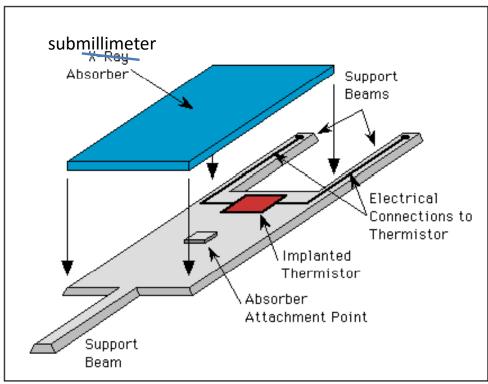


X-ray microcalorimeter X-Ray Absorber Support Beams Electrical Connections to Thermistor Implanted Thermistor Absorber Attachment Point Support Beam Schematic drawing of a detector. **GSFC** microcalorimeter lab

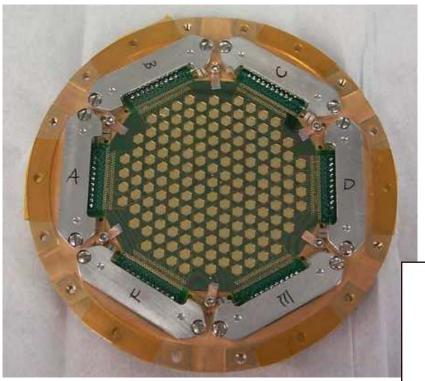
Submillimeter bolometer



Schematic drawing of a detector.

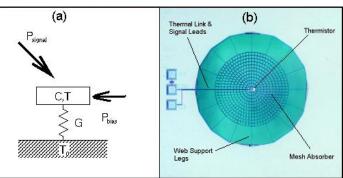
GSFC microcalorimeter lab

BOLOCAM focal plane array

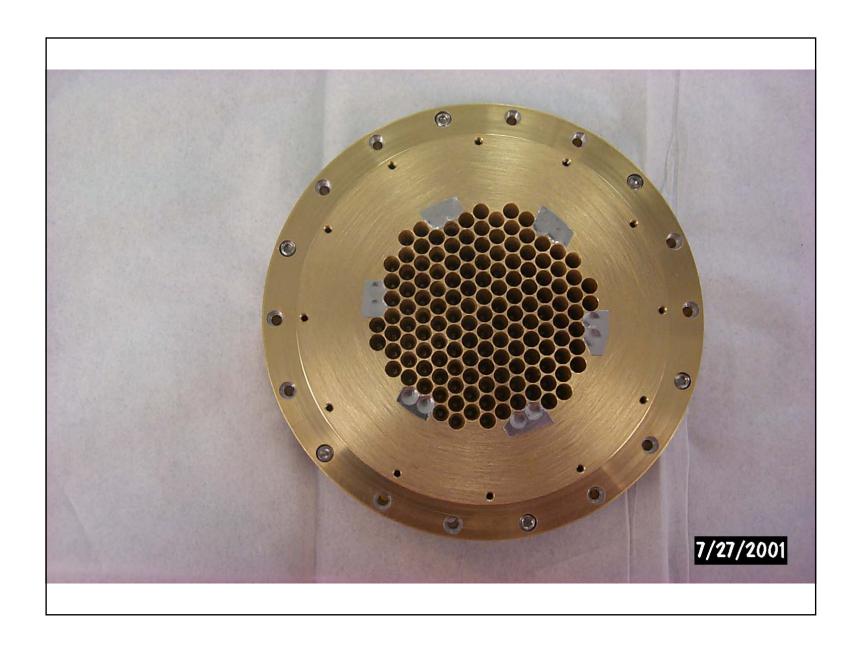


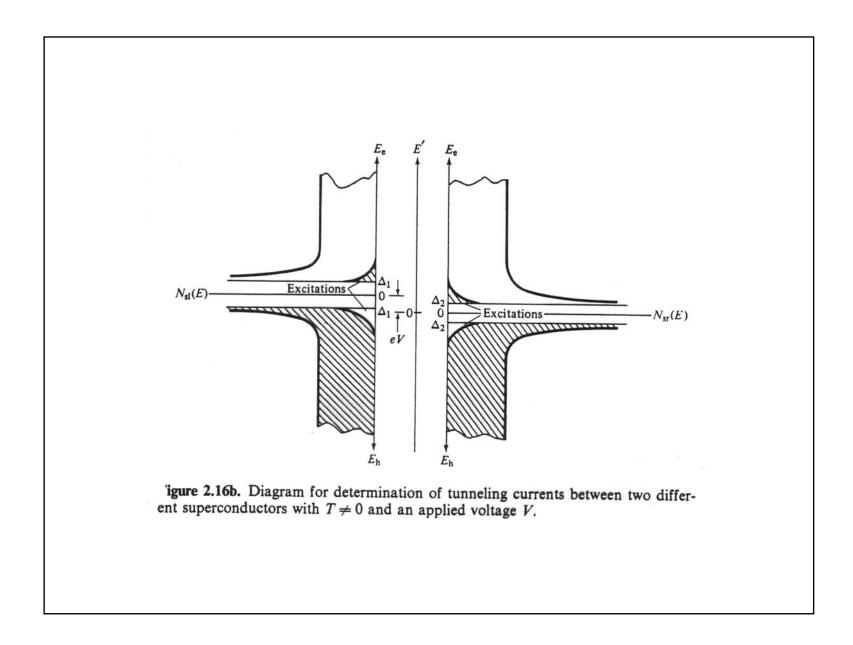


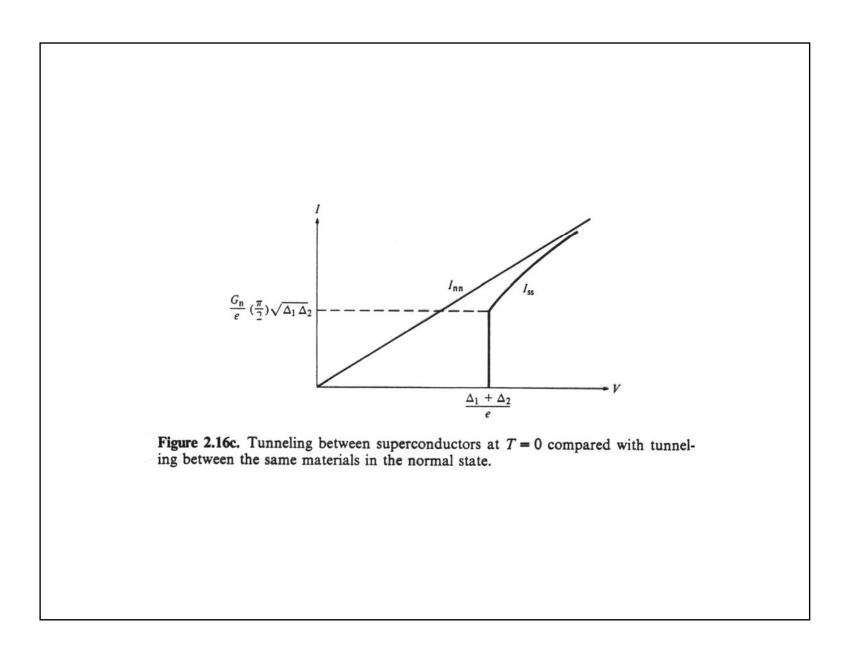
Spider-web bolometer from Herschel/SPIRE











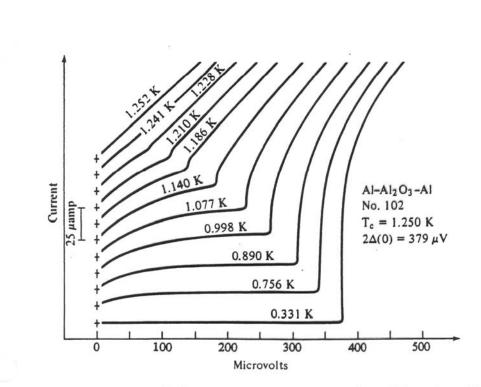


Figure 2.16e. Experimental data on an Al-Al₂O₃-Al tunnel junction. The zero points (+) are staggered for clarity.

From B. L. Blackford and R. H. March, "Temperature dependence of the energy gap in superconducting Al-Al₂O₃-Al tunnel junctions," Canadian Journal of Physics, Vol. 46, p. 143, 15 January 1968. Reproduced with permission of the National Research Council of Canada Research Council of Canada.