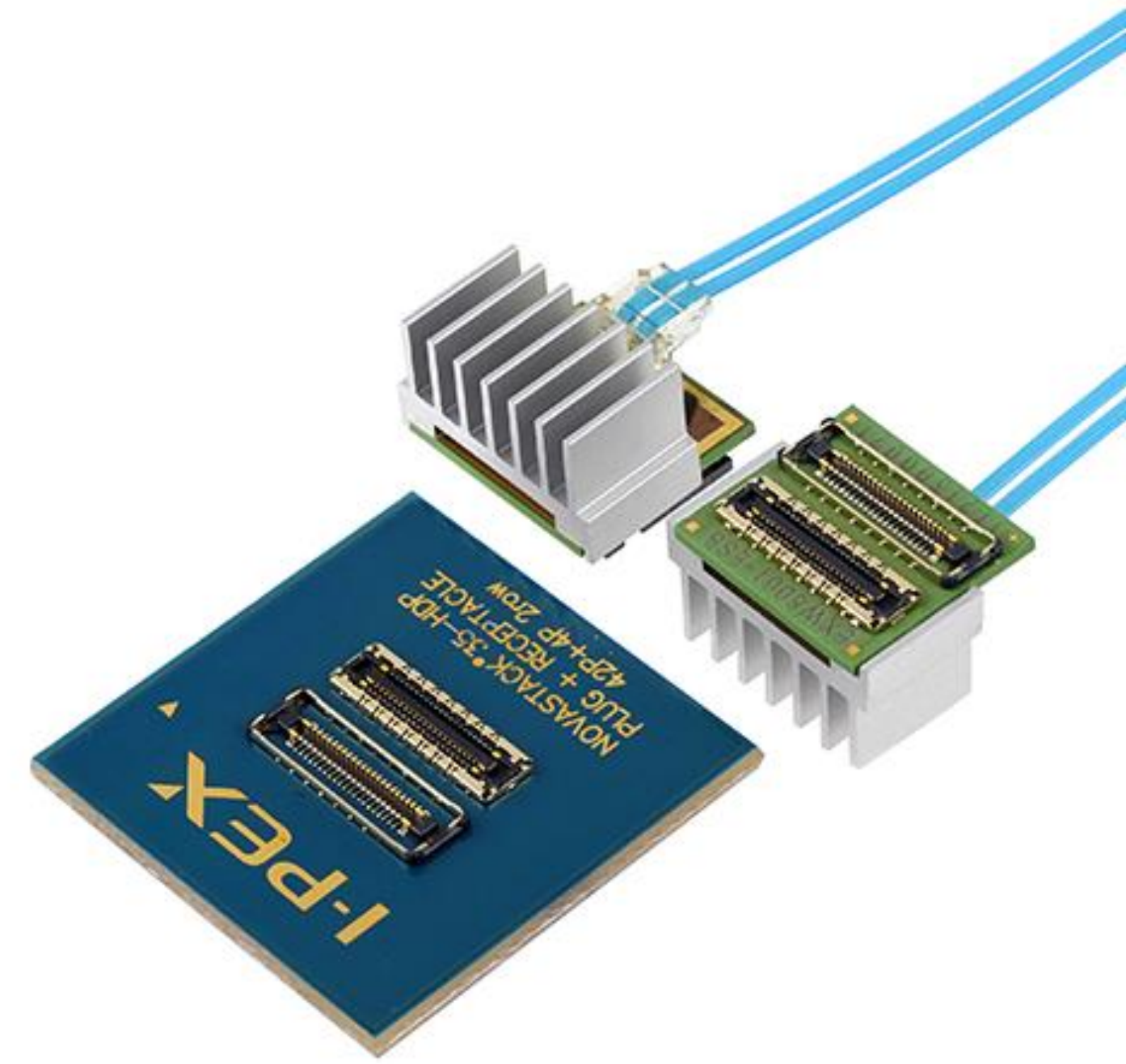


LIGHTPASS®-EOM 100G

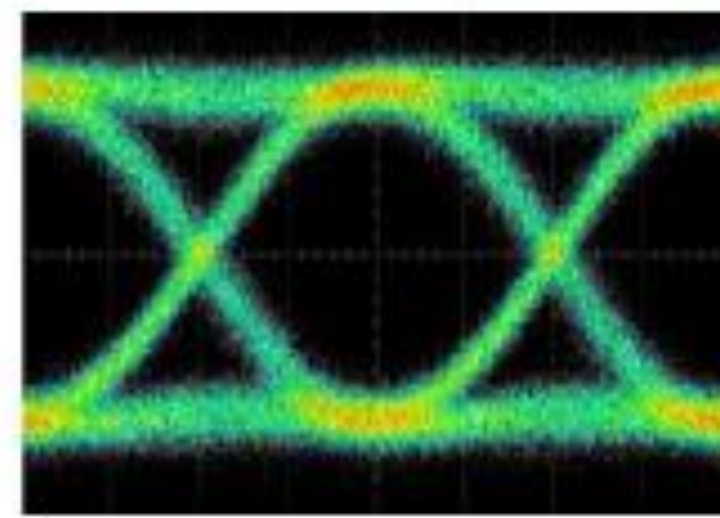
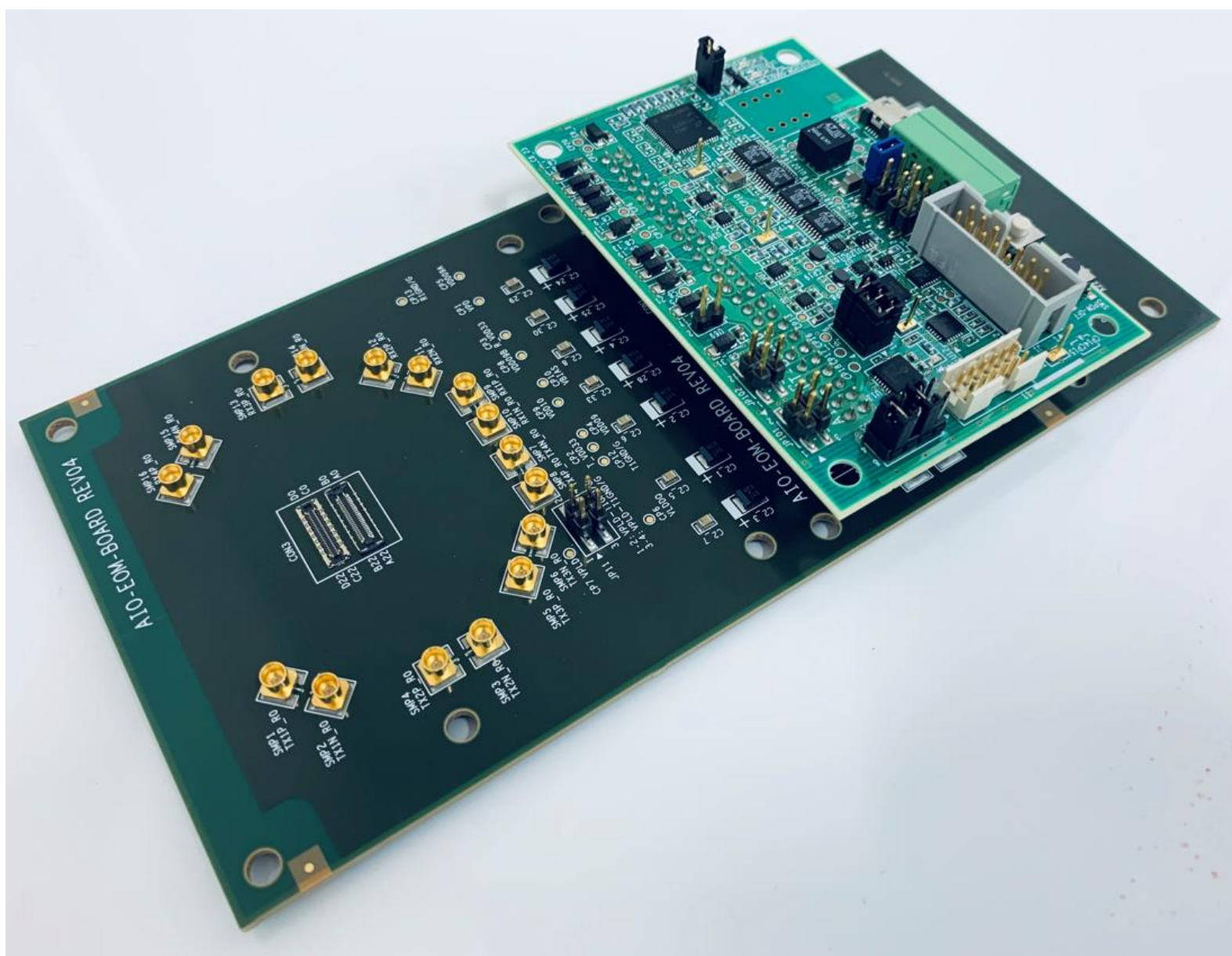
100 Gbps (25 Gbps x 4 ch) 쌍방향, 고밀도, 저소비 전력, 광 변환 모듈

Product Specifications:

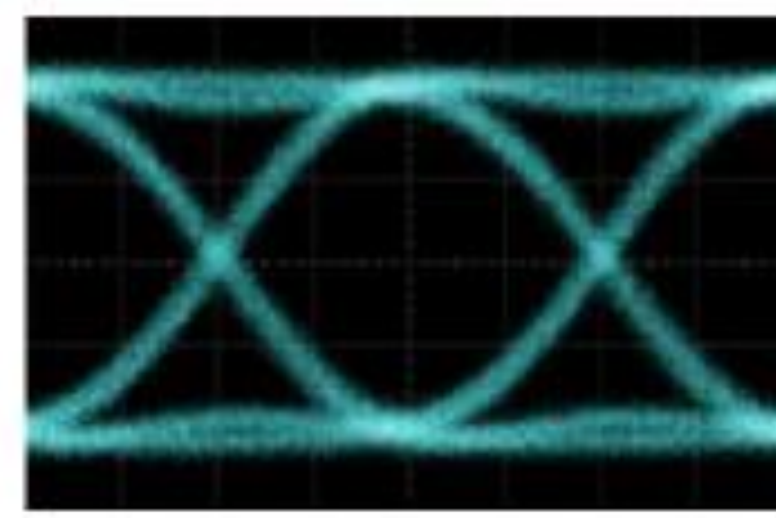
High Channel Capacity	25 Gbps x 4 ch
High Density	12 mm x 14 mm
Case Temperature Operating Range	0 to 85 degC
Electrical Interface	Socket Connection (NOVASTACK 35-HDP)
Optical Interface	12 core MT-connector
Power Supply	1.0, 1.1 and 3.3V
Low Power Consumption per Gbps	< 10 mW/Gbps for TX-RX pair



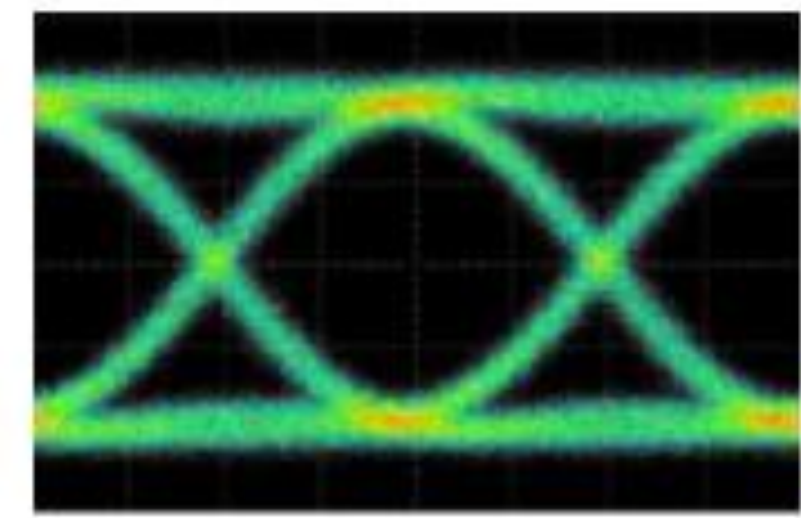
▶ 고속전송을 가능하게 하는 광 모듈



-40°C



25°C

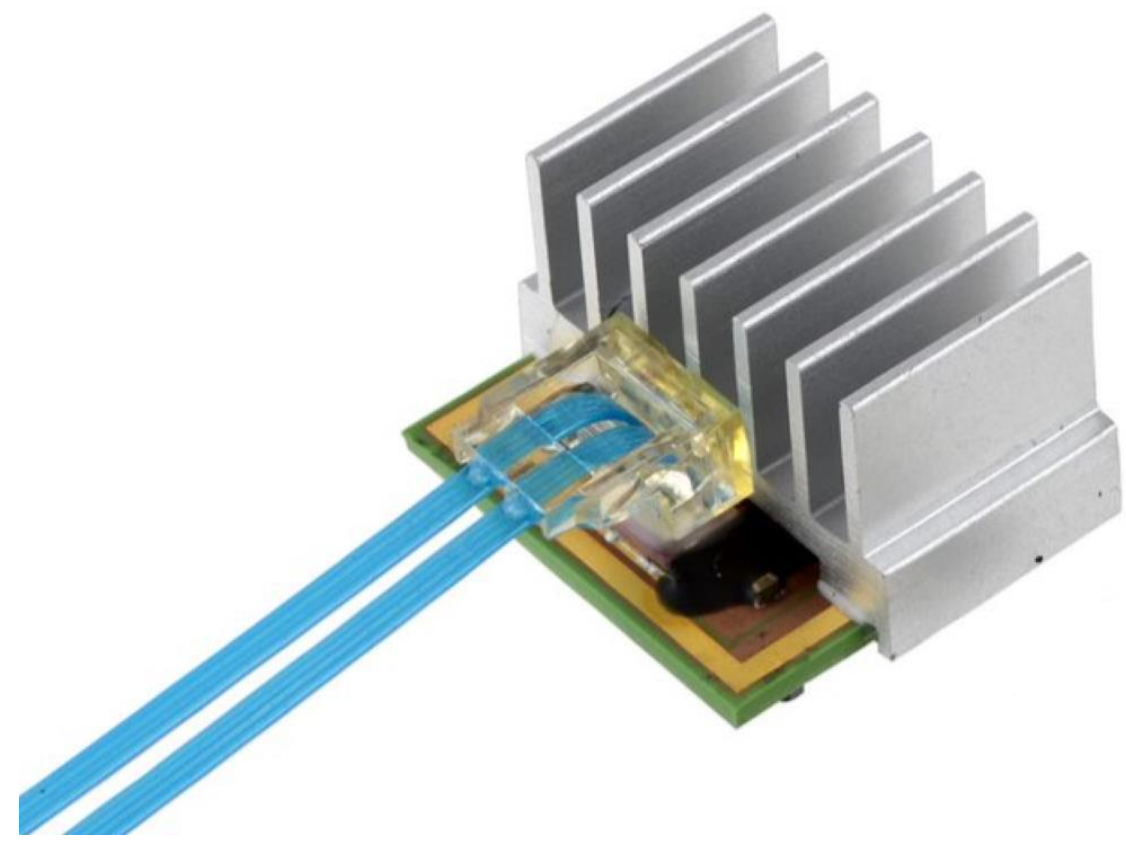


85°C

-40 ~ 85 °C의 온도 범위에서 100 Gbps (25 Gbps x 4 ch)를 실현

▶ 실리콘 포토닉스 기술을 사용한 저소비 전력 (1 Gbps 당)

Compared with other company's product
30% less power consumption

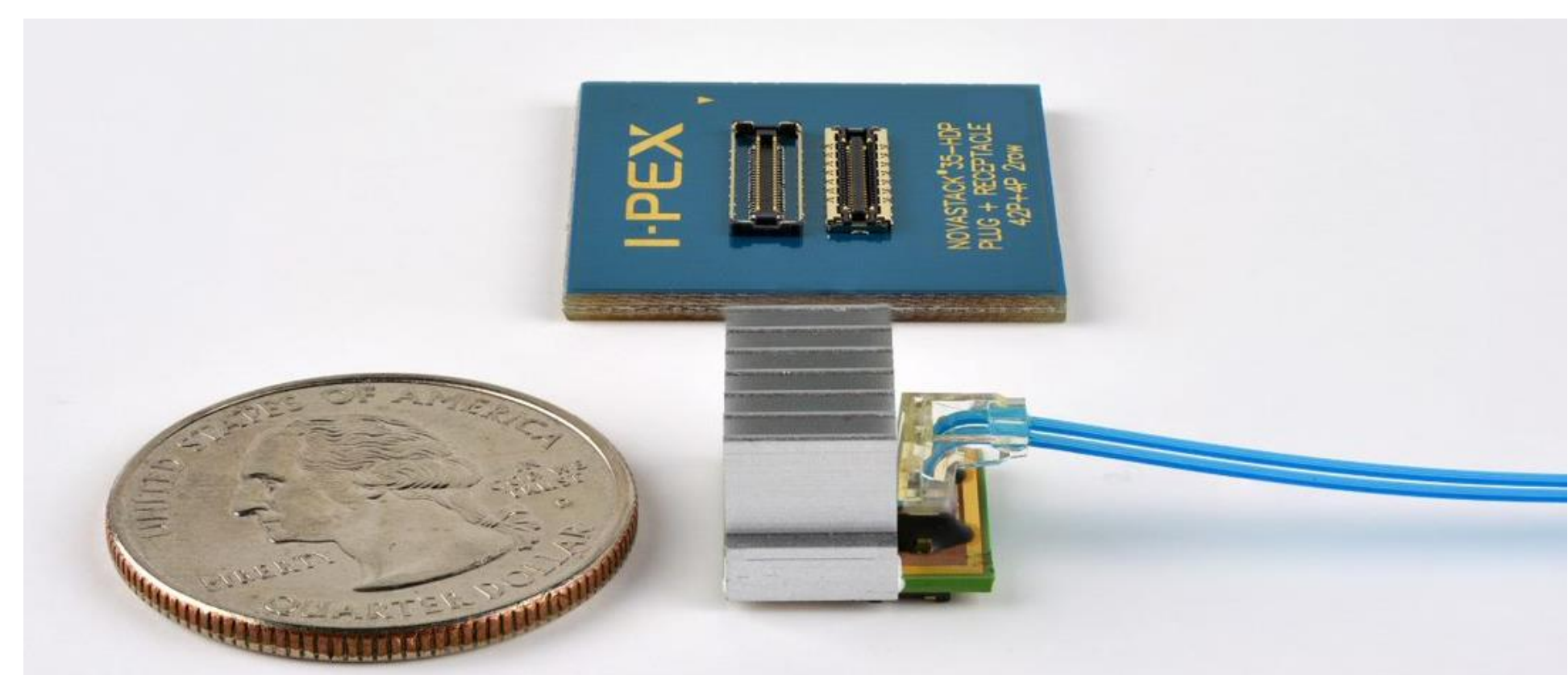
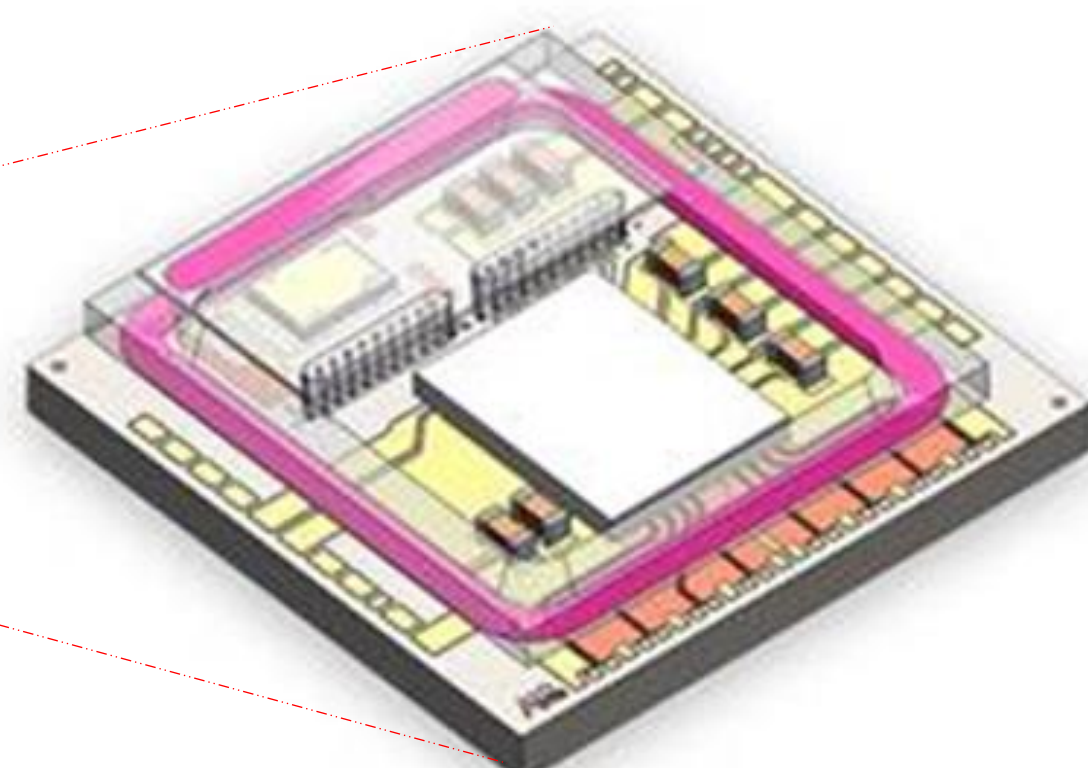
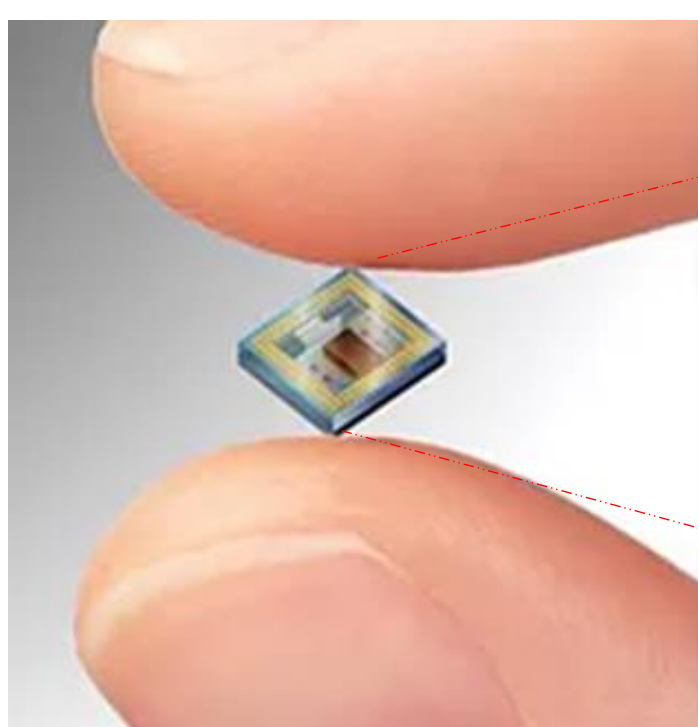


Power consumption < 1W



Power consumption < 3.5W

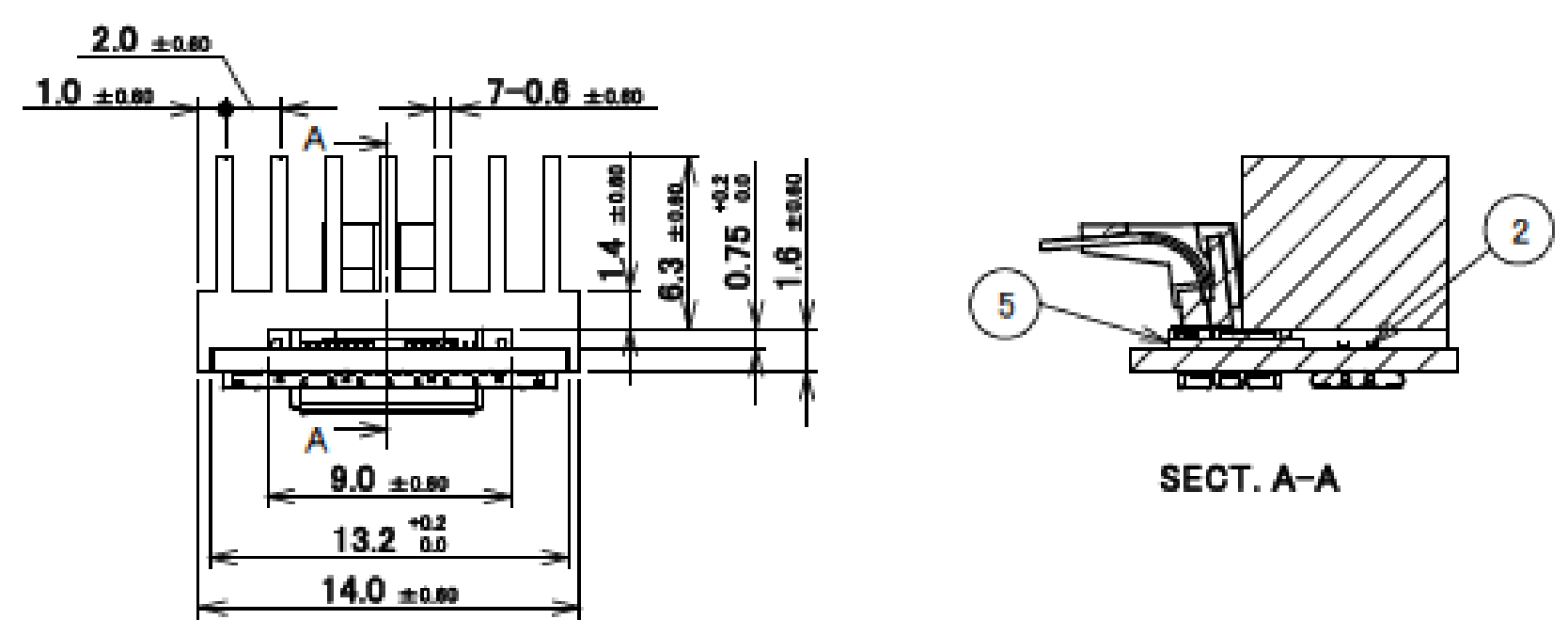
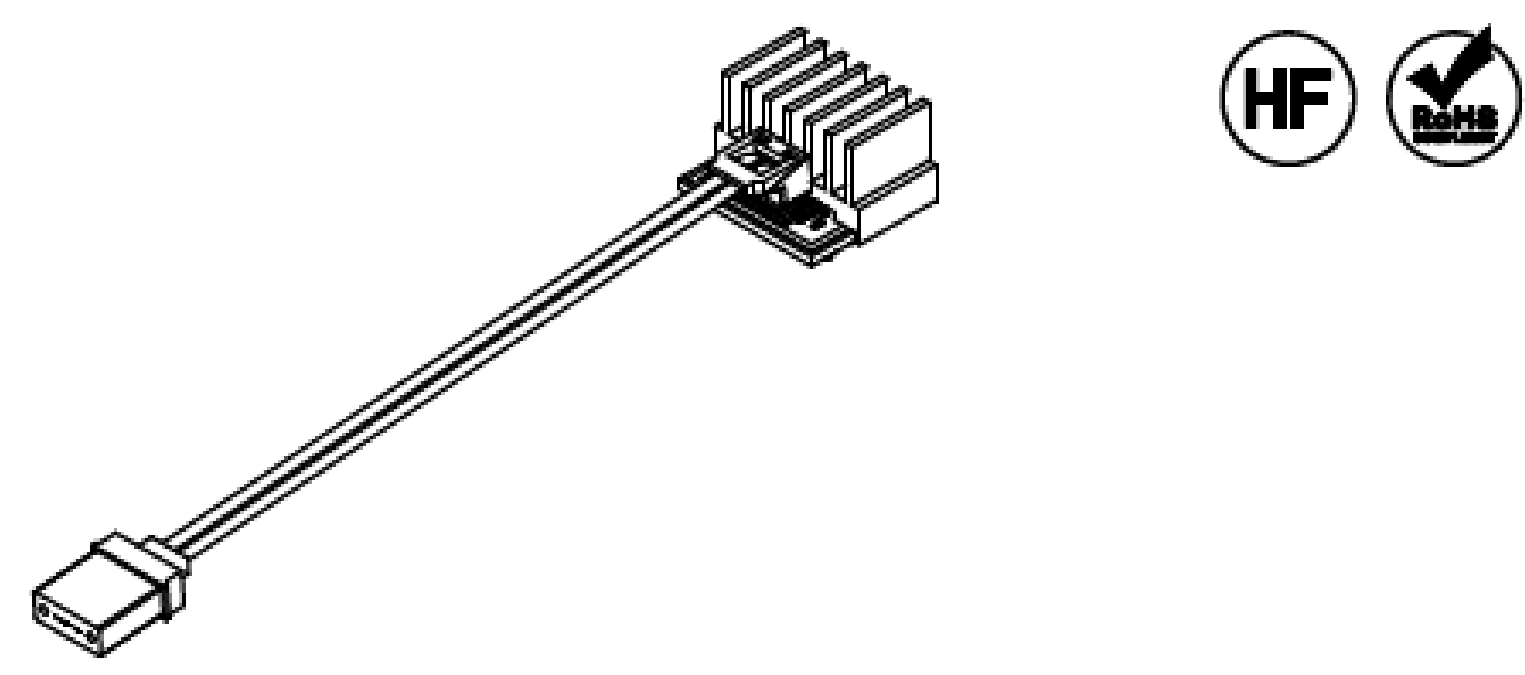
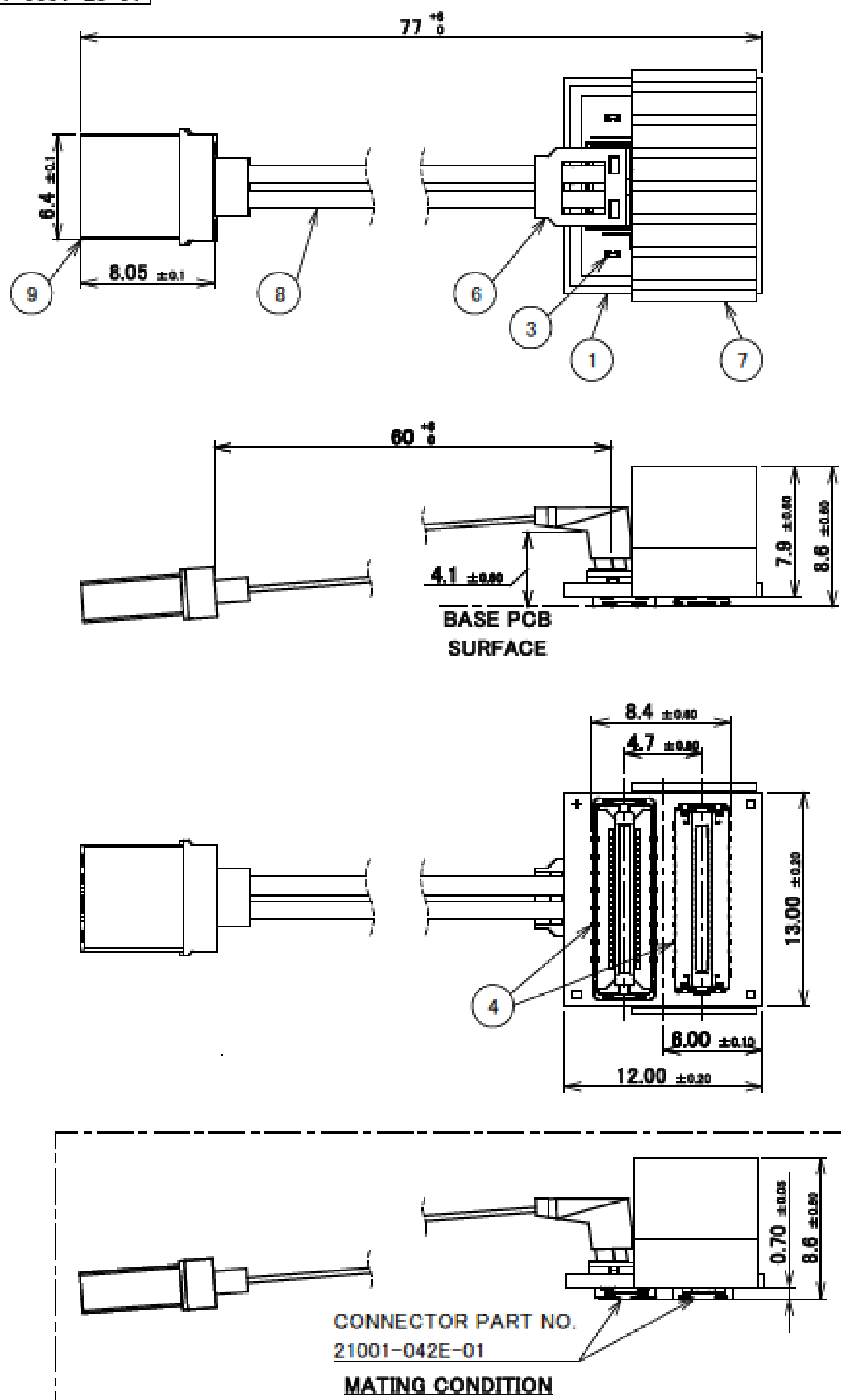
▶ 실리콘 포토닉스 기술을 활용한 초소형 모듈



Component Parts Detail

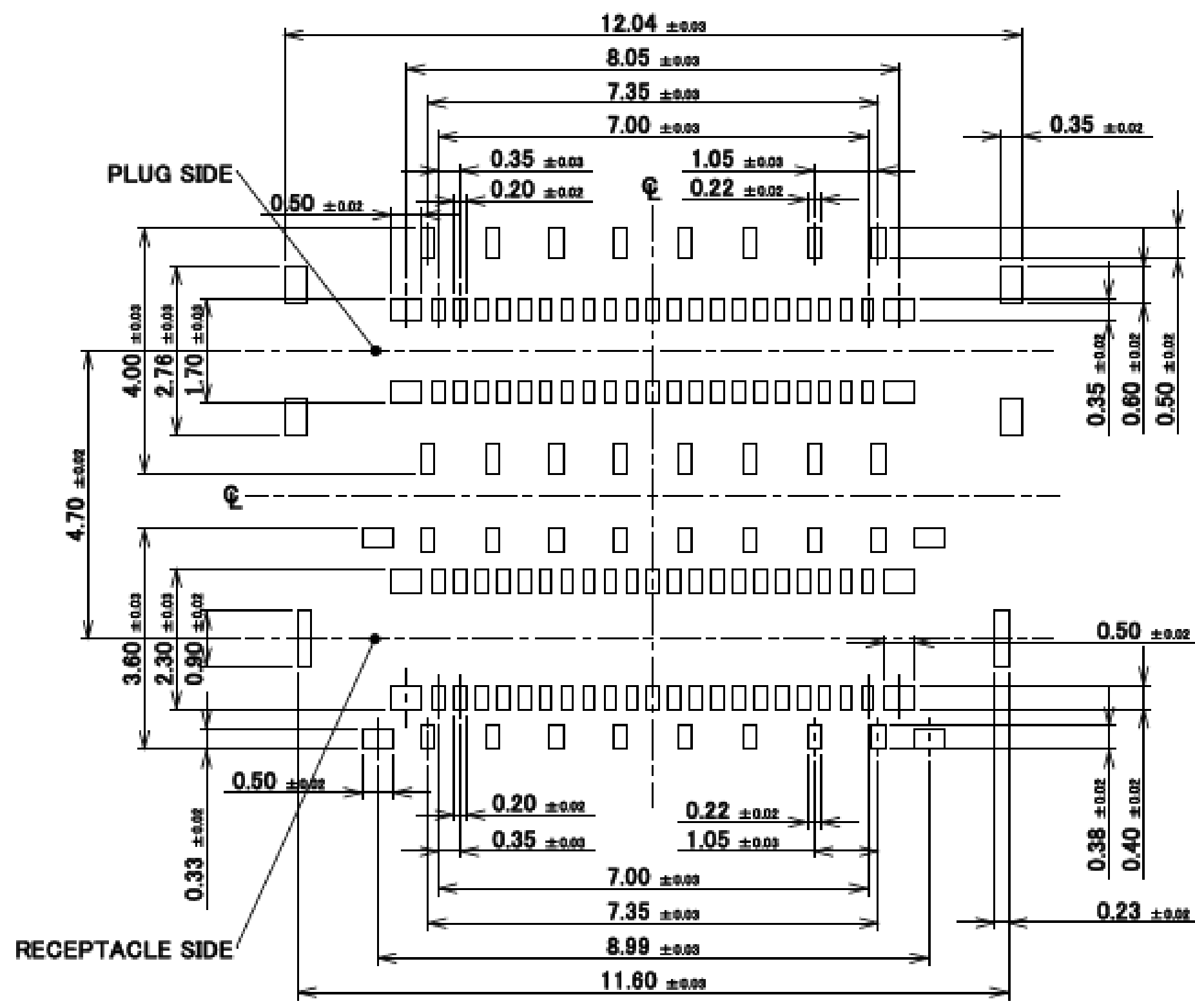
EOM 100G Optical Module

Recommended P/N 88001-000T-25-01
 PART NO.
 88001-000T-25-01

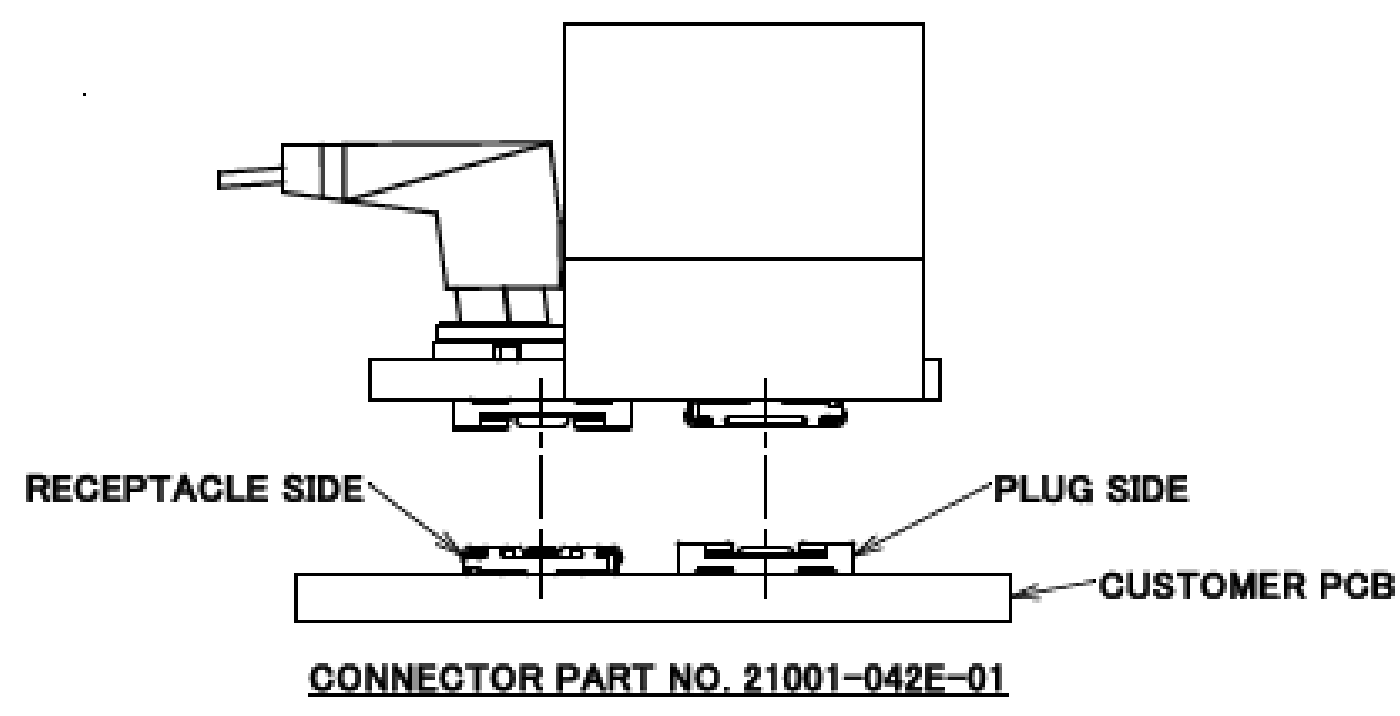
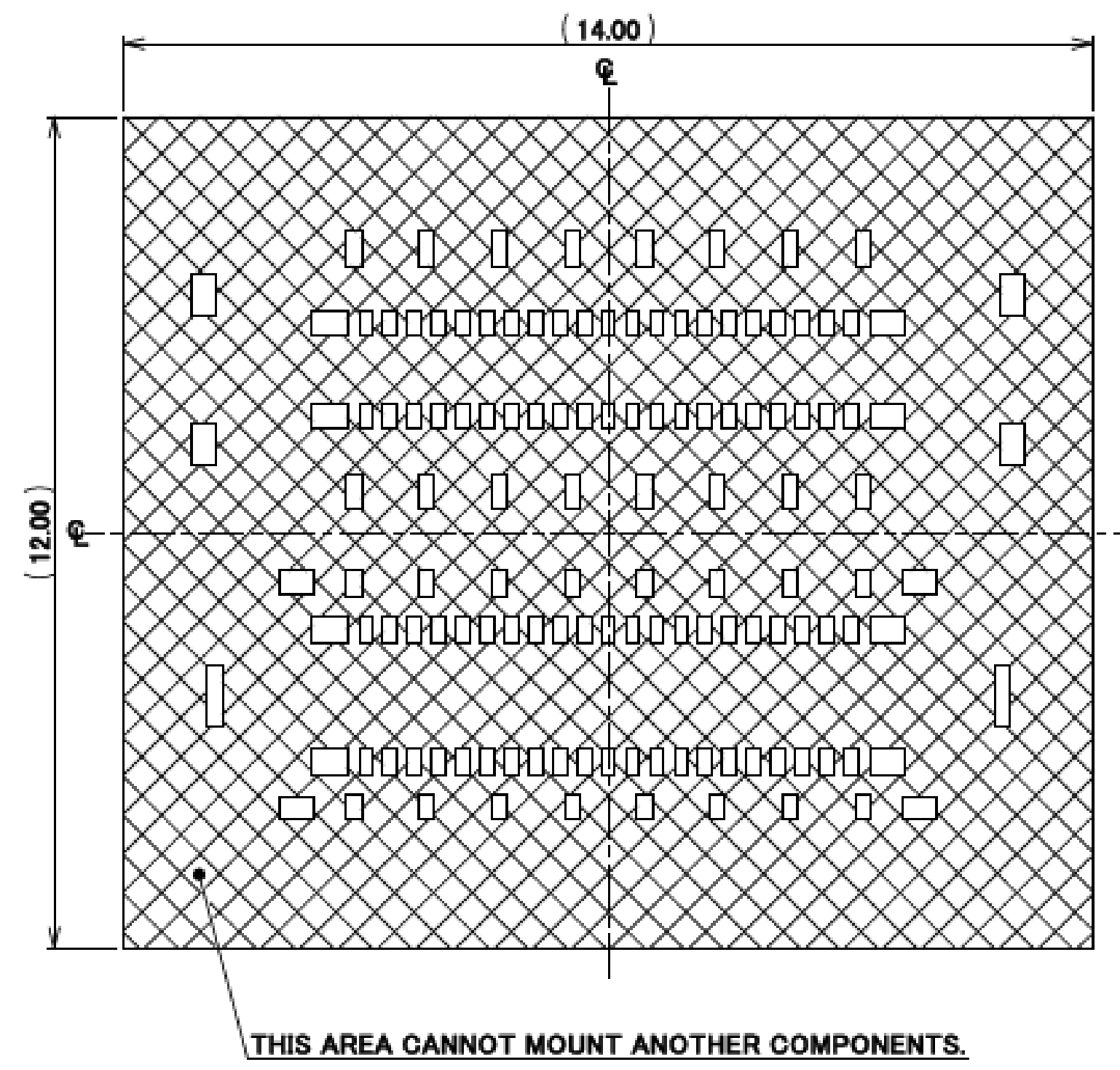


9	12-MT FERRULE	-	-
8	4-CORE TAPE FIBER x2	-	-
7	HEATSINK	-	-
6	OPTICAL CONNECTER	-	SERIAL NUMBERING
5	OPTICAL I/O CORE	-	TIP NUMBERING
4	NOVASTACK® 35-HDP WITH VACUUM CAP ASS'Y P/N 21001-042E-01	-	-
3	CAPACITOR	-	FOR POWER SUPPLY NOISE FILTER 105°C HEAT RESISTANT 0603 4V 2.2 μ F
2	CAPACITOR	-	MULTILAYER CERAMIC CAPACITOR 0402 0.1 μ F
1	GLASS CERAMIC SUBSTRATE	-	-
NO.	DESCRIPTION	MATERIAL	FINISH , REMARKS

EOM 100G Optical Module



RECOMMENDED FOOTPRINT PATTERN LAYOUT FOR CUSTOMER PCB



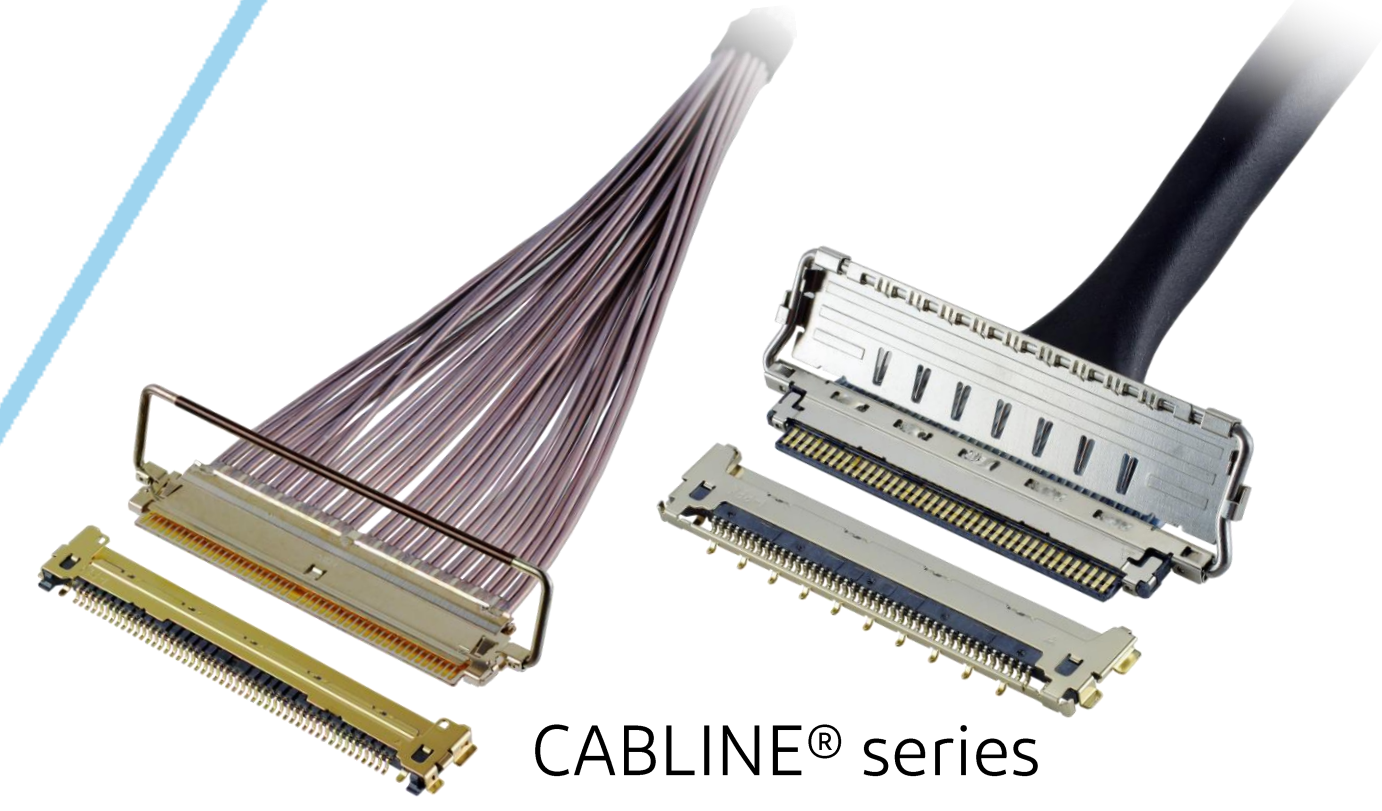
Custom Connectors Available

RF Connector

MHF® series



Micro-coaxial/Twinax/ Discrete Wire Connector



CABLINE® series

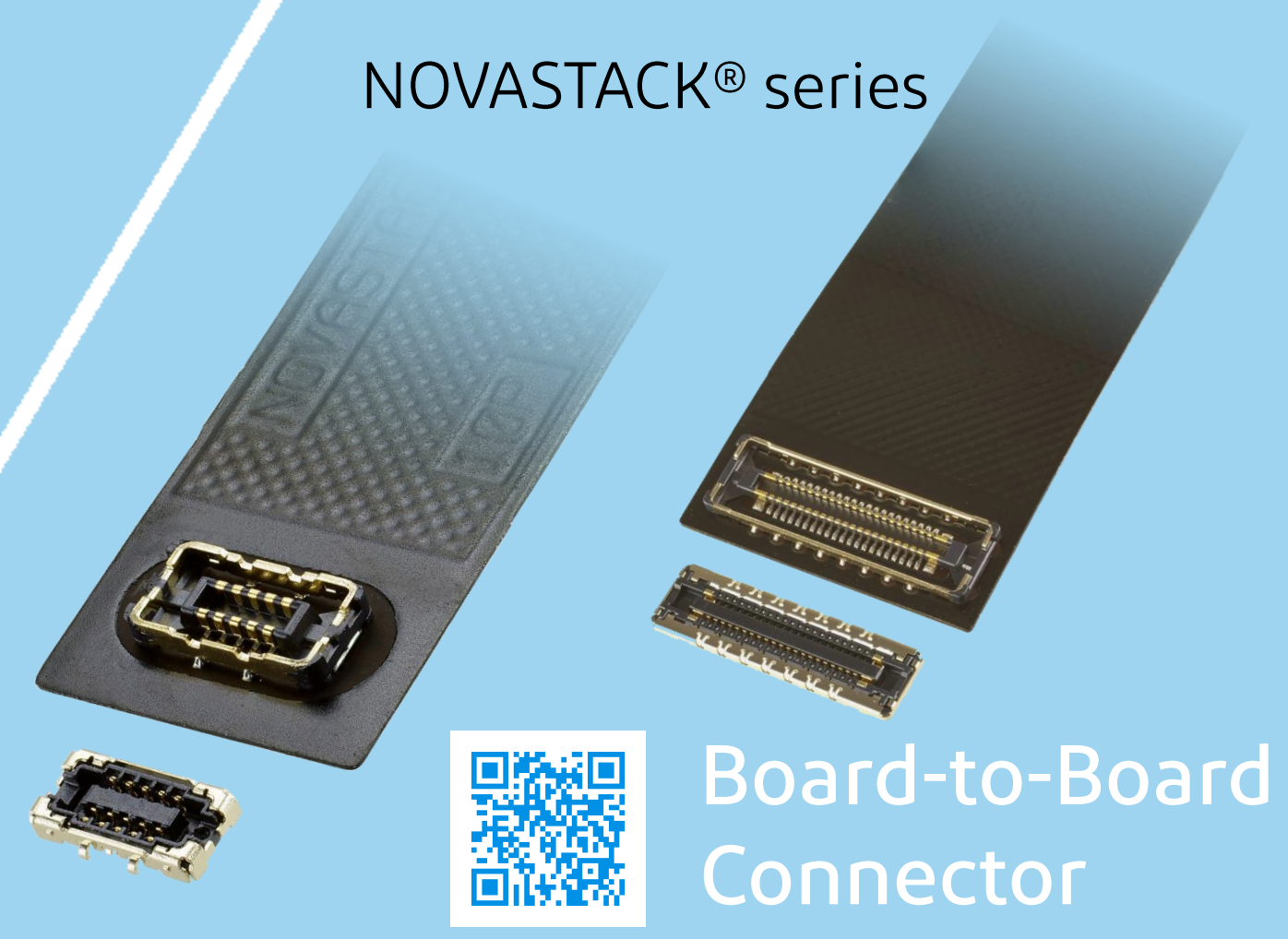


Optical Module

LIGHTPASS® series



NOVASTACK® series



Board-to-Board Connector



Power Connector/ Terminal

AP series

ISH® series



MINIFLEX® series

EVAFLEX® series



FPC FFC Connector



Inquiry



MINIDOCK® series



I/O Connector

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