

SEPTEMBER, 1957

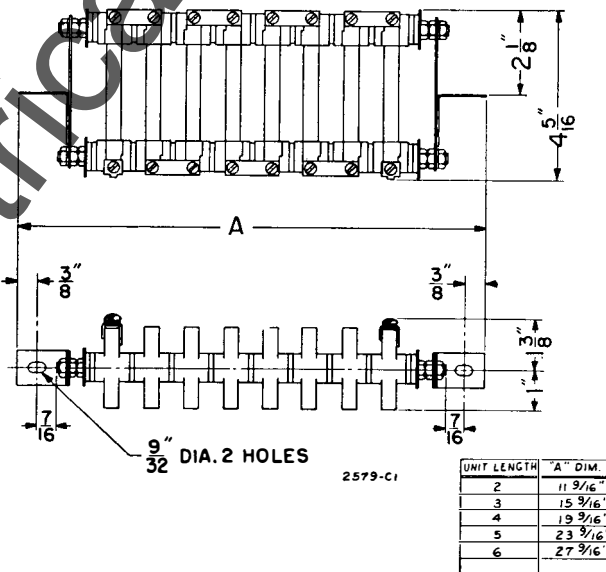
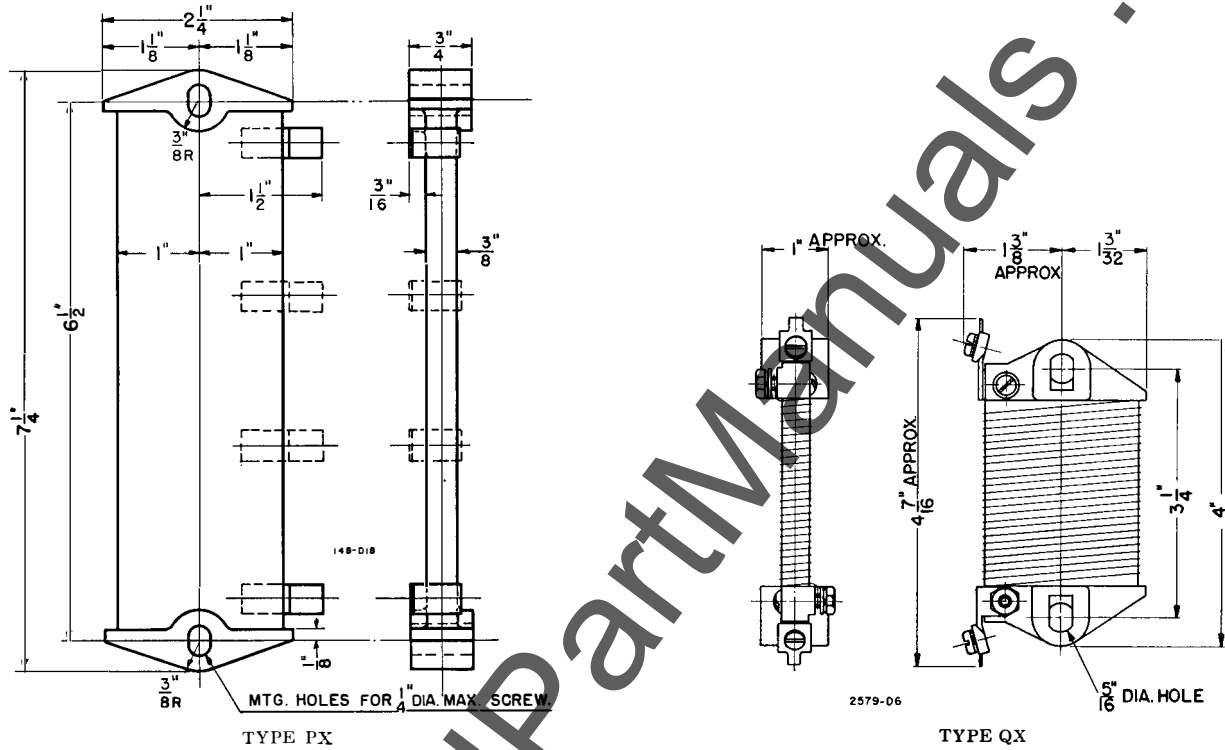
Supersedes Dimension Sheet 4105,
Page 2, dated November, 1949



CLASS **6703**
Dimension
Sheet PAGE 1

WIRE WOUND RESISTORS

Approximate Dimensions — Not for Construction



*TYPE Q RESISTOR ASSEMBLY

* For dimensions of Resistor banks made of Type Q Resistor Assemblies refer to dimensions given on Page 2.

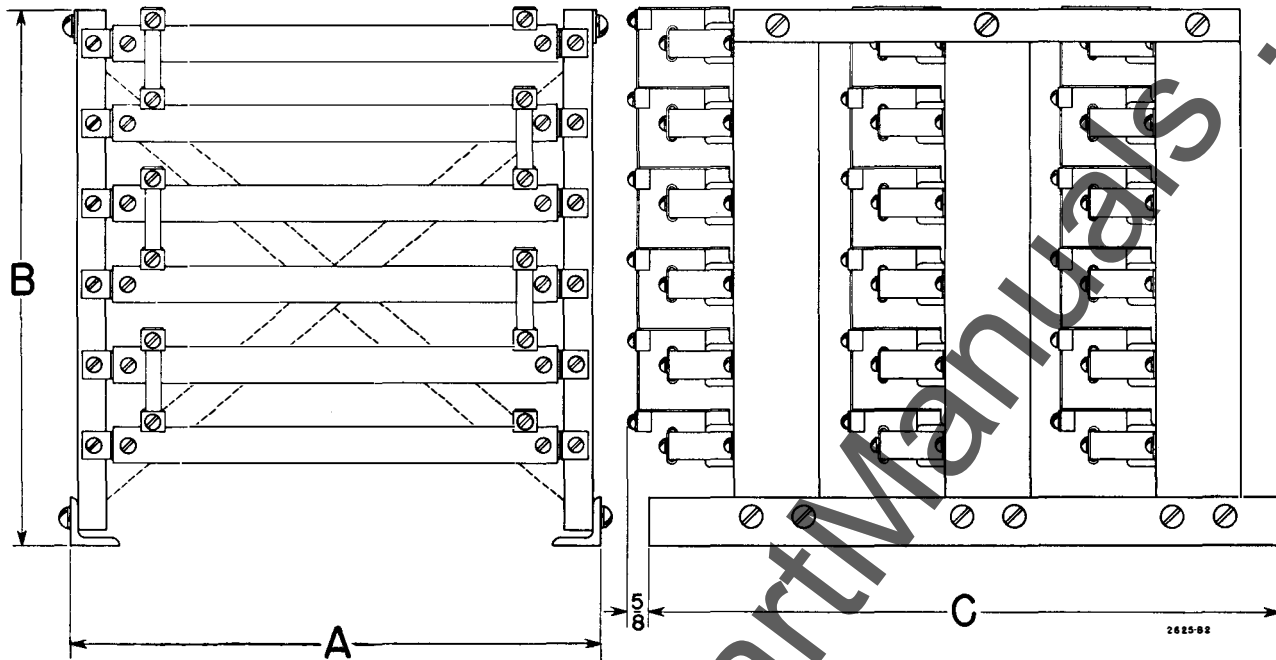
SQUARE D COMPANY

Dimensions Subject to Change Without Notice.

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EDGEREST RESISTORS
 Approximate Dimensions — Not for Construction

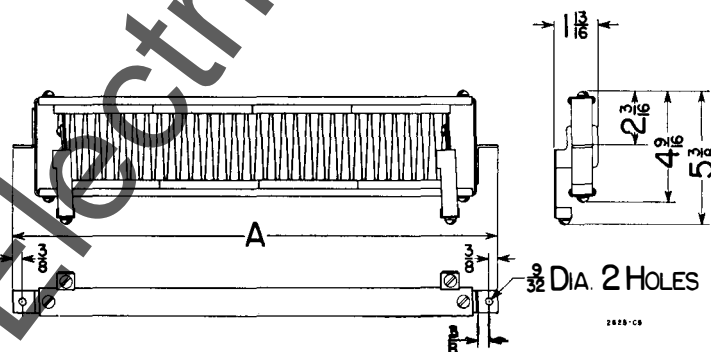


Unit Length	"A" Dim.
2	12 $\frac{1}{8}$ "
3	16 $\frac{1}{8}$ "
4	20 $\frac{1}{8}$ "
5	24 $\frac{1}{8}$ "
6	28 $\frac{1}{8}$ "

No. of Resistors		"B" Dim.
2 $\frac{1}{2}$ " Vertical Spacing	5" Vertical Spacing	
3	3	9 $\frac{1}{8}$ "
6	6	16 $\frac{1}{8}$ "
9	9	24 $\frac{1}{8}$ "
12	12	31 $\frac{1}{8}$ "

No. of Sections	"C" Dim.
1	6 $\frac{1}{2}$ "
2	13 $\frac{1}{2}$ "
3	19 $\frac{1}{2}$ "

RESISTOR BANKS
 Dimensions apply for both Edgerest and Q Assembly Banks



Unit Length	"A" Dim.
2	11 $\frac{1}{8}$ "
3	15 $\frac{1}{8}$ "
4	19 $\frac{1}{8}$ "
5	23 $\frac{1}{8}$ "
6	27 $\frac{1}{8}$ "

EDGEREST TYPE N RESISTOR

SQUARE D COMPANY

Dimensions Subject to Change Without Notice.



WIRE WOUND RESISTORS

Continuous Duty

Types PX and QX

TYPE PX **INDIVIDUAL RESISTORS** **135 WATTS ***
600 VOLTS MAX. A.C. **CLASS 6703** **600 VOLTS MAX. D.C.**

Minimum Resistance in Ohms ‡	Maximum Resistance in Ohms ‡	Resistor with Two Terminals		Resistor with Three Terminals		Resistor with Four Terminals		Resistor with Five Terminals		Resistor with Six Terminals	
		Type	Price	Type	Price	Type	Price	Type	Price	Type	Price
0.8	1000	PX1	\$ 3.00	PX2	\$ 3.20	PX3	\$ 3.40	PX4	\$ 3.60	PX5	\$ 3.80

*Capacity based on the resistors mounted in a vertical plane with 1½" horizontal spacing and with a temperature rise not in excess of 350° Centigrade (662° F.)

Resistors Mounted on 1½" Horizontal Spacing

Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes
0.8	13.0	4.0	5.8	20	2.6	100	1.16	500	.52
1.0	11.6	5.0	5.2	25	2.3	125	1.04	640	.46
1.25	10.4	6.4	4.6	32	2.0	160	.91	700	.44
1.6	9.2	8.0	4.1	40	1.8	200	.82	800	.41
2.0	8.2	10.	3.6	50	1.6	250	.73	1000	.36
2.5	7.3	12.5	3.2	64	1.45	320	.65		
3.2	6.5	16.0	2.9	80	1.3	400	.58		

‡ Nominal values above at 20° Centigrade (68° F.), subject to commercial variation.

TYPE QX **INDIVIDUAL RESISTORS** **50 WATTS ***
600 VOLTS MAX. A.C. **CLASS 6703** **600 VOLTS MAX. D.C.**

Minimum Resistance in Ohms	Maximum Resistance in Ohms	Resistor with Two Terminals	
		Type	Price
0.8	1000	QX1	\$3.

*Capacity based on the resistors mounted with 1" horizontal and 2½" vertical spacing and with a temperature rise not in excess of 350° C. (662° F.). Capacity increases to 70 watts with 1" horizontal and 5" vertical spacing.

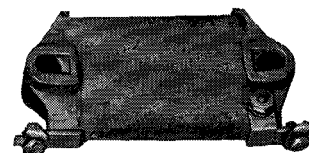
Resistors Mounted with 1" Horizontal and 2½" Vertical Spacing

Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes	Resistance in Ohms per Resistor	Amperes
0.8	7.9	4.0	3.5	20	1.5	100	.71	500	.32
1.0	7.1	5.0	3.2	25	1.4	125	.63	640	.28
1.25	6.3	6.4	2.8	32	1.25	160	.56	700	.27
1.6	5.6	8.0	2.5	40	1.1	200	.5	800	.25
2.0	5.0	10.0	2.2	50	1.0	250	.45	1000	.22
2.5	4.5	12.5	2.0	64	.88	320	.4		
3.2	4.0	16.0	1.8	80	.79	400	.35		

ORDERING INSTRUCTIONS

1—Specify Class and complete type number. Complete type number consists of appropriate type designation followed by resistance desired obtained from respective tables above.

Example: Two terminal PX resistor of 640 ohms would be ordered as Class 6703 Type PX1-640.



Type QX-1

Class Number Change Only.

SQUARE D COMPANY

Prices Subject to Change Without Notice.

SCHEDULE DS-1 DISCOUNTS



WIRE WOUND RESISTOR ASSEMBLIES

TYPE Q ASSEMBLIES

CLASS 6703

*2 Unit		*3 Unit		*4 Unit		*5 Unit		*6 Unit	
Type	Price	Type	Price	Type	Price	Type	Price	Type	Price
Q2	\$ 27.	Q3	\$ 39.	Q4	\$ 51.	Q5	\$ 63.	Q6	\$ 75.

*Each Q Unit is composed of 4 QX Resistors and is comparable to a unit length of an Edgerest resistor. Prices based on all resistors connected in series with 2579-D4-G1 terminal at each end. For other arrangements see table for additions and special features.

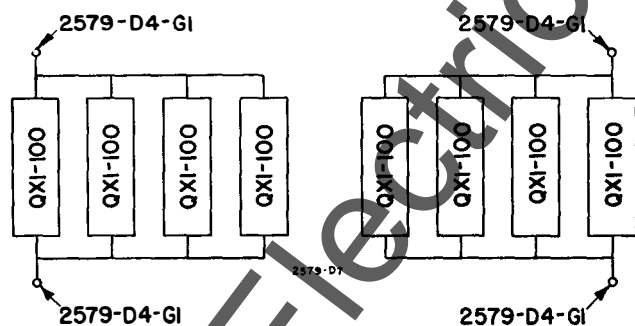
ORDERING INSTRUCTIONS

- 1—Order Q Assemblies from table above giving class and type number.
- 2—When ordering furnish sketch similar to the one shown below to indicate resistance of individual resistors and connections desired.
- 3—Price Q Assemblies at base price from table above plus additions for special features.
- 4—Give class and type number when specifying resistors.

ADDITIONS AND SPECIAL FEATURES

Description	Part No.	Price	
		Mounted	Unmounted
Head and Terminal Clamp.	2579-D4-G1	\$0.20	\$0.10
Connector and Terminal	2579-D4-G2	0.40	0.20
Assembly.	2579-X6	0.20	0.10
End Terminal.	2579-D4-G3		
Substitute for std. 2579-D4-G1.		1.00	
Additional.		1.20	0.60

SAMPLE ORDERING SKETCH



List price of this assembly would be **\$28.40**, calculated as **\$27.00** base price plus **\$0.40** for two additional 2579-D4-G1 and **\$1.00** for five additional 2579-X6.

