

F-139P

Electrical Specifications (@25C)

1. Maximum Power: 1.5 VA
2. Primary: 115V 50/60 Hz
3. Secondary: Series: 12.6V CT @ 0.120 Amps
Parallel: 6.3V CT @ 0.240 Amps

Description:

The F-139P is part of a wide selection of plug-in types that meet the needs of PC boards and solid state power supply design. This transformer can satisfy power as well as control and instrumentation applications.

Construction:

Wound on a single channel nylon bobbin. Materials are UL recognized, Class B (130° C) rated.

Safety:

These products are 100% hipot tested with an insulation of 1500V between primary and secondary windings.

Dimensions:

Units: In inches

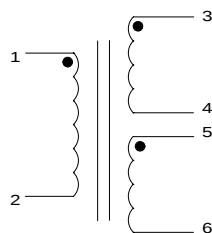
A	B	C	D	E
1.187	1.390	1.562	0.312	1.00

Pin length: 0.187 in.

Pin size: 0.20 x .041 in.

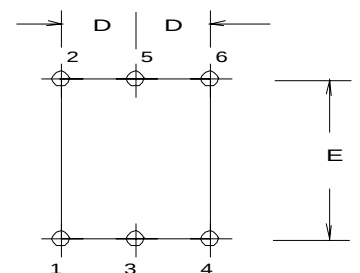
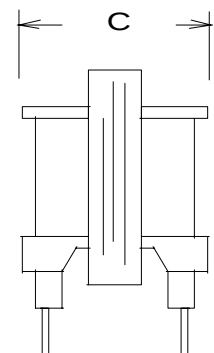
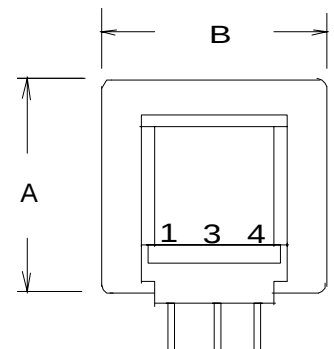
Weight: 3.5 oz

Schematic:



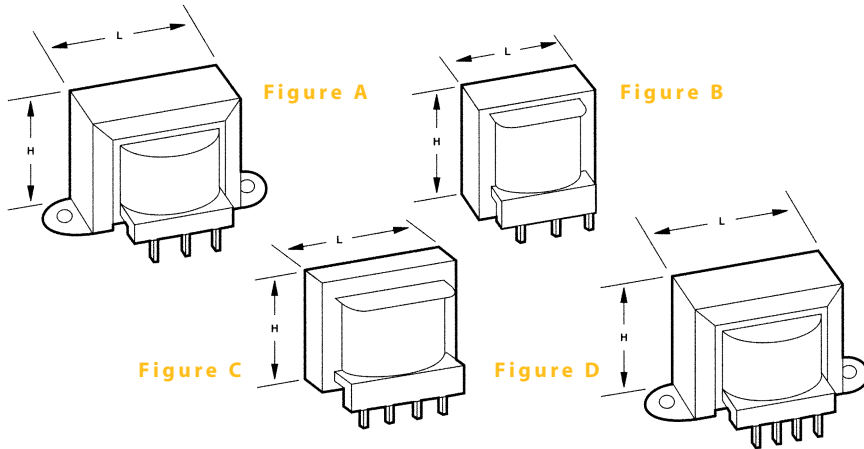
Primary: 1 to 2
 Secondary: Series - 3 to 6, Jumper 4 to 5
 Parallel - 3 to 5, Jumper 3 to 5 and 4 to 6

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2002/95/EC, known as the RoHS initiative.



Power Transformers

PC Mount



:: Description

Triad power transformers are offered in a wide selection of plug-in types to meet the needs of PC board and solid state power supply designs. These transformers can satisfy power as well as control and instrumentation applications. The transformers are available in single or dual primary and dual center tapped secondary configurations.

:: Specifications

Primary: 115 V, 50/60 Hz

:: Single Primary, Dual Secondaries

Section	Type No.	Figure	VA	Secondary		Dimensions							Wt. Oz.
				Series	Parallel	H	W	D	L	A	B	MW	
A	F-131P F-139P F-132P F-150P F-138P F-133P F-160P F-137P F-134P F-135P F-136P	B	1½	8.0V CT @ 0.188A 12.6V CT @ 0.12A 15.0V CT @ 0.100A 17.0V CT @ 0.085A 25.2V CT @ 0.06A 30.0V CT @ 0.050A 34.0V CT @ 0.045A 40.0V CT @ 0.038A 54.0V CT @ 0.028A 76.0V CT @ 0.020A 116.0V CT @ 0.013A	4.0V @ 0.376A 6.3V @ 0.24A 7.5V @ 0.200A 8.5V @ 0.170A 12.6V @ 0.12A 15.0V @ 0.100A 17.0V @ 0.090A 20.0V @ 0.076A 27.0V @ 0.056A 38.0V @ 0.040A 58.0V @ 0.026A	1⅜	•	1⅜	1⅝ ₆₄	⅝ ₁₆	1	•	3.5
B	F-141XP F-149XP F-142XP F-161XP F-148XP F-143XP F-162XP F-147XP F-144XP F-145XP F-146XP	A	4½	8.0V CT @ 0.562A 12.6V CT @ 0.35A 15.0V CT @ 0.300A 17.0V CT @ 0.264A 25.2V CT @ 0.178A 30.0V CT @ 0.150A 34.0V CT @ 0.132A 40.0V CT @ 0.112A 54.0V CT @ 0.084A 76.0V CT @ 0.060A 116.0V CT @ 0.033A	4.0V @ 1.124A 6.3V @ 0.70A 7.5V @ 0.600A 8.5V @ 0.528A 12.6V @ 0.356A 15.0V @ 0.300A 17.0V @ 0.264A 20.0V @ 0.224A 27.0V @ 0.168A 38.0V @ 0.120A 58.0V @ 0.066A	1⅞	2⅝	1¼	1⅝ ₆₄	⅝ ₃₂	1⅝ ₂	2	7.5
C	F-151XP F-159XP F-152XP F-163XP F-158XP F-153XP F-164XP F-157XP F-154XP F-155XP F-156XP	A	7½	8.0V CT @ 0.940A 12.6V CT @ 0.60A 15.0V CT @ 0.500A 17.0V CT @ 0.441A 25.2V CT @ 0.30A 30.0V CT @ 0.250A 34.0V CT @ 0.220A 40.0V CT @ 0.188A 54.0V CT @ 0.140A 76.0V CT @ 0.100A 116.0V CT @ 0.085A	4.0V @ 1.88A 6.3V @ 1.2A 7.5V @ 1.000A 8.5V @ 0.882A 12.6V @ 0.60A 15.0V @ 0.500A 17.0V @ 0.440A 20.0V @ 0.376A 27.0V @ 0.280A 38.0V @ 0.200A 58.0V @ 0.130A	1⅝	2⅝ ₁₆	1⅝ ₃₂	1⅝ ₆₄	⅝ ₃₂	1⅝ ₁₆	2⅝ ₈	10.5

CT = Center Tap Mounting hole size: Figure A = ⅜"

:: 115 Volts, 50/60 Hz Primary/Triple Output Secondaries for ±15 VDC and +5 VDC

Section	Type No.	Figure	VA	Secondary No. 1	Secondary No. 2	Dimensions							Wt. Oz.
						H	W	D	L	A	B	MW	
D	F-165P F-167P	C	1½	24.0V CT @ 0.025A 32.0V CT @ 0.020A	9.0VCT @ 0.100A 15.0V CT @ 0.060A	1⅞ ₁₆	1⅝ ₆₄	1⅜ ₃₂	1⅝ ₆₄	⅜ ₆₄	1	•	3.5
E	F-168XP	D	4½	32.0V CT @ 0.050A	15.0V CT @ 0.195A	1⅞ ₁₆	2⅝	1⅜ ₄	1⅝ ₆₄	⅜ ₄	1⅜ ₃₂	2	7.5
F	F-166XP F-169XP	D	7½	24.0V CT @ 0.125A 32.0V CT @ 0.100A	9.0V CT @ 0.500A 15.0V CT @ 0.287A	1⅝	2⅜ ₁₆	1⅝ ₃₂	1⅝ ₆₄	⅜ ₄	1⅜ ₁₆	2⅝	10.5

CT = Center Tap Mounting hole size: Figure A = ⅜"

Outline Dimensions

Technical Notes

1. Hi-pot tested at 1,500 VRMS.

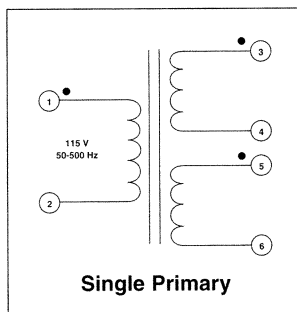


Figure A

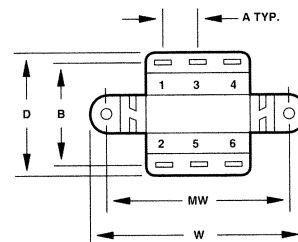
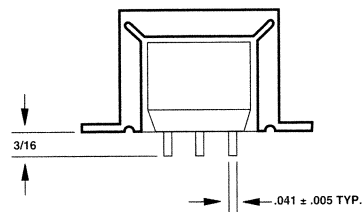


Figure B

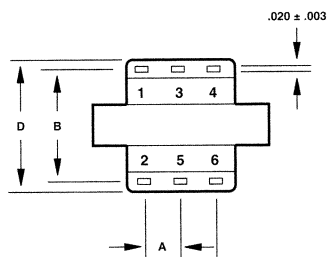
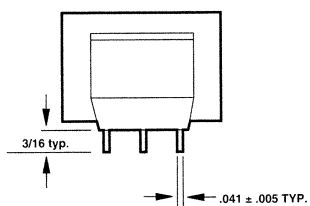


Figure C

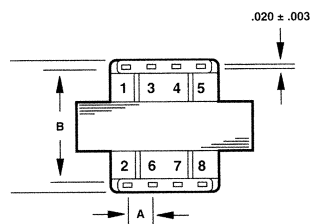
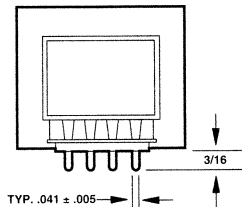


Figure D

