



chip dimensions: 320 x 40 mils  
substrate: 5 mil thick Alumina  
metalization: WTI with 200u" Au for wire bonding  
resistors: TaN, 50 Ohms/square  
vias: 3 mil diameter, plated-thru  
layers:

chip outline = cyan  
top metal = black  
backside metal = blue  
vias = green  
resistors = red

*NATIONAL RADIO ASTRONOMY OBSERVATORY*

1180 Boxwood Estate Rd, Charlottesville, VA, 22903

NAME: k22bpf1

FILE: k22bpf1.dwg

DATE: 11/28/2007

BY: Matthew A. Morgan

E-MAIL: matt.morgan@nrao.edu