

6025-SE выходной трансформатор почти такой же как 3025-SE, кроме того, что его выходная мощность составляет 30 W. 300B-I можно применять параллельно, а также и параллельно 2 x EL34/КТ88/КТ90, без низкочастотного насыщения трансформатора, при сохранении отличного широкочастотного диапазона без резонансов или перегрузок. И здесь удивляет превосходное воспроизведение микродеталей.

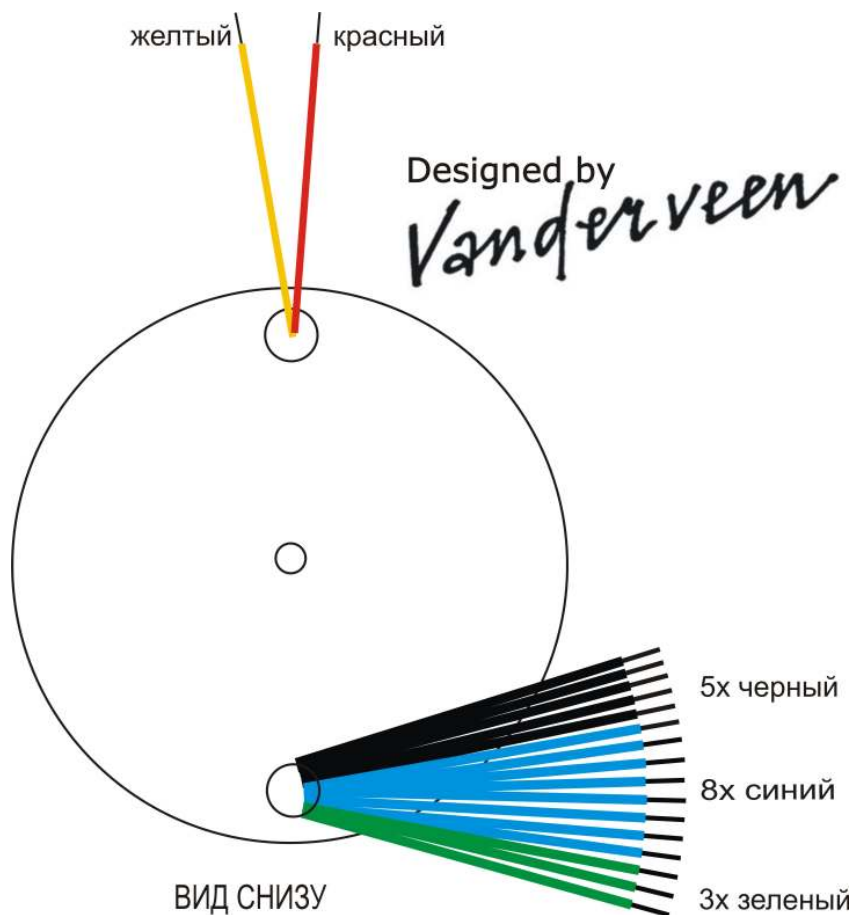
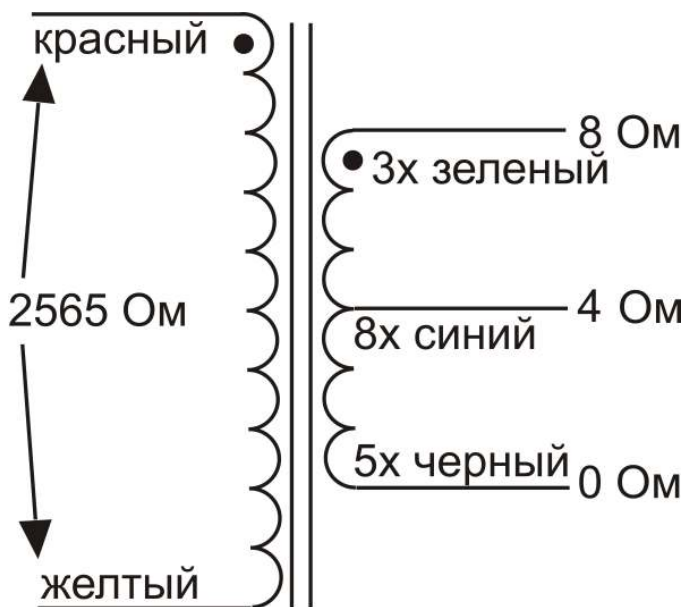
Трансформатор залитый в металлическом корпусе с полимерным покрытием черного цвета.

Размеры (диаметр x высота): 155мм x 90мм.

Вес: 6,3 кг.

Цена: 364€

Технические данные:



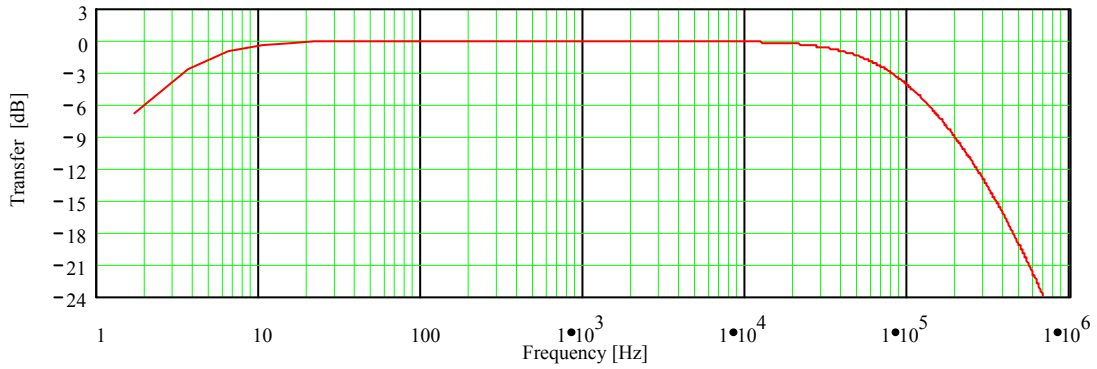
VDV-6025-SE SINGLE ENDED OUTPUT TRANSFORMER

TYPE & APPLICATION	:	VDV-6025-SE	
Primary Impedance	:	Raa = 2.565	[kΩ]
Secondary Impedance	:	Rls = 4	[Ω]
Turns Ratio Np/Ns	:	Ratio = 25.324	[]
-.1 dB Frequency Range [Hz] - [kHz]	:	flf = 15.322	fhf = 17.998
-1 dB Frequency Range [Hz] - [kHz]	:	fl1 = 6.535	fh1 = 40.812
-3 dB Frequency Range [Hz] - [kHz]	:	fl3 = 3.326	fh3 = 79.253
Nominal Power (1)	:	Pn = 30	[W]
Full Power Bandwidth Starting at	:	fPnom = 20	[Hz]
Total Primary Inductance (2)	:	Lp = 21	[H]
Primary Leakage Inductance to sec.	:	lsp = 6.3	[mH]
Effective Primary Capacitance	:	Cip = 0.75	[nF]
Saturation Primary Current	:	2·Idc = 305.871	[mA]
Total Primary DC Resistance	:	Rip = 47.5	[Ω]
Total Secondary DC Resistance	:	Ris = 0.07	[Ω]
Tubes Plate Resistance	:	rp = 0.48	[kΩ]
Insertion Loss	:	lloss = 0.154	[dB]
Q-factor 2-nd order HF roll-off (5)	:	Q = 0.368	[]
HF roll-off Specific Frequency (5)	:	Fo = 187.199	[kHz]
Quality Factor = Lp/Lsp (5)	:	QF = 3.333·10 ³	[]
Quality Decade Factor (5)	:	QDF = 3.523	[]
Tuning Factor (5)	:	TF = 7.149	[]
Tuning Decade Factor (5)	:	TDF = 0.854	[]
Frequency Decade Factor (4,5)	:	FDF = 4.377	[]

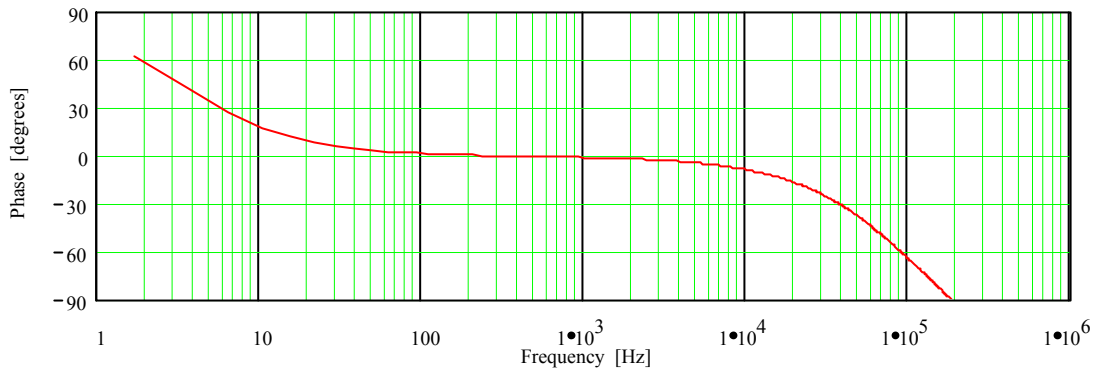
- (1): calculated and measured under the conditions of applying 0.5·Idc-sat.
(2): 132 Volt 50 Hz measurement over the total primary winding
(3): calculated and measured at 1 Watt in Rls; ri and Rls are pure Ohmic
(4): defined as FDF = log(fh3/fl3) = number of frequency decades transfered
(5): ir. Menno van der Veen; Theory and Practise of Wide Bandwidth Toroidal
Output Transformers, 97-th AES Convention San Francisco, preprint
(C): copyright Vanderveen 1997, Version 1.3: design date 2-7-07

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[dB] Frequency Response; Vertical: 3 dB/div; Horizontal: 1 Hz to 1 MHz (3)



[degrees] Phase Response; Vertical: 30 deg./div; Horizontal: 1 Hz to 1 MHz



[degrees] Differential Phase Response; vert. 30 deg./div; hor. 1 Hz to 1 MHz
See: W.M.Leach, Differential Time Delay.; JAES sept.89 pp.709-715

