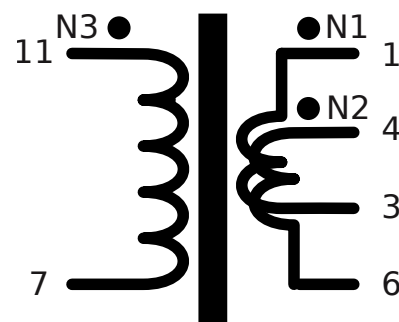
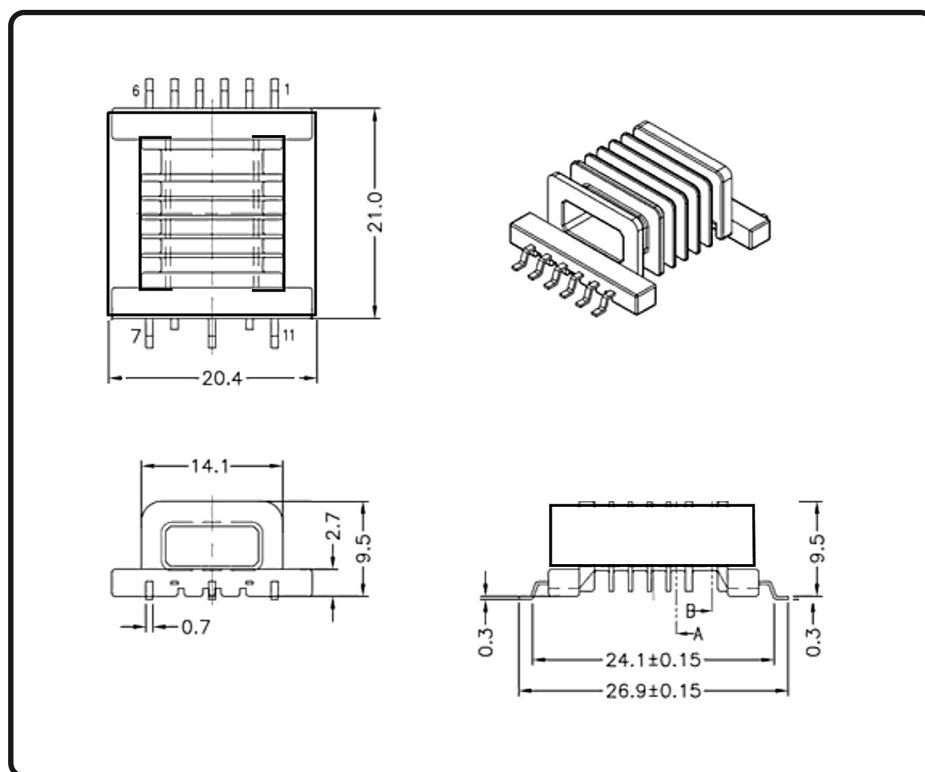


Component Specification

Page 1 of 2

Buyer	Cibolo	1218 W39th St.	Austin TX 78756 USA
Purchasing cont.	John Griessen	john@cibolo.com	1 512 451 8207
Technical contact	John Griessen		
Component Description	HV Pulse Transformer		
Part Number	CS-HVT-EFD20-01	Core	TDG EFD20.4
Spec. revision:	03	Core Material	TP4W
Bobbin	http://hongqiaoelectron.com/ProductShow_Search%20Products___477.htm		
bobbin substitute OK	Core and bobbin must fit together well		



winding number	start pin	end pin	Wire Size	Turns
N1	1	to 3	23 AWG	6
N2	4	to 6	23 AWG	6
N3	11	to 7	37 AWG	600

N1 and N2 windings bifilar wound.

Component Specification

Page 2 of 2

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Technical contact	John Griessen		
Component Description	HV Pulse Transformer		

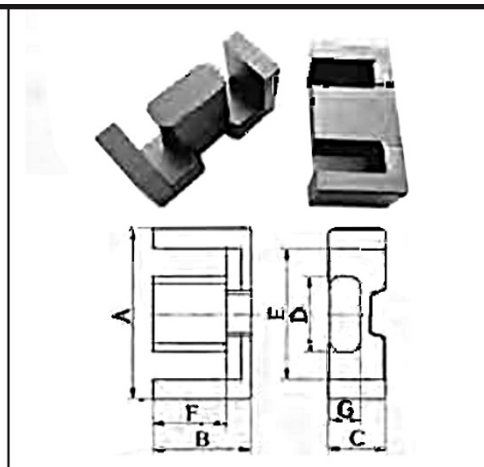
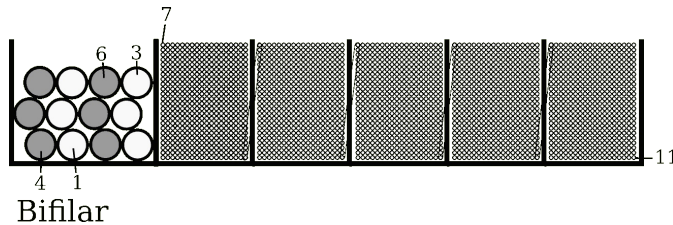


FIG.4

EFD 型 / EFD Core

型号 TYPE	图例 FIG.	尺寸 Dimensions (mm)							
		A	B	C	D	E	F	G	
EFD20.4	4	20.4±0.55	10.00±0.15	6.65±0.15	8.90±0.20	15.80±0.30	7.70±0.25	3.60±0.15	
					AL(±25%)				重量 g / PRS
C1	Ae	Le	Amin	Ve	TP4	TP4A	TP4W	TPW33	
1.58	30.26	47.81	30.59	1446.70	1380	1430	1680	1790	7.40

If any substitution, must fit with bobbin.		If any substitution, sizes must increase.	
Material must be TP4W or equivalent.		Inductance should be within +/- 10% part to part once it is determined.	
Voltage withstand Primary to Sec.	2000V	Operating frequency is 100kHz square wave.	
Voltage withstand Primary, Sec. to core	2000V	Entire assembly is to be reflow solderable.	