

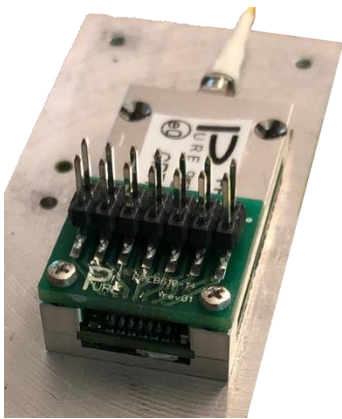
Product description

The PPEB610/PPEB710 is a small plug-on board that fits on top of a Pure Photonics micro-ITLA. It converts the small AIC or Samtec connector on the micro-ITLA to a 14-pin IDC connector. This connector type is more readily available and is easier to interconnect to a different system.

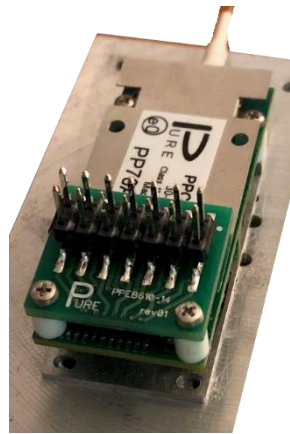
The PPEB610 has an AIC female connector on the micro-ITLA side and is intended for the PPCL600 micro-ITLA (or more general for any suitable MSA compliant micro-ITLA). The PPEB610 comes with 10 or 12mm long M1.6 screws.

The PPEB710 has a Samtec female connector on the micro-ITLA side and is intended for the PPCL700 micro-ITLA. The PPEB710 comes with 8mm M1.6 screws, nuts and standoff.

Below pictures show how the product is installed on the different products.



PPEB610-14



PPEB710-14

Screws captured with nut below board

Micro-ITLA attached to heatsink at base only

Do not apply force on IDC. There is no support

NOTE: the IDC connector is big. It needs to be installed before installation of PPEB610/PPEB710 on the micro-ITLA to avoid damage.

NOTE: On PPCL700 never attach the holding screw to the baseplate. The PPCL700 should be attached to the heatsink at its base

Connector interface

The 14-pin connector pin-out on the PPCL600 is shown below. On the PPCL700 the pin-out is the same, even though the product may have a 20pin connector. The PPEB710 does not allow access to these additional pins.

PIN Name	PIN #		PIN #	PIN Name
+3.3V Supply	1		2	DIS*
+3.3V Supply	3		4	SRQ*
Gnd	5		6	MS*
Gnd	7		8	TxD
-5.2 Supply	9		10	RxD
-5.2 Supply	11		12	RST*
OIF Reserved	13		14	DitherAA ¹¹