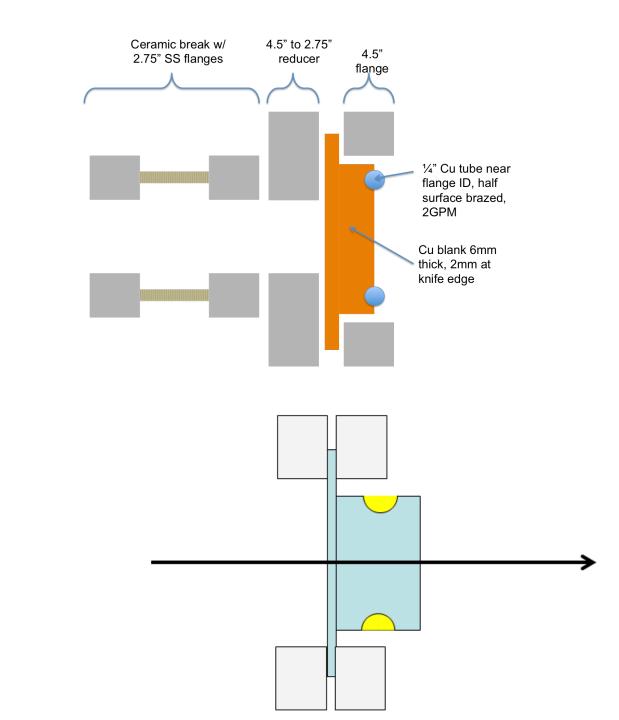


Joe Matalevich: I've done a few calculations (varying assumptions). I'm coming up with roughly a 400C temperature rise in the knife edge at 500W. I could do an FEA based thermal model, but I suspect it will show some locally higher temps at the knife edge. The temperature rating of these copper knife edge seals is 450C.



Alt #1:

Alt #2: