.20	35.70



Rev.11

ITEMS	SPECIFICATION		
RATING VOLTAGE	50V AC/DC (PER CONTACT PIN)		
RATING AMPERAGE	0.35A AC/DC (PER CONTACT PIN) AVAILABLE FOR ALL CONTACTS 0.5A AC/DC (PER CONTACT PIN) AVAILABLE UP TO 15 CONTACTS		
OPERATING TEMPERATURE	233~398K(−40°C~+125°C)		
OPERATING HUMIDITY	85% MAX.		
CONTACT RESISTANCE	INITIAL: 60mohm MAX. / AFTER TEST: ✓ 40mohm MAX.		
INSULATION RESISTANCE	500Mohm MIN.		
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min		
DURABILITY	50TH CYCLES		
FPC/FFC MATING FORCE (INITIAL / 50TH CYCLES)	20P: 15.00 N MAX. 30P: 22.00 N MAX. 40P: 29.00 N MAX. 50P: 36.00 N MAX. 60P: 43.00 N MAX.		
FPC/FFC UNMATING FORCE (INITIAL / 50TH CYCLES)	20P : 2.00 N MIN. 30P : 2.70 N MIN. 40P : 3.40 N MIN. 50P : 4.10 N MIN. 60P : 4.80 N MIN.		
FPC/FFC RETENTION FORCE (INITIAL / AFTER TEST)	20P: 11.00 N MIN. 30P: 11.70 N MIN. 40P: 12.40 N MIN. 50P: 13.10 N MIN. 60P: 13.80 N MIN.		
COPLANARITY	0.10 MAX.		
PRODUCT SPECIFICATION	PRS-2305		
TEST REPORT	TR-17100		
PACKING STANDARD	PST-18002		
INSTRUCTION MANUAL	HIM-16039		
APPEARANCE CRITERIA No.	QLS-A***		



Custom
Connectors
Available

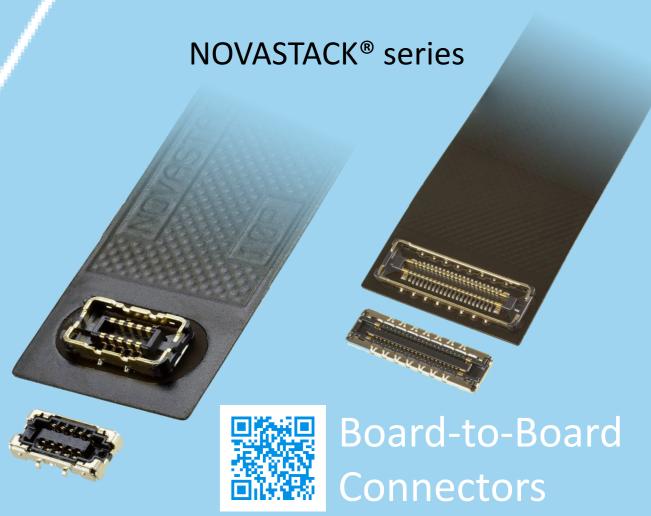




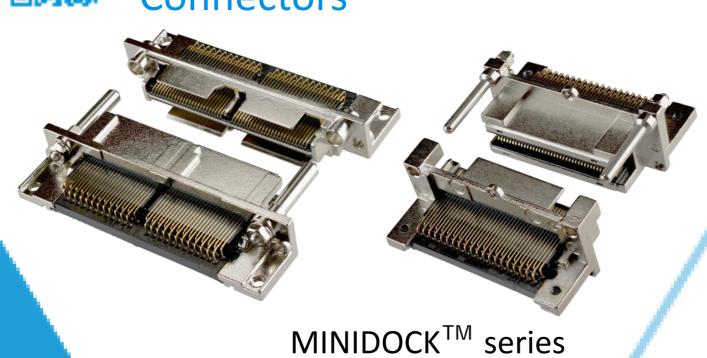
AP series















MINIFLEX® series









EVAFLEX® series

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Contact your sales representative or more detailed information.

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