



Casing inside (at smallest) = LxWxH = 113 x 113 x 29, corners not taken out
Corner radius = 5mm

Distance PCB top to case outside top = 21.4mm
2.6mm face plate thickness
Distance PCB top to case inside top = 18.8mm

max output sink/source IO current per pin = 15mA
max combined output sink/source IO current = 80mA.

On 3.3V, with a 330R current limiter, the TLP3558A will draw 5.4mA max.

Hence: About 11mA max per IO pin in the current config. Not a lot of headroom left.

Therefore: If you want to connect a breakout panel, then either:

- * do that on a 2000-SCAN board that is not equipped with optos or
- * use a breakout panel equipped with line drivers

