

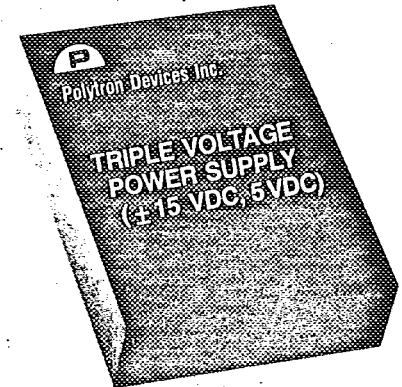
LINEAR ENCAPSULATED POWER MODULES

T-57-05

FEATURES:

- REGULATION LINE & LOAD 0.2% to 0.02%
- P.C. CARD OR CHASSIS MOUNTING
- SHORT CIRCUIT PROTECTION
- SINGLE, DUAL, TRIPLE OUTPUTS

FROM STOCK

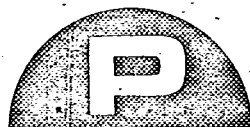


SPECIFICATIONS: ①

- INPUT VOLTAGE AND FREQUENCY: 105 to 125Vac-50 to 440Hz
- INPUT ISOLATION: 50 Mohms
- VOLTAGE OUTPUT TOLERANCE: Factory set at ± 1% (fixed)
- OPERATING TEMPERATURE: -25°C to +71°C
- TEMPERATURE COEFFICIENT: 0.02% / °C typical
- STORAGE TEMPERATURE: -25°C to 85°C

	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT	REGULATION		RIPPLE AND NOISE	CASE STYLE ②	MODEL NUMBER	PRICE 1-9 QTY.
			LINE	LOAD				
SINGLE VOLTAGE UNITS	5V	200mA	0.2%	.2%	1.0mV RMS	G	P34-5SM	34.00
		500mA	0.2%	.2%	0.5mV RMS	A, 1AT	P37	29.00
		500mA	0.02%	0.05%	0.5mV RMS	A, 1AT	P37-1	39.00
		1000mA	0.2%	0.2%	1.0mV RMS	B, 1BT	P38	48.00
		1000mA	0.02%	0.05%	1.0mV RMS	B, 1BT	P38-1	60.00
		1000mA	0.02%	0.05%	0.5mV RMS	C, 1CT	P38/1.56	63.00
		2000mA	0.02%	0.1%	1.0mV RMS	C, 1CT	P39	73.00
		3000mA	0.02%	0.15%	1.0mV RMS	D, 1DT	P39-3	91.00
	10V	120mA	0.1%	0.1%	1.0mV RMS	E	P33-10SM	48.00
		150mA	0.1%	0.1%	1.0mV RMS	A, 1AT	P33-10S	27.00
250mA		0.1%	0.1%	1.0mV RMS	B, 1BT	P34-10S	38.00	
500mA		0.02%	0.05%	0.5mV RMS	C, 1CT	P37-10S	52.00	
12V	100mA	0.1%	0.1%	1.0mV RMS	E	P33-12SM	48.00	
	120mA	0.02%	0.1%	1.0mV RMS	A, 1AT	P33-12S	27.00	
	200mA	0.1%	0.1%	1.0mV RMS	B, 1BT	P34-12S	37.00	
	500mA	0.02%	0.1%	0.5mV RMS	C, 1CT	P37-12S	52.00	
	1000mA	0.1%	0.1%	1.0mV RMS	D, 1DT	P38-12S	66.00	
15V	80mA	0.1%	0.1%	1.0mV RMS	E	P33-15SM	48.00	
	120mA	0.02%	0.1%	1.0mV RMS	A, 1AT	P33-15S	25.00	
	200mA	0.1%	0.1%	1.0mV RMS	B, 1BT	P34-15S	36.00	
	300mA	0.1%	0.1%	1.0mV RMS	C, 1CT	P35-15S	53.00	
	500mA	0.02%	0.1%	0.5mV RMS	C, 1CT	P37-15S	57.00	
	800mA	0.02%	0.1%	1.0mV RMS	D, 1DT	P38-15S	66.00	
18V	50mA	0.1%	0.1%	1.0mV RMS	E	P32-18SM	48.00	
	50mA	0.02%	0.05%	1.0mV RMS	A, 1AT	P32-18S	30.00	
	100mA	0.02%	0.05%	1.0mV RMS	A, 1AT	P33-18S	32.00	
24V	50mA	0.1%	0.1%	1.0mV RMS	E	P32-24SM	48.00	
	100mA	0.1%	0.1%	1.0mV RMS	A, 1AT	P33-24S	30.00	
	300mA	0.1%	0.1%	1.0mV RMS	C, 1CT	P35-24S	55.00	
48V	50mA	0.2%	0.2%	2.0mV RMS	B, 1BT	P32-48S	40.00	
	100mA	0.2%	0.2%	2.0mV RMS	B, 1BT	P33-48S	52.00	
	200mA	0.2%	0.2%	2.0mV RMS	C, 1CT	P34-48S	73.00	

① 115 VAC, 50 to 400 Hz, @25°C ② CASE STYLES ENDING WITH THE LETTER "T" (CHASSIS MOUNTED UNITS WITH TERMINAL BARRIER STRIP) ARE DESIGNATED BY THE SUFFIX "T". CASE STYLES A,B,C,D,G AND E (PC CARD MOUNTING) DO NOT REQUIRE SUFFIXING.



POLYTRON DEVICES, INC.

P.O. BOX 398, PATERSON, N.J. 07544 (201) 345-5885 FAX: (201) 345-1264

LINEAR POWER MODULES (Continued)

T-57-05

DUAL VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	REGULATION		RIPPLE AND NOISE	CASE ⁽²⁾ STYLE	MODEL NUMBER	PRICE 1-9 QTY.
			LINE	LOAD				
± 5V	± 5V	± 50mA	0.02%	0.02%	1.0mV RMS	A, 2AT	P32-5	30.00
		± 100mA	0.1%	0.1%	1.0mV RMS	A, 2AT	P33-5	41.00
		± 200mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P34-5	50.00
		± 300mA	0.02%	0.05%	0.5mV RMS	C, 2CT	P35-5	56.00
		± 500mA	0.02%	0.05%	0.5mV RMS	C, 2CT	P37-5	63.00
		± 1000mA	0.1%	0.1%	1.0mV RMS	D, 2DT	P38-5	83.00
± 8V	± 8V	± 500mA	0.1%	0.1%	1.0mV RMS	D, 2DT	P37-8	68.00
± 10V	± 10V	± 100mA	0.02%	.05%	0.5mV RMS	A, 2AT	P33-10	38.00
± 12V	± 12V	± 25mA	0.1%	0.1%	2mV RMS	G	P31-12M	34.00
		± 25mA	0.02%	0.05%	0.5mV RMS	A, 2AT	P31-12	21.75
		± 50mA	0.02%	0.05%	0.5mV RMS	A, 2AT	P32-12	28.50
		± 100mA	0.1%	0.1%	1.0mV RMS	A, 2AT	P33-12	38.00
		± 200mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P34-12	57.00
		± 300mA	0.1%	0.1%	1.0mV RMS	C, 2CT	P35-12	66.00
± 15V	± 15V	± 25mA	0.1%	0.1%	2mV RMS	G	P31-M	34.00
		± 25mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P31	21.75
		± 25mA	0.02%	0.02%	0.5mV RMS	A, 2AT	P31-1	25.00
		± 50mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P32	27.00
		± 50mA	0.02%	0.02%	0.5mV RMS	A, 2AT	P32-1	35.00
		± 100mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P33	36.00
		± 100mA	0.02%	0.02%	1.0mV RMS	A, 2AT	P33-1	40.00
		± 200mA	0.2%	0.2%	1.0mV RMS	B, 2BT	P34	55.00
		± 200mA	0.02%	0.05%	1.0mV RMS	B, 2BT	P34-1	65.00
		± 350mA	0.2%	0.2%	1.0mV RMS	C, 2CT	P35	65.00
± 18V	± 18V	± 50mA	0.1%	0.1%	1.0mV RMS	A, 2AT	P32-18	30.50
		± 100mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P33-18	43.00
± 24V	± 24V	± 50mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P32-24	44.00
		± 100mA	0.1%	0.2%	1.0mV RMS	B, 2BT	P33-24	66.00
		± 200mA	0.1%	0.2%	1.0mV RMS	C, 2CT	P34-24	89.00
TRIPLE VOLTAGE	5V/ ± 12V	250/± 60mA	.02%	0.1%	1.0mV RMS	C, 3CT	P51-12	50.00
		250/± 120mA	.02%	0.1%	1.0mV RMS	C, 3CT	P52-12	63.00
		500/± 120mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-12	69.00
		300/± 180 mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-12L	69.00
		1000/± 150mA	.02%	0.1%	1.0mV RMS	D, 3DT	P53-1280	91.00
TRIPLE VOLTAGE	5V/ ± 15V	250/± 50mA	.02%	0.1%	1.0mV RMS	C, 3CT	P51-15	49.00
		250/± 100mA	.02%	0.1%	1.0mV RMS	C, 3CT	P52-15	59.00
		300/± 150mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-15L	68.00
		500/± 100mA	0.02%	0.1%	1.0mV RMS	C, 3CT	P53-15	66.00
		1000/± 150mA	0.02%	0.1%	1.0mV RMS	D, 3DT	P53-1580	95.00

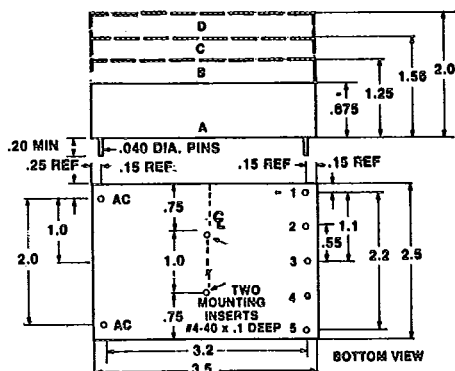
② CASE STYLES ENDING WITH THE LETTER "T" (CHASSIS MOUNTED UNITS WITH TERMINAL BARRIER STRIP) ARE DESIGNATED BY THE SUFFIX "T". CASE STYLES A,B,C,D,G AND E (P.C. CARD MOUNTING) DO NOT REQUIRE SUFFIXING

	SINGLE AND DUAL UNITS	TRIPLE OUTPUT UNITS
1	- VDC*	COM (5)
2	NO PIN	+ 5 Vdc
3	COM *	- 12/- 15
4	NO PIN	COM (12/15)
5	+ VDC	+ 12/ + 15

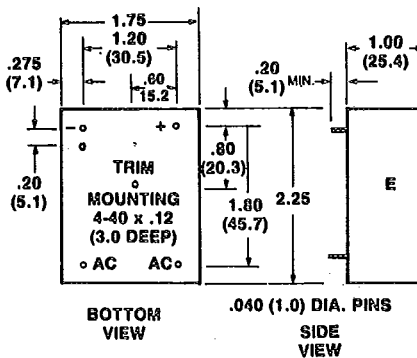
* - VDC Internally connected to COM for single output units. All dimensions are in inches.

OPTIONS AVAILABLE	SUFFIX	PRICE ADDER
220VAC	X	5.00
240VAC	XE	5.00
100VAC	Q	10.00
115/220	AX	15.00
Alternate Pin-Out	22	NONE
Chassis mounting with terminal barrier strip (case styles ending with letter "T")	T	10.00

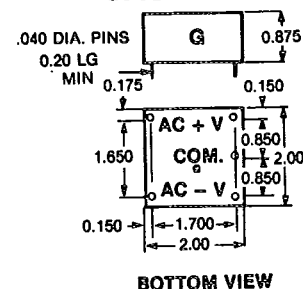
CASES A,B,C,D



CASE E



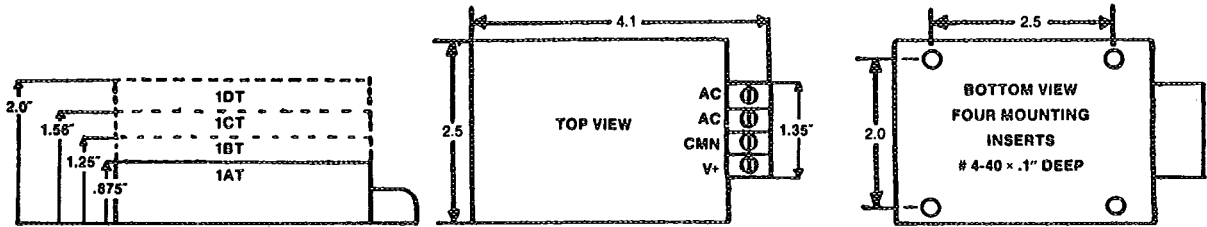
CASE G



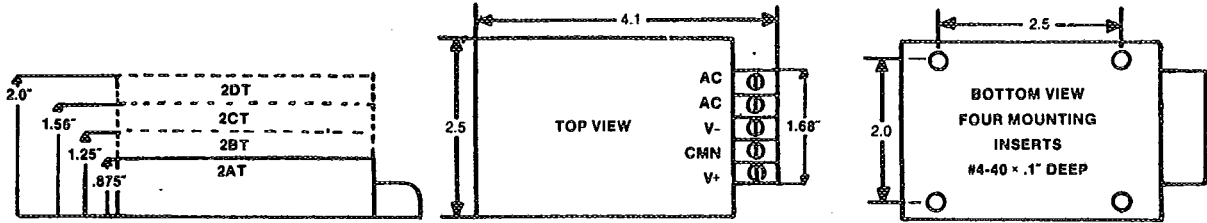
BOTTOM VIEW

POWER SUPPLY OPTIONS T-57-05

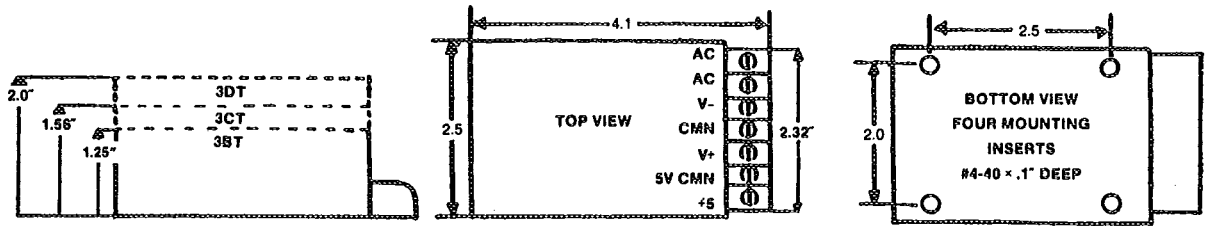
CHASSIS MOUNTED UNITS



SINGLE OUTPUT MODELS



DUAL OUTPUT MODELS

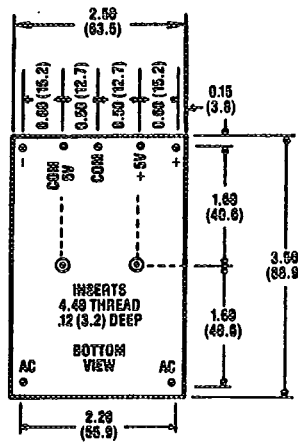
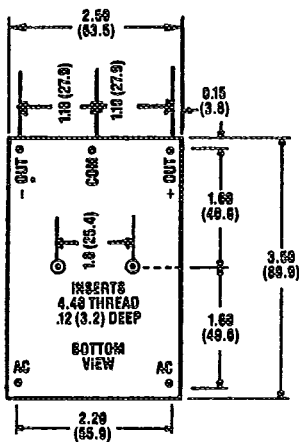


TRIPLE OUTPUT MODELS

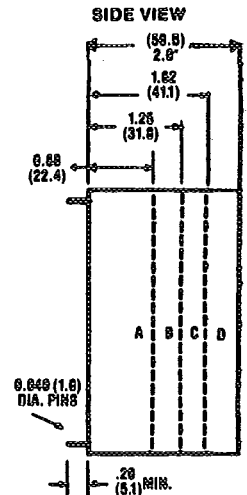
ALTERNATE PIN-OUT

SINGLE AND DUAL OUTPUT MODELS

TRIPLE OUTPUT MODELS



TO SPECIFY ALTERNATE PIN-OUT USE SUFFIX "22"



* NO CONNECTION FOR SINGLE OUTPUT UNITS.

ALL DIMENSIONS IN INCHES (mm)



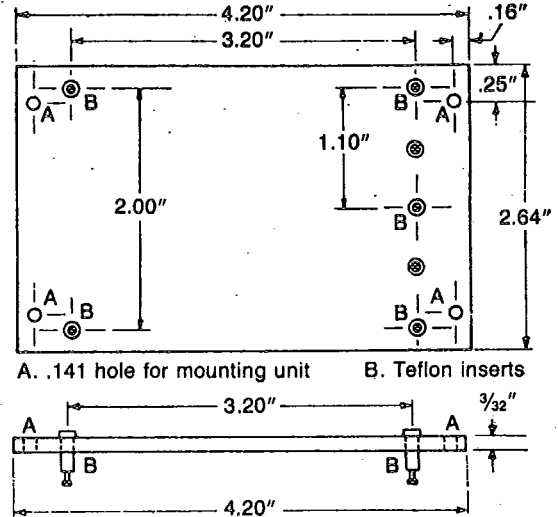
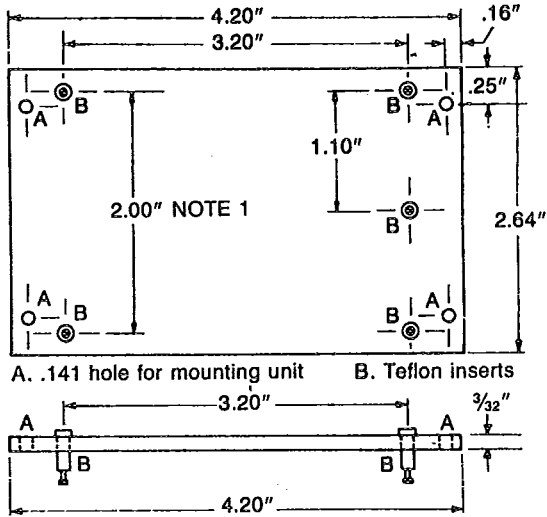
POLYTRON DEVICES, INC.

P.O. BOX 398, PATERSON, NJ 07544 (201) 345-5885 FAX: (201) 345-1264

POWER SUPPLY ACCESSORIES & OPTIONS

POWER SUPPLY SOCKETS

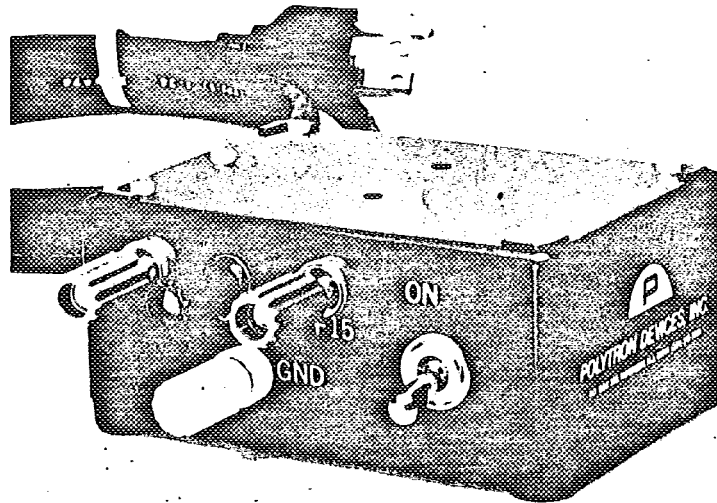
T-57-05



MODEL S-5 \$6.00 ea. (For single and dual voltage units (Cases A, A1, B, C, D)
NOTE 1: For 2.2" AC pin spacing specify S-5/22

MODEL S-7 \$7.00 ea.
(For triple voltage units-Cases C, D)

POWER SUPPLY BENCH ADAPTER



Designed for all Single and Dual Linear Power Supplies in Cases A, B, C, D.

MODEL M-5 (2.0" AC pin spacing)
M-5/22 (2.2" AC pin spacing)

\$39.00/ea.



POLYTRON DEVICES, INC.

P.O. BOX 398, PATERSON, N.J. 07544 (201) 345-5885 FAX: (201) 345-1264

LINEAR POWER MODULES (Continued)

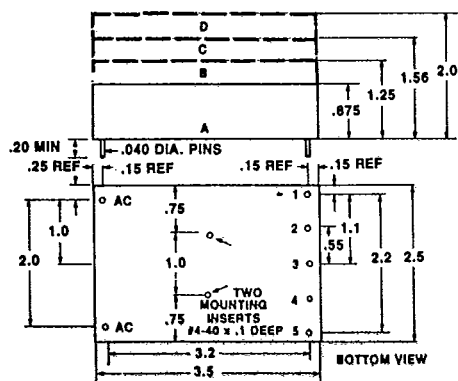
	OUTPUT VOLTAGE	OUTPUT CURRENT	REGULATION		RIPPLE AND NOISE	CASE STYLE ^②	MODEL NUMBER	PRICE 1-9 QTY.
			LINE	LOAD				
DUAL VOLTAGE	± 5V	± 50mA	0.02%	0.02%	1.0mV RMS	A, 2AT	P32-5	30.00
		± 100mA	0.1%	0.1%	1.0mV RMS	A, 2AT	P33-5	41.00
		± 200mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P34-5	50.00
		± 300mA	0.02%	0.05%	0.5mV RMS	C, 2CT	P35-5	56.00
		± 500mA	0.02%	0.05%	0.5mV RMS	C, 2CT	P37-5	63.00
		± 1000mA	0.1%	0.1%	1.0mV RMS	D, 2DT	P38-5	83.00
	± 8V	± 500mA	0.1%	0.1%	1.0mV RMS	D, 2DT	P37-8	68.00
	± 10V	± 100mA	0.02%	.05%	0.5mV RMS	A, 2AT	P33-10	38.00
	± 12V	± 25mA	0.1%	0.1%	2mV RMS	G	P31-12M	34.00
		± 25mA	0.02%	0.05%	0.5mV RMS	A, 2AT	P31-12	21.75
± 50mA		0.02%	0.05%	0.5mV RMS	A, 2AT	P32-12	28.50	
± 100mA		0.1%	0.1%	1.0mV RMS	A, 2AT	P33-12	38.00	
± 200mA		0.1%	0.1%	1.0mV RMS	B, 2BT	P34-12	57.00	
± 300mA		0.1%	0.1%	1.0mV RMS	C, 2CT	P35-12	66.00	
± 15V	± 25mA	0.1%	0.1%	2mV RMS	G	P31-M	34.00	
	± 25mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P31	21.75	
	± 25mA	0.02%	0.02%	0.5mV RMS	A, 2AT	P31-1	25.00	
	± 50mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P32	27.00	
	± 50mA	0.02%	0.02%	0.5mV RMS	A, 2AT	P32-1	35.00	
	± 100mA	0.2%	0.2%	1.0mV RMS	A, 2AT	P33	36.00	
	± 100mA	0.02%	0.02%	1.0mV RMS	A, 2AT	P33-1	40.00	
	± 200mA	0.2%	0.2%	1.0mV RMS	B, 2BT	P34	55.00	
	± 200mA	0.02%	0.05%	1.0mV RMS	B, 2BT	P34-1	65.00	
	± 350mA	0.2%	0.2%	1.0mV RMS	C, 2CT	P35	65.00	
	± 350mA	0.02%	0.05%	1.0mV RMS	C, 2CT	P35-1	75.00	
	± 500mA	0.1%	0.1%	1.0mV RMS	D, 2DT	P37-15	83.00	
± 18V	± 50mA	0.1%	0.1%	1.0mV RMS	A, 2AT	P32-18	30.50	
	± 100mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P33-18	43.00	
± 24V	± 50mA	0.1%	0.1%	1.0mV RMS	B, 2BT	P32-24	44.00	
	± 100mA	0.1%	0.2%	1.0mV RMS	B, 2BT	P33-24	66.00	
	± 200mA	0.1%	0.2%	1.0mV RMS	C, 2CT	P34-24	89.00	
TRIPLE VOLTAGE	5V/ ± 12V	250/± 60mA	.02%	0.1%	1.0mV RMS	C, 3CT	P51-12	50.00
		250/± 120mA	.02%	0.1%	1.0mV RMS	C, 3CT	P52-12	63.00
		500/± 120mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-12	69.00
		300/± 180 mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-12L	69.00
		1000/± 150mA	.02%	0.1%	1.0mV RMS	D, 3DT	P53-1280	91.00
	5V/ ± 15V	250/± 50mA	.02%	0.1%	1.0mV RMS	C, 3CT	P51-15	49.00
		250/± 100mA	.02%	0.1%	1.0mV RMS	C, 3CT	P52-15	59.00
		300/± 150mA	.02%	0.1%	1.0mV RMS	C, 3CT	P53-15L	68.00
		500/± 100mA	0.02%	0.1%	1.0mV RMS	C, 3CT	P53-15	66.00
		1000/± 150mA	0.02%	0.1%	1.0mV RMS	D, 3DT	P53-1580	95.00

② CASE STYLES ENDING WITH THE LETTER "T" (CHASSIS MOUNTED UNITS WITH TERMINAL BARRIER STRIP) ARE DESIGNATED BY THE SUFFIX "T". CASE STYLES A,B,C,D,G AND E (P.C. CARD MOUNTING) DO NOT REQUIRE SUFFIXING

	SINGLE AND DUAL UNITS	TRIPLE OUTPUT UNITS
1	- VDC*	COM (5)
2	NO PIN	+ 5 Vdc
3	COM *	- 12/-15
4	NO PIN	COM (12/15)
5	+ VDC	+ 12/ + 15

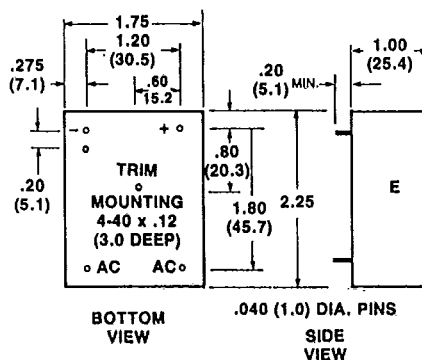
* - VDC Internally connected to COM for single output units. All dimensions are in inches.

CASES A,B,C,D



OPTIONS AVAILABLE	SUFFIX	PRICE ADDER
220VAC	X	5.00
240VAC	XE	5.00
100VAC	Q	10.00
115/220	AX	15.00
Alternate Pin-Out	22	NONE
Chassis mounting with terminal barrier strip (case styles ending with letter "T")	T	10.00

CASE E



CASE G

