

# Sowter type 9083

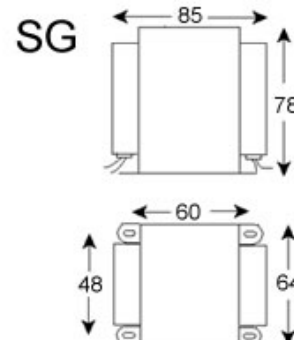
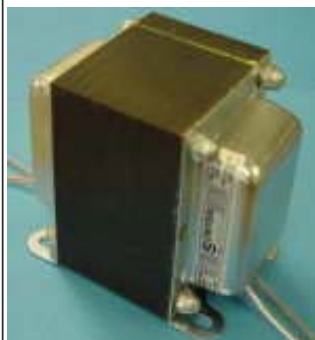
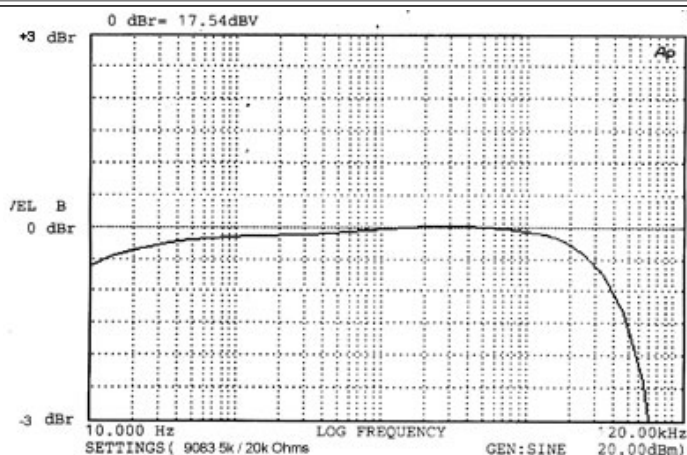
HIGH BANDWIDTH INTERSTAGE TRANSFORMER FOR PUSH-PULL DRIVE. RATIO 1CT:1+1

SIZE G PACKAGE OPTIONS

FULLY SHROUDED STYLE "S"

DROP THROUGH STYLE "T"

OPEN FRAME STYLE "O"



**APPLICATION** Phase splitting transformer for driving from a push-pull stage. Two identical secondary windings of opposite phase for driving a power output stage. Secondary windings may be paralalled for driving a single ended output stage. may be used in conjunction with type 1125 input phase splitter to make a power amplifier with no capacitors.

**FEATURES** High primary inductance for high bandwidth even when driven from high impedance valves. Full geometric balance for near perfect phase splitting. 70 kHz bandwidth. 100% M6 core for high level with minimal distortion. Package options. Colour coded leads. Size G

Voltage ratio	1 (center tapped):1+1	
Nominal Impedance	10k/10k=10k	Ohms
Primary inductance	40	Henrys
Maximum dc current per side	70	mA
Maximum dc unbalanced dc	5	mA
Primary dc resistance	124	Ohms
Secondary dc resistance	400	Ohms

