Bumped Out DK with a TOMCat Installed

340 mm Dia. Size Limit

Interposer Connectors

DK Board Size:
235 mm Square
with 34 mm Bump-Out

Vertical Space Available: 30 mm

4.0 mm Under PCB
2.5 mm PCB Thickness
22.5 mm Max Comp Height
1 mm Air Gap Above Max Comp

J2, J4, J15 - "A" Hemisphere
J3, J5, J16 - "B" Hemisphere

Main Cable Connector

J16

J5

J4

J1

Disco-Kraken

Circuit

Board

PMT 1

J2

PMT 8

PMT 9

J3

PMT 16

PMT Signal Connectors

Slots in the Mounting Plate for the Cable Pass Throughs

USB Connectors J15 & J16

J15

J7

Tom's SFP

FPGA

Mez Conn

J10

Optical Connectors

Corner Air Gap 3.8 mm

M3 Mounting Screws Set Back 6.0 mm from the Edge

100 mm

Current Size TOMCat on a Bumped Out DK

View looking through the TOMCat to see its SFP Cage, FPGA, and Mezzanine Connector.

Barnacle Connector

DK Drw. 76

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