THORDARSON-MEISSNER MT. CARMEL, ILLINOIS

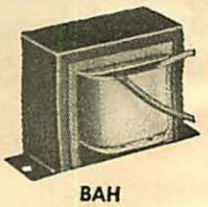
Transistor Transformers

Free "Personalized" Catalog
See Note On Next Page.

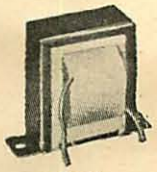
Power Transistor Outputs

These transistor output transformers have been designed to cover almost all of the power transistor applications, such as used in automobile radios, audio power amplifiers and many circuits.
The TR-57 and TR-59 has been designed to cover parallel 3.2 and 8 ohm voice coil applications. These transformers may be used with such transistors as Sylvania's 2N68, 2N95, 2N141 and CBS's 2N255 and 2N256.

Part No.	Impedance Primary	Impedance Secondary	Primary MADC	Power In Watts	Mtg. Type	Mtg. Centers	Dimensions H.	Dimensions W. x D.	Wt. Lbs.
TR-57	32CT	1.6/4	575	10	BAH	2 13/16	2	3 5/16 x 1 7/8	1.0
TR-58	32CT	3.2/8/16	575	10	BAH	2 13/16	2	3 5/16 x 1 7/8	1.0
TR-59	48CT	1.6/4	550	10	BAV	2 3/8	2 5/16	2 7/8 x 2	1.0
TR-60	48CT	3.2/8/16	550	10	BHV	2 3/8	2 5/16	2 7/8 x 2	1.0
TR-61	48CT	3.2/8/16	550	5	BHV	1 3/4	1 3/4	2 x 1 1/4	0.5
TR-62	100	3.2/8/16	150	3	BAV	1 1/2	1 1/2	1 7/8 x 1 1/4	0.4
TR-63	100CT	3.2/8/16	500	10	BAV	2 3/8	2 5/16	2 7/8 x 2	1.0



BAH



BAV

Hi-Fi Transistor Transformers

Completely encased for use in wide range transistor high fidelity audio amplifiers. Each has a frequency response of ± 1/2 db from 20-20,000 CPS in properly designed circuits.

TR-67	125CT	8	50*	1.5	XAV	1 1/4	1 3/4	1 1/4 x 1 1/4	.75
TR-68	5000	3000CT	20*	.20	XAV	1 1/4	1 3/4	1 1/4 x 1 1/4	.75

* Unbalanced primary current

BHV

Drivers

When used in conjunction with the output transformers listed above these driver transformers give the best in performance and at a very low cost.
Designed especially for driving power transistors such as Sylvania's 2N68, 2N95, 2N141 and CBS's 2N255 and 2N256.

TR-64	100	100CT	200	.5	BAH	1 3/4	1 1/4	2 1/8 x 1	.4
TR-65	100	200CT	200	.5	BAH	1 3/4	1 1/4	2 1/8 x 1	.4
TR-66	500CT	200CT	50	.5	BAH	1 3/4	1 1/4	2 1/8 x 1	.4

XAV

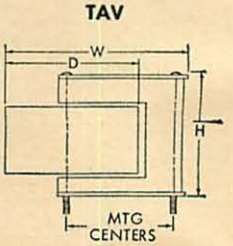
Transistor Power Supply Transformers

Recent developments in the power transistor field have made possible the design of circuits which are efficient and rugged converters of low voltage DC to high voltage AC or DC power. These transistorized power supplies are ideally suited for powering all kinds of battery operated equipment such as mobile communication systems, aircraft and marine navigational systems, photoflash, ultrasonic applications and even 117 Volts 60 CPS from an automobile battery so as to operate 117V radio, television, electric shavers, etc.
These transistor power supply transformers give a wide range of voltage and power to choose from. Complete instructions supplied with each transformer. * 60 CPS

Part No.	DC Supply Voltage	Output # Voltage	Power Output	Mtg. Type	Mtg. Centers	Dimensions H.	Dimensions W. x D.
TR-69	6	*117VAC	50	GGV	1 5/8 x 2	3 1/8	2 5/8 x 2 5/8
TR-70	12	*117VAC	50	GGV	1 5/8 x 2	3 1/8	2 5/8 x 2 5/8
TR-71	12	*117VAC	110	GGV	2 3/16 x 2 1/2	3 7/8	3 3/16 x 3 1/2
TR-72	12	*117VAC	250	GGV	3 1/16 x 3	4 5/8	3 13/16 x 4 9/16
TR-73	24	*117VAC	400	GGV	3 5/8 x 3 7/8	5 7/8	4 3/8 x 6
TR-74	12	150VDC	15	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-75	12	200VDC	20	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-76	6	225VDC	15	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-77	12	225VDC	20	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-78	12	250VDC	16.5	DAH	1 1/2	1 3/4	1 3/4 x 1 3/8
TR-79	6	250VDC	50	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-80	12	250VDC	50	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-81	12	250VDC	100	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-82	12	275VDC	48	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-83	12	300VDC	30	DAH	1 1/2	1 7/8	2 3/8 x 1 7/8
TR-84	12	300 & 150VDC	120	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-85	12	325VDC	50	DAH	1 1/2	2	2 3/8 x 2 7/16
TR-86	12	350VDC	30	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16
TR-87	12	375VDC	70	DAH	1 1/2	2	2 3/8 x 2 7/16
TR-88	4.5	390VDC	12	DAH	1 1/2	1 3/4	1 3/4 x 1 11/32
TR-89	12	400VDC	50	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-90	12	450 & 225VDC	40	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-91	12	450VDC	120	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-92	12	500 & 250VDC	50	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-93	12	500 & 250VDC	100	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-94	12	500VDC	150	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-95	12	600VDC	120	DAH	3 11/16	2	4 1/8 x 3
TR-96	12	800VDC	120	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-97	12	1000VDC	100	TAV	1 3/4 x 2 11/16	3 5/16	2 1/2 x 3
TR-98	12	1500VDC	20	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-99	6 & 12	200-225-250 or 275VDC	20	TAV	1 1/2 x 2 3/8	2 7/8	2 1/4 x 2 11/16
TR-100	25	20KC 9 ohms output	200	TAV	1 1/4 x 2 1/8	2 1/4	1 7/8 x 2 7/16

GGV

TAV



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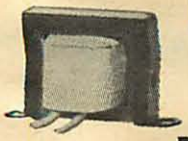
Transistor Transformers



BAH

300 Milliwatt Transistor Transformer

MTG. TYPE: BAH H. W. x D.
MTG. CENTERS 1 3/8 DIMENSIONS: 3/4 1 5/8 x 13/16

Listed In Order Of The Turns Ratio

Part No.	Turns Ratio	Impedance Wdg. #1	Impedance Wdg. #2	Resistance Wdg. #1	Resistance Wdg. #2	Applications
TR-1	1.00:1	500CT	500CT	40	55	D - J
TR-110	1.70:1	48CT	4/8/16	4.1	.78	S
TR-8	2.45:1	48CT	4/8	4	1.2	S
TR-111	2.50:1	100CT	4/8/16	11	1.5	S
TR-112	3.27:1	160	4/8/16	19	1.5	S
TR-21	4.47:1	160CT	4/8	12	1	S
TR-113	5.00:1	400CT	4/8/16	34	1.5	S
TR-114	5.60:1	500CT	4/8/16	47	.85	S
TR-115	6.63:1	700CT	4/8/16	77	1.15	S
TR-22	7.07:1	400CT	4/8	26	1.1	S
TR-116	7.9:1	1,000	4/8/16	120	1.6	S
TR-24	8.17:1	100,000	1,500CT	3,000	45	A - J
TR-117	12.5:1	2,500	4/8/16	172	1.15	S
TR-118	13.7:1	3,000	4/8/16	192	1.2	S
TR-28	14.1:1	200,000	1,000	3,000	30	A
TR-119	14.1:1	200,000CT	1,000CT	1,815	123	A
TR-33	35.4:1	250,000	200CT	4,400	8.5	A
TR-35	44.7:1	100,000	50	3,100	5	A
TR-36	50.0:1	500,000	200CT	7,000	8.5	A

MAH

50 Milliwatt-Transistor Transformers

MOUNTING— MAH DIMENSIONS: H. 7/16 W. x D. 1/2 x 7/16

Listed In Order Of The Turns Ratio

Part No.	Turns Ratio	Impedance Wdg. #1	Impedance Wdg. #2	Resistance Wdg. #1	Resistance Wdg. #2	Application
TR-37	1:1	500CT	500CT	34	42	D - J
TR-38	1.09:1	6,000	5,000CT	330	250	D - J
TR-39	1.24:1	4,000	2,600CT	330	220	D - J
TR-40	2.24:1	10,000	2,000CT	295	147	D - J
TR-41	3.16:1	500	50	35	4.6	D - S
TR-42	3.16:1	20,000	2,000CT	560	140	A - J
TR-43	3.53:1	125CT	10	11	1	S
TR-44	4.08:1	20,000	1,200	560	72	A - J
TR-45	4.46:1	1,000	1,000	73	4.6	D - S
TR-46	4.47:1	200CT	10	18	1	S
TR-47	5.46:1	380CT	10	27	1	S
TR-48	5.75:1	20,000	600	560	43	A - J
TR-49	7.06:1	500CT	10	40	1	S
TR-50	7.9:1	200CT	3.2	18	.36	S
TR-51	9.65:1	300CT	3.2	27	.36	S
TR-52	11.8:1	7,000	50	440	4.6	S
TR-53	12.5:1	500CT	3.2	40	.36	S
TR-54	14.1:1	200,000	1,000	1,300	20	A - J
TR-55	44.7:1	100,000	50	1,170	1.7	A
TR-56	30 HY @ 1 MADC 4,000 Ohms					

BCH

150 Milliwatt Transistor Transformers

MOUNTING TYPE— BCH H. W. x D.
MOUNTING CENTERS 13/16 DIMENSIONS: 11/16 13/16 x 5/8

Listed In Order Of The Turns Ratio

Part No.	Turns Ratio	Impedance Wdg. #1	Impedance Wdg. #2	Resistance Wdg. #1	Resistance Wdg. #2	Application
TR-2	1.23:1	5,000CT	7,500CT	550	980	D - J
TR-3	1.41:1	5,000CT	10,000CT	550	1,100	D - J
TR-4	1.73:1	1,500	500CT	100	45	D-J-S
TR-5	1.81:1	490CT	150CT	30	16	D - S
TR-6	1.83:1	10,000	3,000CT	820	6660	D - J
TR-7	2.24:1	10,000	2,000CT	740	300	D - J
TR-9	2.45:1	5,000	20,000CT	370	1,300	A - J
TR-10	3.00:1	5,000CT	45,000	310	1,400	A - J
TR-11	3.16:1	500CT	50	30	5	D - S
TR-12	3.16:1	100CT	10CT	13	1.5	S
TR-13	4.00:1	5,000CT	80,000	260	1,520	A - J
TR-108	4.00:1	5,000CT	80,000CT	573	5,740	A - J
TR-14	4.08:1	20,000	1,200	1,250	94	A - J
TR-106	4.08:1	20,000CT	1,200	1,860	142	A - J
TR-15	4.47:1	300CT	15	21	2.5	S
TR-16	5.00:1	400CT	16	28	2	S
TR-17	5.00:1	20,000	800CT	1,350	95	A-D-J
TR-101	5.22:1	350CT	4/12	38	1.45	S
TR-18	5.52:1	500CT	16.4	30	1.7	S
TR-102	5.53:1	500CT	4/8/16	75	3.5	S
TR-103	5.65:1	600CT	4/8/16	73	3.2	S
TR-19	6.04:1	400CT	11	27	1.3	S
TR-20	6.22:1	650CT	16.8	38	1.4	S
TR-104	6.75:1	825CT	4/8/16	14	2.7	S
TR-23	7.07:1	10,000	200CT	900	11	D - S
TR-25	8.66:1	15,000	200CT	1,100	11	J - S
TR-105	9.80:1	1,250	4/12	132	1.4	S
TR-26	10:1	50,000	500CT	1,300	30	A-D-S
TR-107	11.8:1	2,500	4/16	370	2.3	S
TR-27	12.5:1	500CT	3.2	30	.3	S
TR-29	15.6:1	825CT	3.4	40	.25	S
TR-30	15.8:1	50,000	200CT	1,400	9	A - S
TR-31	20:1	40,000	100	1,150	5	A - S
TR-109	24.6:1	10,000CT	4/8/16	1,174	2.6	S
TR-32	25.5:1	9,800	15	1,070	2.5	A - S
TR-34	40.8:1	50,000	30CT	1,400	2.5	A

Applications (A) Input, (D) Driver, (J) Interstage, (S) Output.

20 Milliwatt Transistor Transformers

MOUNTING TYPE MAH DIMENSIONS: H. 1/4 W. x D. 3/8 x 5/16

Listed In Order Of The Turns Ratio

Part No.	Turns Ratio	Impedance Wdg. #1	Impedance Wdg. #2	Resistance Wdg. #1	Resistance Wdg. #2	Applications
TR-121	1:1.1	500CT*	600	58	105	D - S
TR-122	1:1.41	300CT*	600	35	110	D - S
TR-123	1.25:1	900CT*	600	105	110	D - S
TR-124	1.58:1	1,500CT*	600	210	120	D - S
TR-125	2.24:1	10,000	2,000CT*	1,160	160	D
TR-130	2.58:1	10,000CT*	1,500CT*	1,150	105	J
TR-126	2.83:1	400	50	70	10	S
TR-127	2.89:1	10,000	1,200CT*	1,160	105	D
TR-128	3.16:1	500	50	105	10	S
TR-129	3.54:1	200CT	16	25	2.9	S
TR-131	4.46:1	1,000	50	240	15	S
TR-132	4.47:1	20,000	1,000	1,700	275	J
TR-133	4.47:1	10,000CT*	500CT*	1,160	44	D
TR-134	5:1	30,000	1,200	1,600	170	J
TR-135	5:1	30,000CT*	1,200CT*	1,500	160	J
TR-136	5:1	400CT*	16	35	2.4	S
TR-137	7.07:1	800CT*	16	86	2.4	S
TR-138	8.15:1	1,070CT*	16	100	2.4	S
TR-139	9.14:1	1,330CT*	16	150	2.4	S
TR-140	11.2:1	2,000CT*	16	240	2.3	S
TR-141	13.7:1	600	3.2	90	.8	S
TR-142	14.1:1	200,000	1,000	6,500	250	A
TR-143	14.1:1	200,000CT	1,000CT	6,500	250	A
TR-144	19.3:1	1,200	3.2	190	.8	S
TR-145	25:1	10,000CT*	16	750	2.3	S
TR-146	56:1	10,000	3.2	1,500	.8	S
TR-147	1 HY @ 2 MADC 130 Ohms DC Resistance					
TR-148	3 HY @ 2 MADC 330 Ohms DC Resistance					
TR-149	6 HY @ 2 MADC 1180 Ohms DC Resistance					
TR-150	12 HY @ 0 MADC 1880 Ohms DC Resistance					
TR-151	20 HY @ 0 MADC 2850 Ohms DC Resistance					

* Balanced windings.

Applications (A) Input, (D) Driver, (J) Interstage, (S) Output

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More than 2500 additional top quality transformers and coils are listed in THORDARSON-MEISSNER'S loose-leaf, always current catalog which will be registered in your name. Just send your name and address to THORDARSON-MEISSNER, Dept. R., Mt. Carmel, Ill.

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