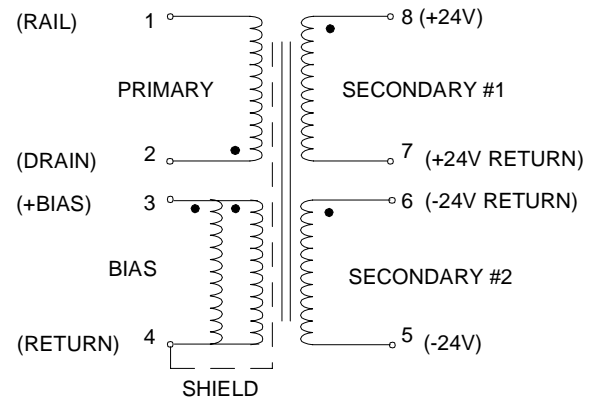


Flyback Transformer TOP224Y/TOP225Y

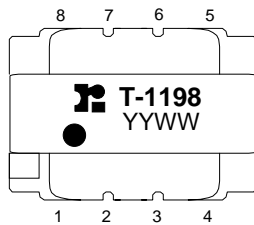
Turns Ratio	Bias (3-4) : Primary (2-1)	1 : 8.375 ± 4%
	Sec. #1 (8-7) : Primary (2-1)	1 : 4.250 ± 4%
	Sec. #2 (6-5) : Primary (2-1)	1 : 4.250 ± 4%

PARAMETER	MIN.	TYP.	MAX.	UNITS
Primary Inductance (2-1) ¹	585	650	715	μH
Pri. Leakage Ind. ¹ (Sec. Shorted)			35	μH
APP Circuit parameters :				
AC Line Voltage 47/400 Hz	85		265	Vac
Sec #1 Output Voltage		+24.0		Vdc
Output Current Continuous	50		+400	mA
Sec #2 Output Voltage		-24		Vdc
Output Current Continuous	50		-400	mA
Peak Current Out, Each Sec.			±450	mA
Line Regulation (85 to 265Vac)		0.20		±%
Load Regulations 10-100%		0.20		±%
Ripple		50.0		±mV
Isolation Primary & Bias to Secondaries	3000			V _{Rms}

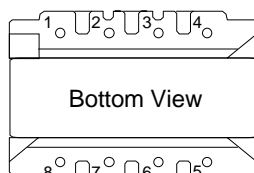
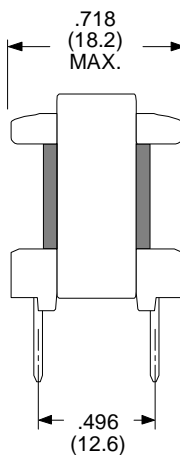
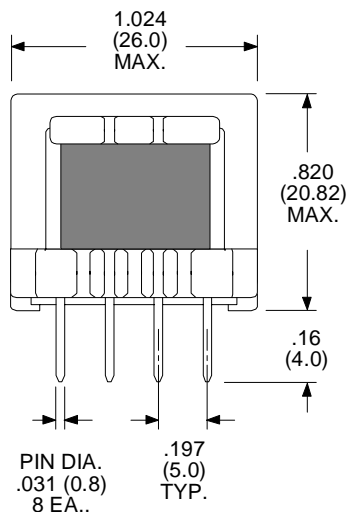
SCHEMATIC DIAGRAM



1. Voltage = 0.250 Vrms Frequency = 100 kHz



Physical Dimensions
inches (mm)



Materials used in construction of this component meet or exceed UL Class F (155°C)

Before core halves are assembled to bobbin, the Bottom half of core is wrapped with kapton tape to provide 6.2mm creepage, pin to core and core to pin.

RHOMBUS P/N: **T-1198**

CUST P/N:

NAME:

DATE: **3/08/99**

SHEET: 1 of 1