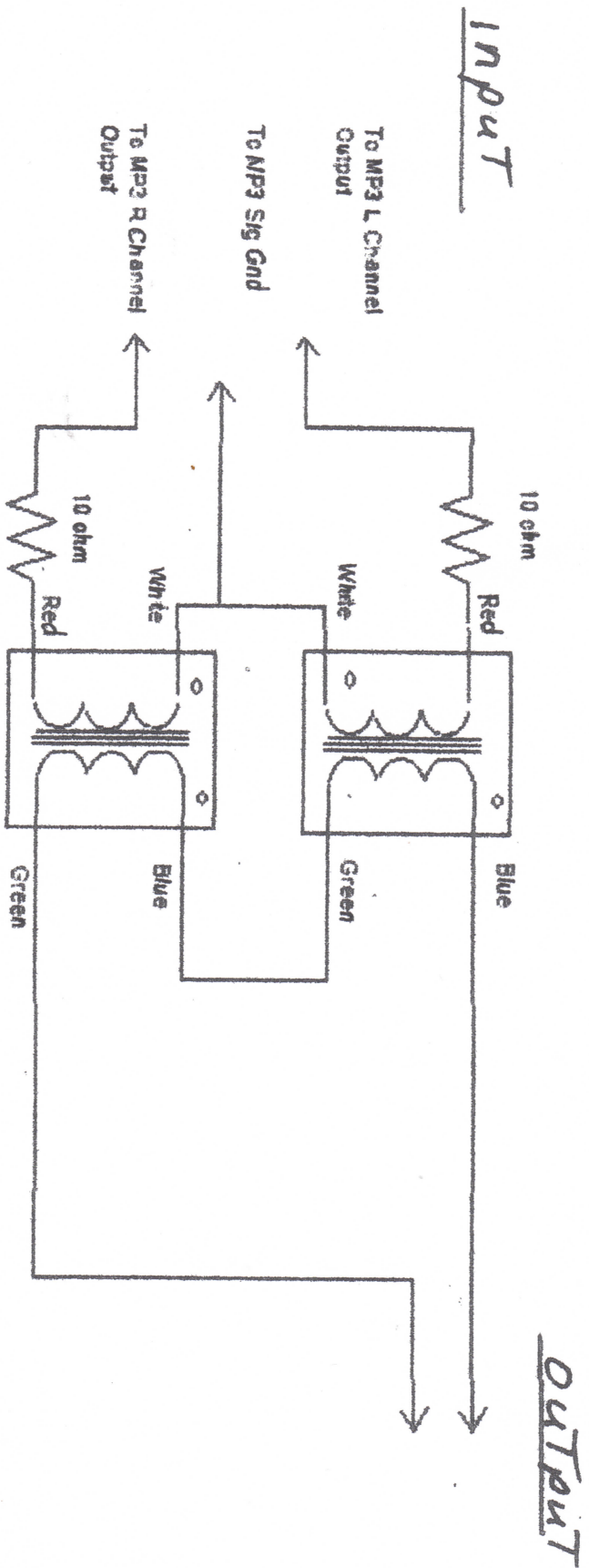


MP3 Player Audio Adaptor



Parts list:

1 3.5mm jack chassis mtg female

1 RCA jack panel mtg female

1 3.5mm stereo male to male extension (as long as you want)

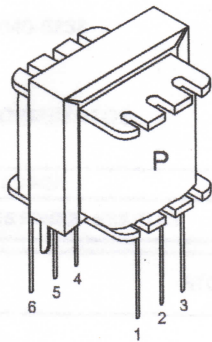
1 RCA male to male extension (as long as you want)

2- 10 ohm $\frac{1}{2}$ watt resistors

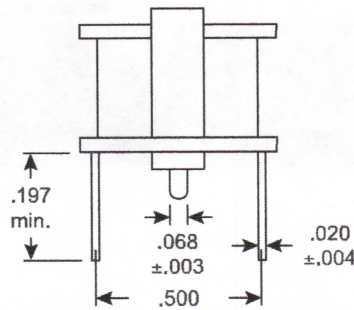
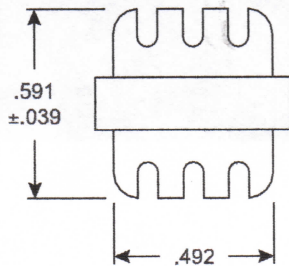
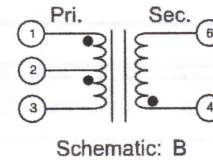
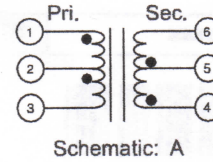
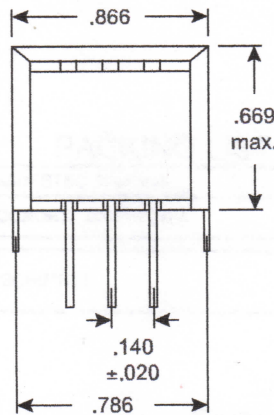
2- Audio Transformers Mouser 42TM013

1- Plastic project box 2" x 4" x 1"

1 Car bluetooth audio reciever or other Bluetooth device



Dimensions (In.)



Specifications:

- Impedance variation: $\pm 10\%$ @ 1KHz
- DC resistance tolerance: $\pm 15\%$
- Frequency response: $\pm 3\text{dB}$, 300~3.4KHz @ 1KHz 0dB
- Withstand voltage: 100VAC hipot for 1 minute
- Insulation withstand voltage: 2100VDC for 1 minute

- Insulation resistance: $> 10\text{M}\Omega$ @ 100VDC
- Storage & operating temperature: $-30^{\circ}\sim+80^{\circ}\text{C}$
- Core type/size: EI-19
- Waxing: vacuum treatment
- Maximum output: 200mW
- PC leads are soft metal wire and can be adjusted to fit a variety of applications.

Mouser Stock No.	Impedance (Ω)		Resistance (Ω)		Turns Pri.:Sec.
	Pri.	Sec.	Pri.	Sec.	
Schematic: A					
42TM001	500	8	26	1.0	8.108:1
42TM002	10K	2K	600	155	2.357:1
42TM003	1.2K	8	80	1	12.432:1
42TM004	280	8	12	1	5.081:1
42TM008	800	8	40	1	10.270:1
42TM011	1.5K	500	120	50	1.807:1
42TM012	10K6	.5K	900	500	1.473:1
42TM016	600	600	65	55	1:1
42TM017	25K	600	1K	80	6.627:1
42TM020	600	900	36	50	1.187:1
42TM021	4K	600	244	77	2.603:1
42TM022	1.5K	600	65	45	1.725:1
42TM023	600	300	55	30	1.527:1
42TM026	500	16	50	5	4.875:1
42TM030	100	100	9.25	7.8	1:1
42TM114	4.6K	20	300	2	15.75:1
42TM117	50K	1K	1.2	42	8.726:1
42TM118	400	8	40	1	6.75:1

Mouser Stock No.	Impedance (Ω)		Resistance (Ω)		Turns Pri.:Sec.
	Pri.	Sec.	Pri.	Sec.	
Schematic: A					
42TM006	20K	1K	900	70	5:1
42TM009	500	500	50	40	1:1
42TM010	350	8	20	1	6.5:1
42TM013	1K	8	75	1	11.486:1
42TM018	10K	10K	550	500	1:1
42TM019	10K	600	600	100	3.771:1
42TM024	10K	500	550	150	---
42TM025	50K	1K	700	150	---
42TM027	1K	2K	85	85	1:1.388
42TM031	600	100	30.1	14.3	2.442:1
Schematic: B					
42TM113	8K	3K	300	200	---