

T-57-05

PC and Chassis Mount Single, Dual Out to 15W

Single Output

Voltage	Current	Case Config.	MIL #
5	250 ma	B	I5SB25
5	500 ma	B	I5SB50
5	1000 ma	A	I5SA1A
5	2000 ma	C	I5SC2A
6	450 ma	B	I6SB45
6	900 ma	A	I6SA90
8	350 ma	B	I8SB35
8	700 ma	A	I8SA70

Voltage	Current	Case Config.	MIL #
10	250 ma	B	I10SB25
10	500 ma	A	I10SA50
12	250 ma	B	I12SB25
12	500 ma	A	I12SA50
15	200 ma	B	I15SB20
15	500 ma	A	I15SA50
18	100 ma	B	I18SB10
18	200 ma	A	I18SA20

Voltage	Current	Case Config.	MIL #
20	100 ma	B	I20SB10
20	200 ma	A	I20SA20
24	100 ma	B	I24SB10
24	200 ma	A	I24SA20
28	100 ma	B	I28SB10
28	200 ma	A	I28SA20

Dual Output

Voltage	Current	Case Config.	MIL #
± 12	± 30 ma	B	I12DB03
± 12	± 50 ma	B	I12DB05
± 12	± 120 ma	B	I12DB12
± 12	± 240 ma	A	I12DA24
± 12	± 300 ma	C	I12DC30
± 12	± 400 ma	C	I12DC40
± 15	± 30 ma	B	I15DB03

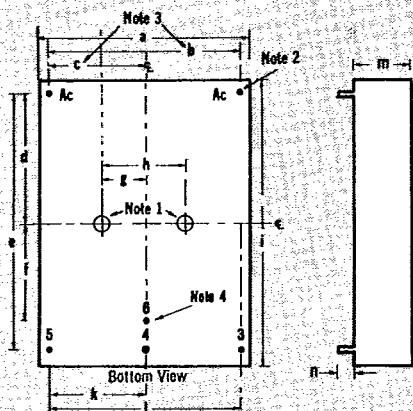
Voltage	Current	Case Config.	MIL #
± 15	± 65 ma	B	I15DB06
± 15	± 100 ma	B	I15DB10
± 15	± 200 ma	A	I15DA20 *
± 15	± 350 ma	C	I15DC35
± 18	± 30 ma	B	I18DB03
± 18	± 50 ma	B	I18DB05
± 18	± 100 ma	A	I18DA10 *

Voltage	Current	Case Config.	MIL #
± 18	± 200 ma	A	I18DA20
± 20	± 80 ma	B	I20DB08
± 20	± 200 ma	C	I20DC20
± 24	± 50 ma	B	I24DB05
± 24	± 100 ma	A	I24DA10
± 28	± 200 ma	C	I28DC20

* For Chassis Mount Option add Suffix T (refer to page 10)

T Option may require next higher case size (consult factory)

DIMENSIONS



Notes:

1. 4-40 Insert .125 (3) Deep Min.
2. All Pins .040 Diameter
3. Suffix W: Dimension b = 2.2 (56)
c = 1.1 (28)
4. Pin 6 provided only on F option models.

See columns a, l, and m below for package outline.

CONNECTIONS

Single Outputs - Standard	Single Outputs - W Option Only	Dual Outputs - Standard and W Option
Pin 3 - Vdc Out	Pin 3 No Connect	Pin 3 - Vdc Out
4 No Connect	4 - Vdc Out	4 Common Out
5 + Vdc Out	5 + Vdc Out	5 + Vdc Out
6 Faraday Shield*	6 Faraday Shield*	6 Faraday Shield*

* F Option Only

OPTIONS AND ACCESSORIES

Options:

Complete listing and description on page 10. Specify each as a suffix separated by slash marks, i.e. model #/Option 1/Option 2/etc.

Mating Sockets:

Available for all PC mount models. See page 9 or consult factory.

* UL Recognized. Contact factory for complete listing.

	a	b	c	d	e	f	g	h	i	j	k	l	m	n
A In(mm)	2.5 (64)	2.0 (51)	1.0 (25.5)	1.6 (40.6)	3.2 (81)	1.1 (28)	.5 (12.5)	1.0 (25.4)	3.5 (89)		1.1 (28)	2.2 (56)	1.25 (32)	.25 (6.3)
B In(mm)	2.5 (64)	2.0 (51)	1.0 (25.5)	1.6 (40.6)	3.2 (81)	1.1 (28)	.5 (12.5)	1.0 (25.4)	3.5 (89)		1.1 (28)	2.2 (56)	.88 (22)	.25 (6.3)
C In(mm)	2.5 (64)	2.0 (51)	1.0 (25.5)	1.6 (40.6)	3.2 (81)	1.1 (28)	.5 (12.5)	1.0 (25.4)	3.5 (89)		1.1 (28)	2.2 (56)	1.59 (41)	.25 (6.3)

Contact factory for other output voltages/currents not listed.

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Consequently, MIL burns in each power supply for 24 hours before running final test. By cutting in-process failure rate and customer returns, and increasing yield, MIL is able to hold the line on cost, which helps to hold the line on price.

NOTES:
1.SIX MOUNTING HOLES Ø.14 DIA
2.FOUR MOUNTING HOLES Ø.14 DIA

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Options

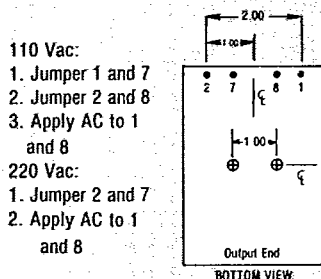


'Computer perfected power'

K2 - 105 to 125/210 to 250 Vac Input

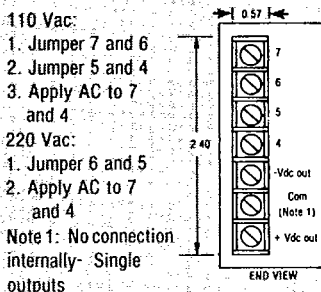
User-selectable input ranges of 105 to 125 or 210 to 250 Vac (2.5W x 3.5L pkgs. only)

K2 - PC Mount



K2 - Chassis Mount

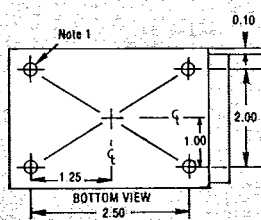
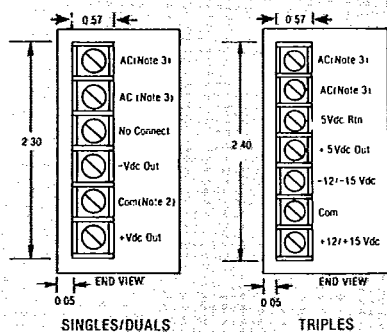
(Singles, Duals, "T" Option)



T - Terminals

Chassis mount with power entry/exit via
end-mounted screw terminal block (2.5 W x 3.5 L pkgs. only)

T - Connections/Dimensions



- Note 1:** 4-40 Mounting Insert (4 places)
2: No connection internally - single outputs
3: For 220 Vac, add K option. For 110/220 Vac, add K2 option and see K2 - Chassis Mount for connections.

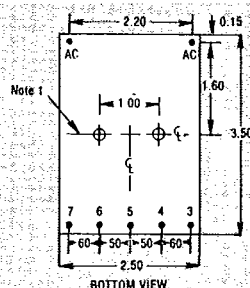
P/W - Alternative Triple Output Model

Another industry standard triple output pin configuration and spacing. Provides isolation between 5Vdc Rtn and dual 12/15 Vdc Common of 300 Vdc (see cross reference chart on page 8).

P/W - Connections/Dimensions

- Pin 3 -12/-15 Vdc out
4 5 Vdc return
5 12/15 Vdc|common
6 +5 Vdc out
7 +12/+15 Vdc out

Note 1: 4-40 Mounting Insert (2 places)



K1 - 220 to 260 Vac Input

Provides an input range of 220 to 260 Vac.

K - 200 to 252 Vac Input

Provides an input range of 200 to 252 Vac.

N - 90 to 110 Vac Input

Provides an input range of 90 to 110 Vac.

**W - Widely-Spaced
AC Input (2.2")**

Alternative industry standard pin-out and spacing (see cross reference chart on page 8).

OV - Overvoltage Protection

Crowbar overvoltage protection set at 6.2 Vdc + 0.4 Vdc for 5 Volt outputs. Consult factory for other voltage thresholds.

F - Faraday Shield

Specially shielded transformer minimizes leakage current to less than 20 microamperes at 60 hz. Pin 6 (singles, duals) and pin 8 (triples) appear on PC mount units to allow direct shield connection. Consult product pages for pin location.

SB - Split Bobbin

Provides higher isolation and low leakage current.

NOTE: Terminal block drawings for reference only and not drawn to scale.