



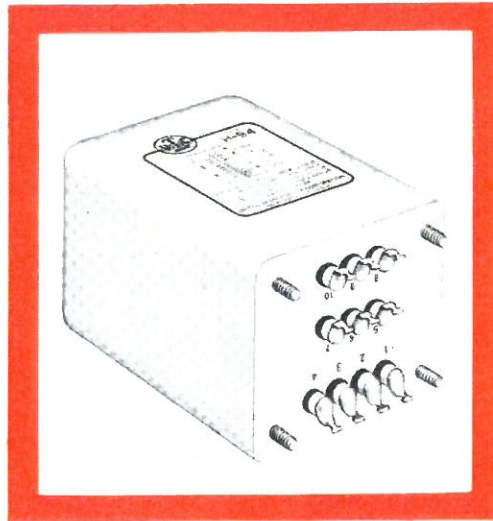
UNIVERSAL TRANSISTOR SUPPLY TRANSFORMERS

HERMETICALLY SEALED

Manufactured & Guaranteed to MIL-T-27A by Full Environmental Testing, see back cover

LOW VOLTAGE DC SUPPLY . . . TELEPHONE SUPPLY . . .
BIAS SUPPLY . . . BATTERY CHARGERS . . . PLATING RECTIFIERS

UTC universal transistor supply transformers are high reliability units in drawn MIL cases. The chart below shows the secondary voltages available and the approximate DC voltages which result in typical silicon rectifier circuits (at MIL currents shown). Primary taps can modify nom. AC voltages by -6%, +6%, and +12%. Since the capacitor follows the rectifier effects the DC voltage, values used (in 1000 mfd) are shown, in parenthesis (), after each current rating. Case dimensions on page 29.



PRIMARY 115 VOLTS, 50/60 CYCLES NOMINAL SEC. VOLTS, 8.25 TO 40.5			
TYPE NO.	MIL DC RANGE	INDUST. DC RANGE	MIL CASE (Pg. 29)
New H-915	6V-.065A to 53V-.02A	6V-.085A to 53V-.025A	AH
New H-925	6V.22A to 53V-.07A	6V-.28A to 53V-.085A	AJ
New H-935	6V-1.2A to 53V-.4A	6V-1.52A to 53V-.48A	FA
H-94	6V-3A to 53V-1A	6V-3.8A to 53V-1.2A	HA
H-95	6V-7.5A to 53V-2.5A	6V-9A to 53V-3A	KA
H-96	6V-18A to 53V-6A	6V-23A to 53V-7.5A	OA
PRIMARY 115 VOLTS, 50/60 CYCLES NOMINAL SEC. VOLTS, 16.5 TO 81			
New H-965	12V-1.5A to 106V-.5A	12V-1.9A to 106V-.6A	HA

MIL-T-27A RATINGS IN REGULAR TYPE, INDUSTRIAL RATINGS IN BOLD TYPE

Nom. AC Volts ^o Appr. DC Volts ^o	FULL WAVE BRIDGE SILICON RECTIFIER							FULL WAVE CT			
	40.5	32.25	28.5	24	20.25	16.5	12	8.25	40.5 CT	24 CT	16.5 CT
H-915 DC Amp.	.02 (.1)	.023(.1)	.025(.1)	.027(.1)	.042(.2)	.035(.2)	.055(.2)	.065(.2)	.035(.2)	.040(.2)	.055(.2)
H-915 DC Amp.	.025(.1)	.035(.1)	.040(.1)	.042(.1)	.055(.2)	.042(.2)	.070(.2)	.085(.2)	.042(.2)	.055(.2)	.068(.2)
H-925 DC Amp.	.07 (.1)	.08 (.1)	.085(.1)	.09 (.1)	.14 (.2)	.11 (.2)	.18 (.2)	.22 (.2)	.11 (.2)	.13 (.2)	.17 (.2)
H-925 DC Amp.	.085(.1)	.12 (.1)	.13 (.1)	.14 (.1)	.18 (.2)	.14 (.2)	.23 (.2)	.28 (.2)	.14 (.2)	.17 (.2)	.21 (.2)
H-935 DC Amp.	.4 (.5)	.44 (.5)	.48 (.5)	.52 (.5)	.8 (1.0)	.6 (1.0)	1.0 (2.0)	1.2 (2.0)	.6 (1)	.72 (1)	.92 (2)
H-935 DC Amp.	.48 (.5)	.6 (.5)	.6 (.5)	.64 (.5)	1.0 (1.0)	.8 (1.0)	1.2 (2.0)	1.52 (2)	.8 (1)	.88 (1)	1.12 (2)
H-94 DC Amp.	1 (.5)	1.1 (.5)	1.2 (.5)	1.3 (.5)	2 (1)	1.5 (1)	2.5 (2)	3 (2)	1.5 (1)	1.8 (1)	2.3 (2)
H-94 DC Amp.	1.2 (.5)	1.5 (.5)	1.5 (.5)	1.6 (.5)	2.5 (1)	2 (1)	3 (2)	3.8 (2)	2 (1)	2.2 (1)	2.8 (2)
H-95 DC Amp.	2.5 (1)	3 (1)	3 (1)	3.5 (1)	5 (2)	3.7 (2)	6 (4)	7.5 (4)	3.7 (2)	4.5 (2)	5.5 (4)
H-95 DC Amp.	3 (1)	3.5 (1)	3.8 (1)	4 (1)	6 (2)	4.5 (2)	7.5 (4)	9 (4)	4.5 (2)	5.5 (2)	6.7 (4)
H-96 DC Amp.	6 (4)	7 (4)	7.5 (4)	8 (4)	12 (6)	9 (6)	15 (12)	18 (12)	9 (6)	11 (6)	13.5 (12)
H-96 DC Amp.	7.5 (4)	8.5 (4)	9.5 (4)	10 (4)	15 (6)	11 (6)	19 (12)	23 (12)	11 (6)	13.5 (6)	17 (12)
Nom. AC Volts ^o Appr. DC Volts ^o	81 106	64.5 82	57 68	48 50	40.5 48	33 36	24 24	16.5 12	81 CT 48	48 CT 24	33 CT 13
H-965 DC Amp.	0.5 (.125)	0.55 (.125)	0.6 (.125)	0.65 (.125)	1.0 (.25)	0.75 (.25)	1.25 (.5)	1.5 (.5)	0.75 (.25)	0.9 (.25)	1.15 (.5)
H-965 DC Amp.	0.6 (.125)	0.75 (.125)	0.75 (.125)	0.8 (.125)	1.25 (.25)	1.0 (.25)	1.5 (.5)	1.9 (.5)	1.0 (.25)	1.1 (.25)	1.4 (.5)

^oNom. AC and DC volts are at 115 volt input . . . primary taps can modify -6%, +6%, and +12%.

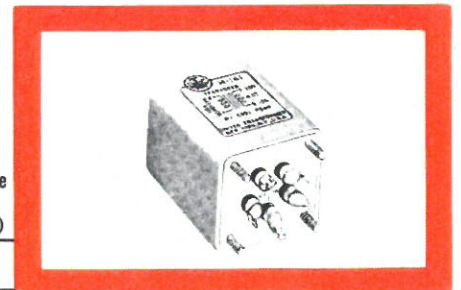


TRANSISTOR SUPPLY TRANSFORMERS

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Type No.	MIL Type	Sec. V Rms	Sec. A Rms	Sec. in Parallel				Sec. in Series				Mil Case (see page 29)		
				Choke DCV	Input DCA	Cond. DCV	Input DCA	Choke DCV	Input DCA	Cond. DCV	Input DCA			
H-141	TF4RX02EB Full wave C.T.	20 CT	.3	16.5 8	.3 .43	26 12	.2 .3	.2 .5					EB	
H-142	TF4RX02EA Full wave C.T.	20 CT	.6	16.5 9	.6 .85	26 13	.4 .6	.4 1					EA	
H-143	TF4RX02HA	17/21.5 17/21.5	1.5 1.5	14/17.5	3	18.5/25	2	1	28/35	1.5	43/56	1	.5	HA
H-144	TF4RX02LA	17/21.5 17/21.5	4 4	14/17.5	8	18.5/25	5	2	28/35	4	43/56	2.5	1	LA
H-145	TF4RX02YY	17/21.5 17/21.5	9 9	14/17.5	18	18.5/25	12	6	28/35	9	43/56	6	4	RC-175 Pg. 46
H-146	TF4RX02YY	34/43 34/43	4.5 4.5	28/35	9	43/56	6	4	56/70	4.5	85/110	3	1	RC-175 Pg. 46
H-147	TF4RX02KA	10	20	8.2	20	10	13	12						KA



Primary 115V, 50/60 cycles (tapped on H-143 thru H-146 for dual secondary voltages). DC ratings are approximate, based on silicon bridge rectifier (except H-141, H-142 also shown F.W.C.T.). Choke input DCV is based on 10% voltage drop in choke. Condenser value, C, is in 1000 mfd. H-141, H-142, H-147 listing under "Sees in parallel" is single winding.

AND SPECIAL CUSTOM BUILT TRANSISTOR SUPPLY TRANSFORMERS TO YOUR SPECIFICATIONS

Above stock units cover general purpose applications. For specific applications cost reductions may be effected.