

Sec. 5600

STERLING—THE MARK OF QUALITY

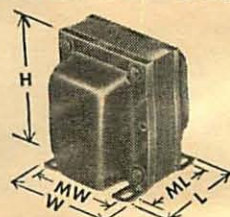
STERLING TRANSFORMER CORPORATION

Brooklyn 11, N. Y.

- ONE UNIT PROVIDES PLATE AND FILAMENT POWER FOR ENTIRE SUPPLY.
- RATINGS BASED ON D.C. OUTPUT OF SUPPLY.
- APPLICATION BULLETIN WITH EACH UNIT.

TRANSFORMERS

FOR ELECTRONICALLY
REGULATED
POWER SUPPLIES



2K SERIES

Cat. No.	Supply Rating	High Voltage Secondary AC Volts	DC MA	Rectifier Fil.		Pass Tube Fil.		Regulator Fil.		Auxiliary Fil.		Overall			Mtg. Dim.		Rec. Mtg. Screw	Weight Lbs.	List Price
				V	A	V	A	V	A	V	A	L	W	H	ML	MW			
2K6	300/250VDC 400MADC	550-480-0 480-550V	440			Use with 2K20				Use with 2K20		6	4 1/8	5 1/2	4 1/2	3 1/2	#10	19	\$28.00
2K8	300/250VDC 300MADC	540-475-0 475-540V	340	5	6	6.3	6	6.3	1.2	6.3CT	6	6 1/4	4 1/8	5 1/2	4 1/4	3 1/2	#10	20	32.75
2K10	300/250VDC 200MADC	500-440-0 440-500V	240	5	3	6.3	3	6.3	1.2	6.3CT	6	5	4 1/8	5 1/2	3 1/2	3 1/2	#10	14	26.75
2K12	300/250VDC 100MADC	540-465-0 465-540V	140	5	3	6.3	3	6.3	1.2	6.3CT	3	4 1/4	4 1/8	5 1/2	3 1/4	3 1/2	#10	12	23.00
2K13	150/100VDC 400MADC	370-310-0 310-370V	440			Use with 2K20				Use with 2K20		4 1/2	4 1/8	5 1/2	3 1/4	3 1/2	#10	12	23.00
2K14	150/100VDC 300MADC	375-320-0 320-375V	340	5	6	6.3	6	6.3	1.2	6.3CT	6	5 1/2	4 1/8	5 1/2	4	3 1/2	#10	16	27.00
2K15	150/100VDC 200MADC	355-300-0 300-355V	240	5	3	6.3	3	6.3	1.2	6.3CT	6	4 1/4	4 1/8	5 1/2	3 1/4	3 1/2	#10	12	23.00
2K16	150/100VDC 100MADC	350-310-0 310-350V	140	5	3	6.3	3	6.3	1.2	6.3CT	3	4 3/8	3 3/4	4 1/8	3 1/8	3	#8	10	20.00
2K17	300/250VDC 600MDC	565-500-0 500-565V	640			Use with 2K20				Use with 2K20		6 1/4	4 1/2	6	4 1/4	3 1/8	#10	22	41.20
2K18	300/250VDC 800MADC	580-520-0 520-580V	840			Use with 2K21				Use with 2K21		6	6 1/8	7 1/4	4	4 2 3/32	1/4	33	54.00
2K19	300/250VDC 1.0 Amp.	590-525-0 525-590V	1040			Use with 2K21				Use with 2K21		7 1/2	6 1/8	7 1/4	5 1/2	4 2 3/32	1/4	48	76.00
2K20	(Filament Transformer for 400MA and 600MA Supplies)			5	6	6.3	6	6.3	1.2	6.3CT	6	3 3/8	3 3/8	4 1/8	2 1 3/16	3	#8	7.5	17.00
2K21	(Filament Transformer for 800MA and 1 Amp. Supplies)			5	10	6.3	10	6.3	2	6.3CT	10	4 1/8	3 3/8	4 1/8	3 1 3/16	3	#8	12	23.50

Standard Color Code

Primary: Black
High Voltage: Center Tap: Red-Yellow
High Voltage: High Tap: Red
High Voltage: Low Tap: Blue

Rectifier Filaments: Yellow
Pass Tube Filaments: Brown
Regulator Filaments: Green
Auxiliary Filaments: Slate

NOTES

1. All Primaries 115 Volts 50/60 Cps.
2. Ratings Based On Capacitor Input Filters

3. Dielectric Test Voltages:
Primaries: 1500 V. RMS
All Secondaries: 2500 V. RMS

Cat. No.	Inductance	Rated Current MADC	DC Resist.	Dielectric Test Volt.	Overall			Mtg. Dim.		Rec. Mtg. Screw	Weight Lbs.	List Price
					L	W	H	ML	MW			
2K5	4 hys. min.	440	50	2500V RMS	3 1/4	3 1/8	4 1/4	2 1/4	2 1/4	#8	6	\$11.60
2K7	4 hys. min.	340	60	2500V RMS	3 1/4	2 1 3/16	3 1/2	2	2 1/4	#8	3.3	7.80
2K9	4 hys. min.	240	90	2500V RMS	2 1/8	2 1/8	3 1/8	1 1 1/16	2	#8	2.3	5.90
2K11	4 hys. min.	140	185	2500V RMS	3 1 1/16	2 1/8	2 1/8	3 1/8	Chan.	#8	1.5	4.00
2K22	4 hys. min.	.64A	52	2500V RMS	4 1/4	4 1/8	5 1/2	3 1/4	3 1/2	#10	12	20.00
2K23	4 hys. min.	.84A	25	2500V RMS	5 1/2	4 1/8	5 1/2	4	3 1/2	#10	17	25.70
2K24	4 hys. min.	1.04A	20	2500V RMS	7	4 1/8	5 1/2	5 1/2	3 1/2	#10	25	35.70

Cat. No.	Secondary Volts	Secondary Amperes	RMS Volts Insulation	Primary Volts	Overall Dim.			Mtg. Dim.		Rec. Mtg. Screw	Weight Lbs.	List Price
					L	W	H	ML	MW			
6K1	6.3	4	1000	115/230	3 1 1/16	2 1/2	2 1/8	3 3/8	Chan.	8	1 3/4	8.50
6K2	6.3	12	1500	115/230	3 3/4	3 1/4	4	2 1/16	2 1/2	8	6	15.60
6K3	6.3 CT	16	3000	115	3 3/8	3 1/4	4	2 1/16	2 1/2	8	6 1/2	16.60
6K4	5	3	2000	115/230	3 1/2	3 1/4	4	2 3/16	2 1/2	8	5	16.50
	6.3 CT	4	2000									
	6.3 CT	4	2000									
6K5	6.3	1.5	1000	115/230	4	2 1/2	2 3/8	3 1/8	Chan.	8	2 1/4	9.30
	6.3	1.5	1000									
6K6	800 CT	.036 DC	4000	115/230	3 1/2	2 5/8	3 1/8	2 1/16	2	8	4	10.50
6K7	28 CT	7 DC	1000	115	4 1/4	3 1/4	4	2 1 1/16	2 1/2	8	8	15.80
6K8	660 CT	.25 DC	1500	115/230	3 3/8	3 3/8	4 1/8	2 1 3/16	3	8	8	19.20
	5	4.5	1500									
6K9	1130 CT	.062 DC	3300	115/230	3 3/8	3 3/8	4 1/8	2 1 3/16	3	8	8	19.20
	5	2	3300									

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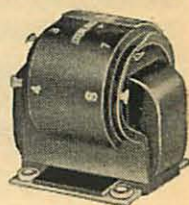


Brooklyn 11, N. Y.

ENCAPSULATED 400 CPS TRANSFORMERS CLIPPER SERIES

FOR MINIMUM SIZE AND MINIMUM WEIGHT

● Contour Molded ● Hipersil Cores



FILAMENT

Cat. No.	Secondary Volts	Secondary Amps.	Rms. V Insulation	Primary Volts	Mold Size	Maximum Operating Ambient	List Price
4C1	6.3 CT	.8	1500	115	SM3	100°C	16.50
4C2	6.3 CT	1.2	1500	115	SM2	100°C	16.50
4C3	6.3 CT	6.75	1500	110/115/120	2	100°C	26.50
4C4	6.3	4.9	1500	115	3	90°C	23.70
	6.3	2.7	1500				
4C5	6.3 CT	7.2	1500	115	35	120°C	27.50
4C6	6.3	7	1500	120	35	80°C	26.80
	6.3	7	1500				
	6.3	1.5	1500				
4C7	6.3 CT	7	1500	120	4	100°C	31.90
	6.3 CT	7	1500				
4C8	6.3	13.7	1500	115	4	90°C	31.90
	6.3	2.93	1500				
	6.3	0.3	1500				
4C9	6.3 CT	12.3	1500	115	5	100°C	29.50
4C10	20 CT	0.6	1500	115	SM1	100°C	21.00
4C11	6.3	2.4	1500	115	3	100°C	29.50
	6.3	2.5	1500				
	6.3	2.7	1500				
4C26	6.3 CT	2	1500	115	SM1	100°C	21.00
4C27	6.3 CT	3	1500	115	1A	100°C	21.80
4C28	6.3 CT	5	1500	115	2	100°C	22.60
4C29	5.0 CT	3	2500	115	SM1	100°C	21.00
4C30	5.0 CT	6	2500	115	2	100°C	22.60

POWER

4C12	14.1	3	1500	115	3	100°C	22.50
4C13	21	9	1500	115	4	65°C	25.00
4C14	26	0.5	1500	115	SM1	55°C	20.50
4C15	26 CT	1.5	1500	115	3	65°C	21.20
4C16	28 CT	0.75	1500	115	2	65°C	31.80
	6.3 CT	7A	1500				
4C17	52 CT	.192	1500	115	SM1	100°C	22.75
4C18	90 CT	4.5	1500	115	9	100°C	43.00
4C19	115	.05	1500	115	SM2	100°C	16.80
4C20	105/115/125	0.4	1500	105/115/125	2	90°C	24.30
4C21	115	2.83	1500	115	8	100°C	35.00
4C22	334	.025	1500	115	SM1	120°C	19.30
4C23	26 CT	3	1500	115	4	100°C	25.50
4C24	26 CT	5	1500	115	6	100°C	29.40
4C25	52 CT	2	1500	115	5	100°C	28.10

MOLD NO.	OVERALL DIMENSIONS			MTG. DIMENSIONS		APP. WT. (LBS.)	MTG. METH.
	L	W	H	F	G		
SM3	1	1 1/4	1-3/16	1	Note 1	0.06	Note 1
SM2	1 1/2	3/4	1-11/16	1	Note 1	0.10	Note 1
SM1	1 1/2	3/4	1-11/16	1 1/4	Note 1	0.16	Note 1
1	1-13/16	1 1/4	1-13/16	1 1/4	1-7/16	0.25	Note 2
1A	1-11/16	1-17/32	1-13/16	1-5/32	1 1/4	0.25	Note 2
2	2	1-15/16	2 1/4	1-9/32	1 1/4	0.40	Note 2
3	2-5/16	1-13/16	2 1/4	1-9/32	1-7/16	0.45	Note 2
35	2-1/16	2 1/4	2-3/16	1-17/32	1-11/16	0.70	Note 2
4	2-5/16	2 1/4	2-9/16	1-17/32	1-11/16	0.90	Note 2
5	2 1/4	2 1/4	2 1/4	1-17/32	2-3/16	1.20	Note 2
6	2 1/4	2 1/4	3 1/4	1-17/32	2-3/16	1.50	Note 2
7	3	2 1/4	3 1/4	1-25/32	2 1/4	2.00	Note 2
8	3 1/4	2 1/4	3 1/4	1-25/32	2 1/4	2.50	Note 2
83	3 1/4	3 1/4	3 1/4	2 1/4	3	3.25	Note 3
86	3 1/4	3 1/4	3 1/4	2 1/4	3 1/4	4.25	Note 3
9	4-1/16	3 1/4	3 1/4	2-3/16	3 1/2	5.00	Note 3
10	4 1/2	3-15/16	3-15/16	2 1/4	3 1/4	6.00	Note 3

Note 1—SM series are two hole mounting with holes on center line. #4-40 Pem nuts are fastened to the bracket.

Note 2—#6-32 Pem nuts on bracket are standard.

Note 3—#8-32 Pem nuts on bracket are standard.

- All primaries 380-1000 cps
- Dielectric test voltages: PRIMARIES 1000 Volts RMS
SECONDARIES 1500 Volts RMS
- Epoxy resin used as encapsulant
- Prices subject to change without notice

