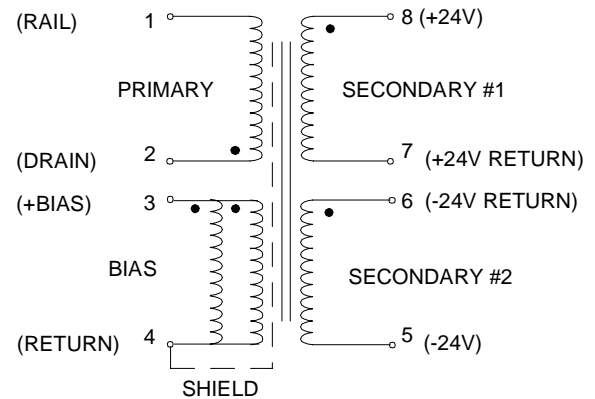


Flyback Transformer TOP224Y/TOP225Y

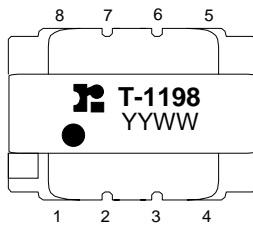
| | | |
|-------------|-------------------------------|----------------|
| Turns Ratio | Bias (3-4) : Primary (2-1) | 1 : 8.375 ± 4% |
| | Sec. #1 (8-7) : Primary (2-1) | 1 : 4.250 ± 4% |
| | Sec. #2 (6-5) : Primary (2-1) | 1 : 4.250 ± 4% |

| 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} |

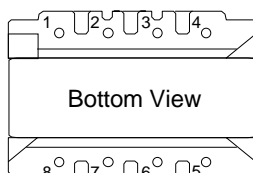
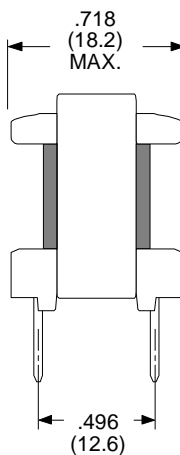
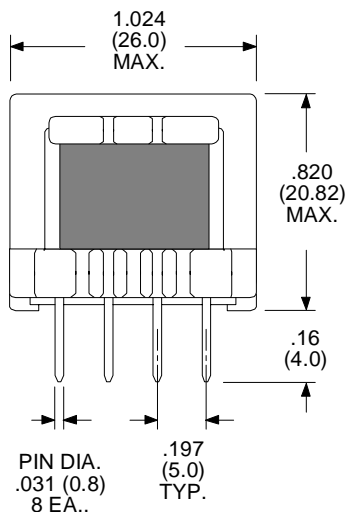
SCHEMATIC DIAGRAM



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