

THE EMCAL Module Components

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Containment: 88 parts

- 1) Back (holes: 144 thru for fibers + springs + mech. support), 1
- 2) Compression (holes: 144 thru for fibers + springs), 1
- 3) Front Plate (holes: 144 thru for fibers + springs + mech. support), 1
- 4) 5) Plungers (10)
- 6) Bellville washers (75)

Tensioning and Insulation:

40 parts

- 7) Stainless steel straps (4)
- 8) Screws (24)
- 9) Flanges (8)
- 10) Light tight stickers (4)

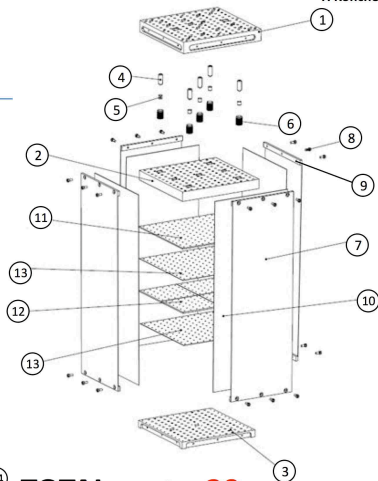
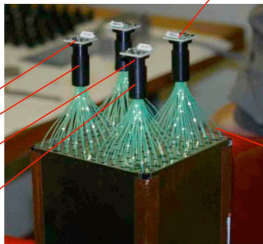
Sandwich:

538 parts

- 11) Lead tiles (76)
- 12) Scintillator tiles (308)
- 13) Bond paper sheets (154)

Readout and Electronics: 165 parts

- 14) WLS fibers (144)
- 15) APD (4)
- 16) CSP (4)
- 17) Light guides (4)
- 18) Mount (4)
- 19) Collars (4)
- 20) Diffuser (1)



TOTAL parts: 20

TOTAL components: 831

Plus cabling, GMS and mech. supports