

TAIYO YUDEN (USA) INC 33E D ■ 8835475 0000466 2 ■ TYI

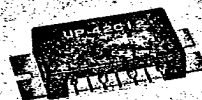
高周波パワーアンプモジュール

T-74-09-01

HIGH-FREQUENCY POWER AMPLIFIER MODULES

高周波パワーアンプモジュールは、トランシーバ等の各種無線機器の送信出力増幅用に設計、製作されたものです。用途に応じてアマチュア無線機用やマリナー無線機用、簡易無線機用など各標準品種があります。これらは、いずれも次の「外形寸法」の項のように8種のパッケージにまとめられていますので、無線機器の標準化に最適です。

High-frequency power amplifier modules have been designed and produced for the amplification of the transmitting output power of transceivers and other kinds of radio equipment. Various standard types are available for specific applications, such as amateur transmitters, marine transmitters, simple transmitters, etc., made up of combinations of the eight modules described below. These are suitable for the standardization of transmitting equipment of all kinds.



特性 Characteristics

形名 Ordering code	周波数帯域 Frequency band (MHz)	出力電力 Output (w)	電源電圧 Power source voltage (v)	高調波 High harmonic (dB)	総合効率 Combined efficiency (%)	入力電力 Input (mW)	パッケージ Package	用途 Applications
VP-15B9.605	148 to 162	2.5	9.6	-25	45	20	TC-15HC	FM小型送信機、1~2W用 FM miniaturized transmitter for 1~2W
VP-15C12	145 to 162	6.5	12.5	-20	45	200	TC-3HL	FM送信機、2~5W用 FM transmitter for 2~5W
VP-17C12	160 to 174	6.5	12.5	-20	45	250	TC-3HL	FM送信機、2~5W用 FM transmitter for 2~5W
VP-15D1205	142 to 162	13.0	12.5	-20	45	200	TC-12HC	FM送信機、10W用 FM transmitter for 10W
VP-15E1305	144 to 148	30.0	13.5	-20	45	250	TC-12HC	FM送信機、25W用 FM transmitter for 25W
VP-15E1306	156 to 158	30.0	13.5	-20	45	250	TC-12HC	FM送信機、マリナーバンド25W用 FM transmitter marine band for 25W
UP-45B1202	450 to 470	3.5	12.0	-25	40	100	TC-8HC-02	FM小型送信機、2~3W用 FM miniaturized transmitter for 2~3W
UP-36C12	355 to 375	6.5	12.5	-30	40	200	TC-3HL	FM送信機、2~5W用 FM transmitter for 2~5W
UP-42C12	400 to 420	6.5	12.5	-30	40	200	TC-3HL	FM送信機、2~5W用 FM transmitter for 2~5W
UP-45C12	450 to 470	6.5	12.5	-30	40	250	TC-3HL	FM送信機、2~5W用 FM transmitter for 2~5W
UP-36D12	355 to 375	13.0	12.5	-30	40	200	TC-1HL	FM送信機、10W用 FM transmitter for 10W
UP-45D12	450 to 470	13.0	12.5	-30	40	250	TC-1HL	FM送信機、10W用 FM transmitter for 10W
UP-903C12.6	890 to 915	7.0	12.5	-30	30	100	TC-26H	自動車電話(US用) Automobile telephone (for US)
UP-835A7.2D	824 to 849	2.0	7.2	-30	37	1	TC-31	携帯電話(US用) Portable telephone (for US)
UP-835C12.6A	824 to 849	7.0	12.5	-30	35	1.6	TC-37	自動車電話(US用) Automobile telephone (for US)
UP-903A7.2	890 to 915	2.0	7.2	-30	37	1	TC-31	携帯電話(UK用) Portable telephone (for UK)

高周波パワーアンプ モジュール

HIGH-FREQUENCY POWER AMPLIFIER MODULES

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高周波部品

HIGH-FREQUENCY COMPONENTS

TAIYO YUDEN (USA) INC

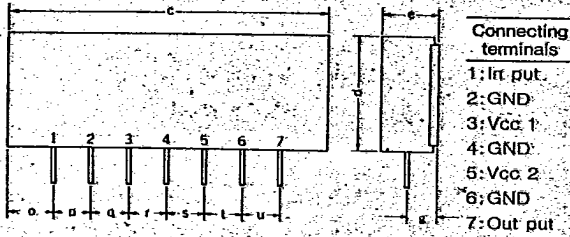
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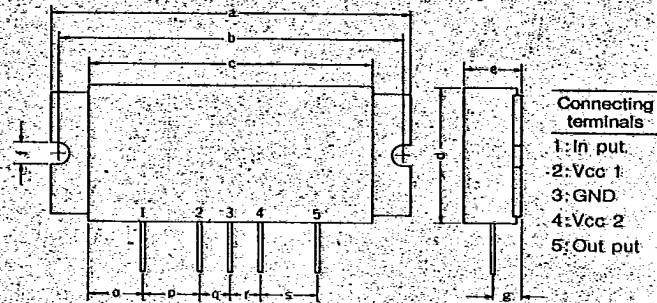
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外形寸法 (表示はパッケージ分類記号) EXTERNAL DIMENSIONS package classification symbol

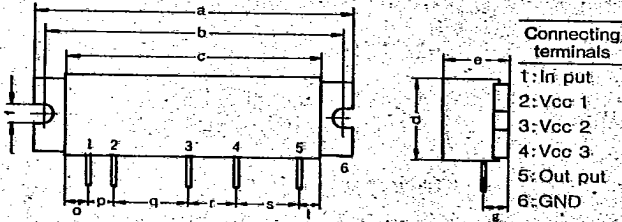
TC-8HC-02



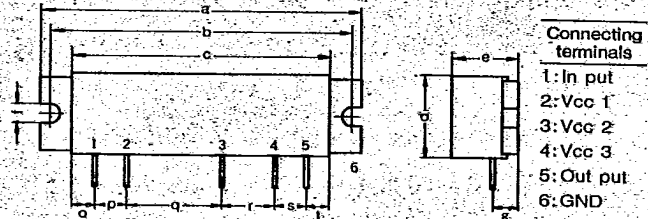
TC-12HC



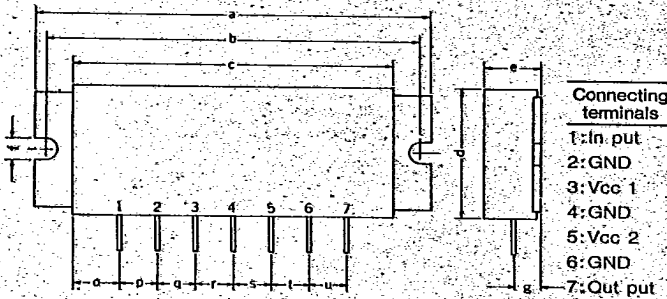
TC-26H



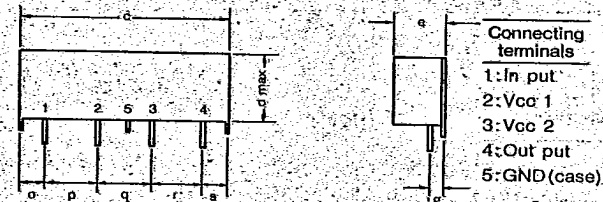
TC-31, TC-37



TC-1HL, TC-3HL



TC-15HC



パッケージ分類 Package classification	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	
TC-1HL	85	78	68	28.4	13.5	4.2	7	15.3	5	7.5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TC-3HL	65	58	48	28.4	13.0	4.2	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TC-12HC	65	58	48	24.5	10.5	4.2	3.5	9	10	5	5	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TC-8HC-02	-	-	48	20	13.0	-	-	6	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TC-26H	66	60	52	23.5	11.0	4.0	3	5.1	5.1	15.2	10.2	12.7	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TC-31	50	47	40.3	13.3	10.0	3.0	4	3.15	5.1	15.2	7.7	5.0	3.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TC-37	60.5	57.5	50.2	14.0	6.6	3.2	2.3	5.0	13.0	9.5	12.5	8.0	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TC-15HC	-	-	40.0	13.5	9.0	-	2.0	5.0	10.0	10.0	10.0	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-