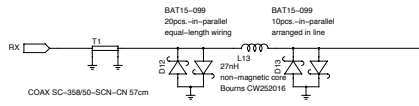
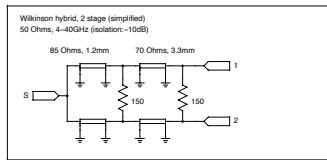


LNA ver. 4R3 for 77 K operation.
 G=37dB, 1.5–200MHz
 NF=0.3 dB (typ.)
 Kentaro Kitagawa



Ceramic capacitor in low-temp. stage: Panasonic ECJ (CK,CJ,CH)
 PPS capacitor in low-temp. stage: Panasonic ECHU
 Register: SUSUMU RR/RG thin-film

