

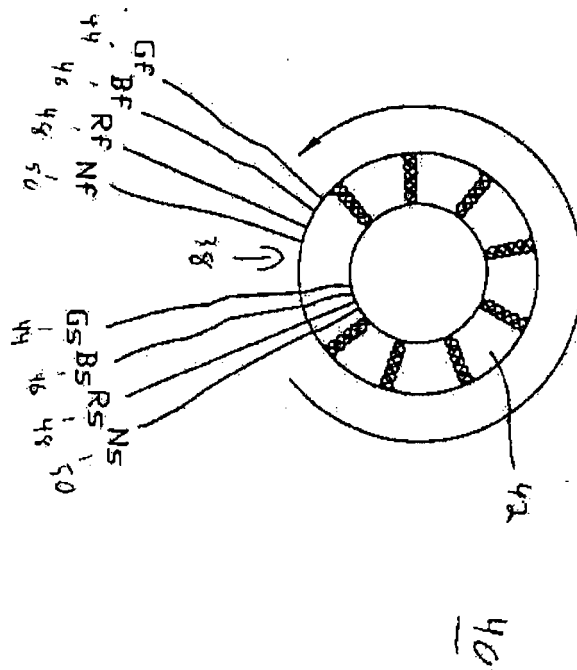


Fig. 1
Prior Art

50

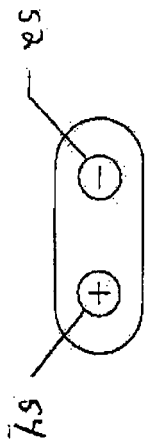


Fig 2

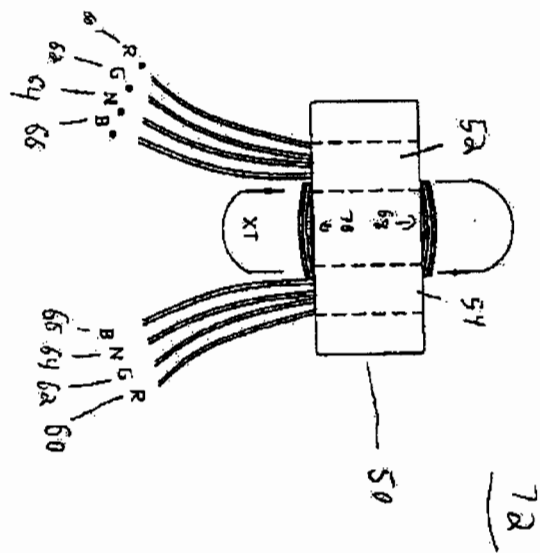


Fig. 3

ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:	(P3-P2) : (J1-J2)	1 : 1 ±2%
	(P11-P10) : (J3-J6)	1 : 1 ±2%
	(P14-P15) : (J4-J5)	1 : 1 ±2%
	(P7-P6) : (J7-J8)	1 : 1 ±2%
DCL @ 100kHz, 100mV RMS 8mA DC BIAS	(P3-P2) : (P7-P6) : (P11-P10) : (P15-P14)	350 μ A MIN.
DC RESISTANCE:	(J6-J3) : (J2-J1) : (J7-J8) : (J4-J5)	1.2 ohms Max.
RETURN LOSS: (RS=RL=100 ohms)		
1MHz TO 30MHz		-19dB MIN.
30MHz TO 60MHz		-13dB MIN.
60MHz TO 80MHz		-12dB MIN.
80MHz TO 300MHz		-10dB MIN.
300MHz TO 500MHz		-5dB MIN.
INSERTION LOSS:		
100kHz TO 300MHz		-1.1 dB MAX
300MHz TO 500MHz		-3.5 dB MAX
CROSS TALK:		-30dB MIN.
1-500 MHz		
COMMON TO COMMON MODE ATTENUATION		
1MHz TO 500MHz		TBD
DIFFERENTIAL TO COMMON MODE ATTENUATION:		
1MHz TO 500MHz		TBD
DIELECTRIC WITHSTAND:		
(J1,J2) TO (P3,P2) : (J4,J5) TO (P14-P15) : 1500 VAC		
(J3,J6) TO (P11,P10) : (J7,J8) TO (P7, P6) : 1500 VAC		
LED 1		
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW 2.1V TYP.
XD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW 590nm TYP.
LED 2		
VF (FORWARD VOLTAGE)	IF=20mA	GREEN 2.2V TYP.
XD (DOMINANT WAVELENGTH)	IF=20mA	GREEN 565nm TYP.
		ORANGE 610nm TYP.

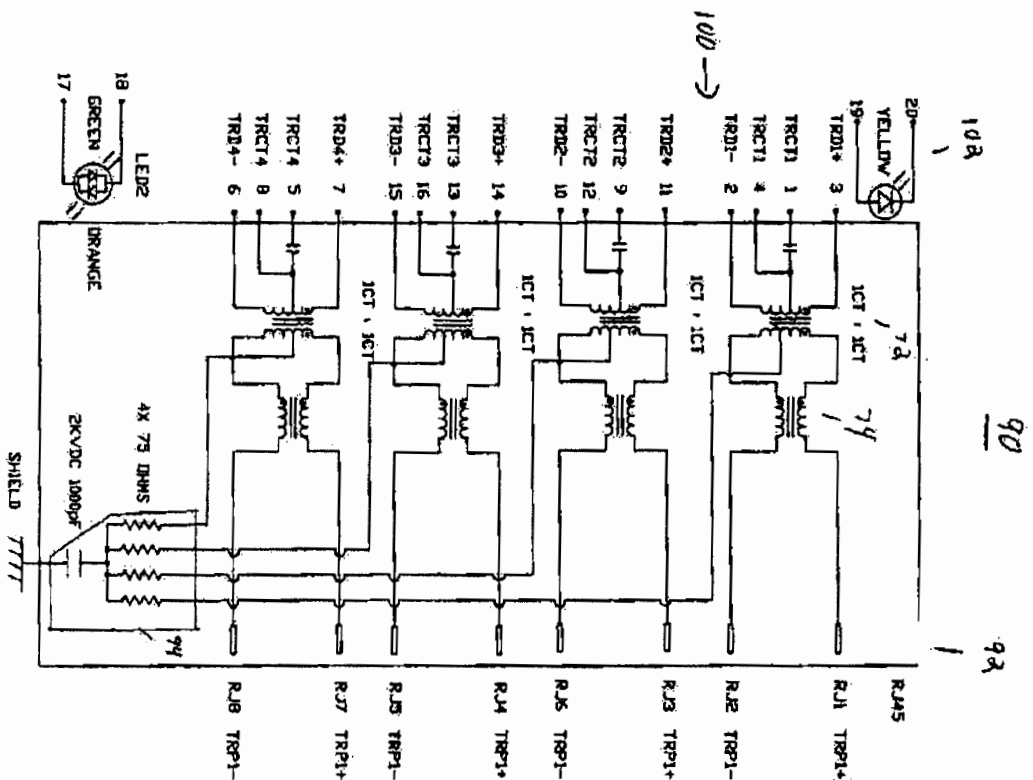


Fig 5