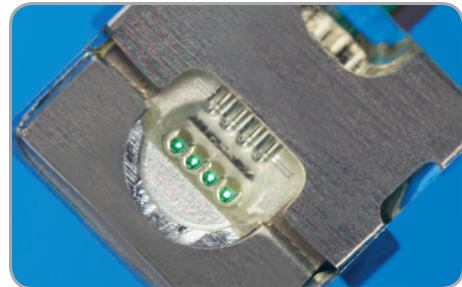
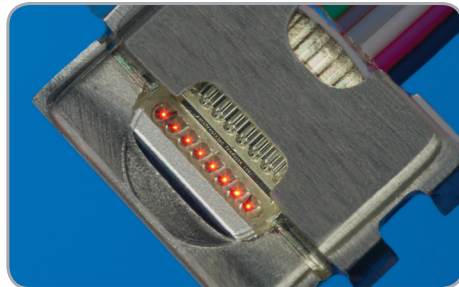
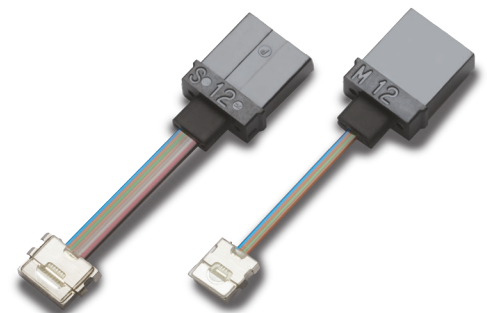
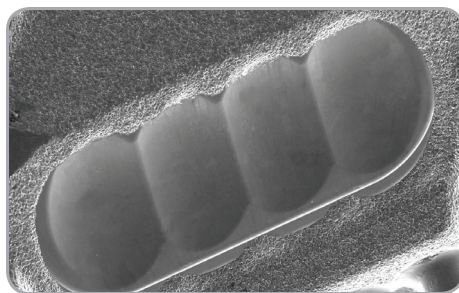


# Couplers for Photonic Integrated Circuits

Low profile, single-mode or multimode, multi-fiber connections to photonic integrated circuits, VCSEL arrays, and photodiode arrays.



- » Alternative to quartz fiber arrays
- » Low insertion loss to photonic devices
- » Environmentally rugged material
- » Better match to coefficient of thermal expansion of photonic devices
- » Freeform surfaces for beam shaping and redirecting
- » Compatible with wave soldering processes
- » 250- $\mu$ m pitch for multi-fiber ribbons or round cables



*Micro-mirror arrayed jumpers*