

OPERATING CONDITIONS	Z	Z	LOAD SOURCE	K _{LF}	K _{HF}	V MAX. (RMS)	B MAX. (PEAK)	TOTAL HARMONIC AT 50Hz AND B MAX.
	SOURCE	LOAD	REFERRED TO SAME WDG			ACROSS WINDING	KILOGAUSS	
	MATCHED							
UNMATCHED	300	30K		60	24	+18dB (PRIMARY)	3-1	0.15%

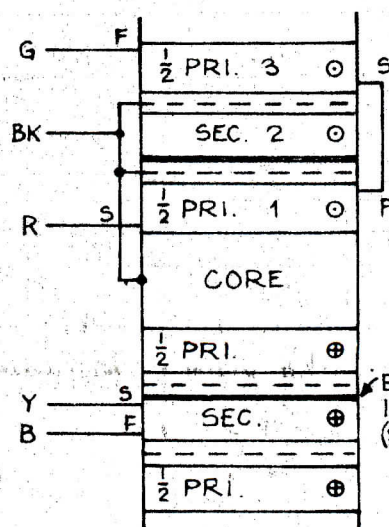
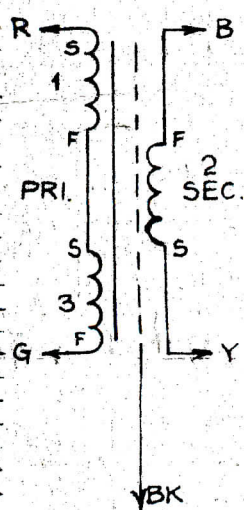
FREQ'Y. CHARACT.	FREQUENCY Hz	20Hz	20kHz	WINDING CONSTR.	SCREENING	WINDING
	LOSS RELATIVE TO THAT AT 1KHz	NEGLIGIBLE	NEGLIGIBLE		YES	STYLE 2

BBC SIZE	LAM. No.	THICKNESS	STACK	MATERIAL	L/KT ²	ASSEMBLY	AIR GAP SPACER
A	MEA	15 mils	1/2"	MUMETAL	20.1	STANDARD	INTERLEAVE
	187						

WINDING DATA	WINDING	PRIMARY	SECONDARY	TERTIARY	TURNS RATIO	P.S	1 : 1.297
	No OF SECTIONS	2 IN SERIES	1			P.T	:
	TURNS/SECTIONS	848	2200				:
	WIRE	0.090mm	0.080mm				:
	TOTAL TURNS	1696	2200				:

WINDING			
	PRIMARY	SECONDARY	TERTIARY
MIN. INDUCTANCE IN HENRIES AT 50Hz	57	96	
MIN. INDUCTANCE IN HENRIES AT Hz	↑	↗	
MIN. INDUCT. IN HENRIES AT 50Hz WITH A.D.C.	assumed $\mu = 11000$		
MAX. INDUCT. UNBALANCED BETWEEN SECTIONS			
D.C. RESISTANCE IN OHMS	276	460	
MAX. D.C. RESIST. UNBALANCED BETWEEN SECTS.			
MAX LEAKAGE INDUCTANCE IN MILLIHENRIES		20	
LEAKAGE INDUCTANCE BALANCE			
MAX. SELF-CAPACITY AT KHz			
CAPACITY BALANCE IKHz			
MAX. IOKHz			
INDUCTANCE RATIO	P.S. 1:6.8	P.T. :	

DESIGNED BY	R.N. ROBINSON		
DATE, AS ISS. 1	10_2_75		
FOR	AM7/13		
CHANGES	SIG.	DATE	ISS



* WIND 4 COMPLETE TURNS OF 'SCOTCH 56' TAPE OVER SCREEN BEFORE WINDING SECONDARY.

(WAS DX 564A)

SOWTER 4257

BBC

DATA SHEET

DESIGNS DEPARTMENT

BBC L.F. TRANSFORMER / INDUCTOR

TCO	
CKD	PL
APPD	

LG/96A

VM3A / A4

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