

EIA RS-161

EIA STANDARD

*Unit Standards for
Ceramic Based
Printed Circuits*

RS-161

(Reaffirmed February 1970)



August 1956

Engineering Department

ELECTRONIC INDUSTRIES ASSOCIATION

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Published by

ELECTRONIC INDUSTRIES ASSOCIATION

Engineering Department

2001 Eye Street, N.W., Washington, D. C. 20006

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PRICE \$1.40

Printed in U.S.A.



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UNIT STANDARDS FOR CERAMIC BASED PRINTED CIRCUITS

(Reaffirmation of RS-161)

These Unit Standards give physical and electrical specifications of Ceramic Based Printed Circuits which have been standardized. These units are named and issued a standard identification number.

The physical specifications include maximum overall size, lead length and size, lead number and sequence, EIA identification number and manufacturer's identification.

The electrical specifications include circuit schematic, component values and tolerance, component rating, the connections to lead wires and terminations, and additional information required for test not covered by EIA Standard RS-162.

The EIA identification number consists of four parts:

1. A number designating the number of lead wires.
2. The letters PZ which designate a printed circuit.
3. A number which indicates the circuit within the family of printed circuits with the same number of leads.
4. A letter indicating a revision, for example, 3PZ2A indicates a printed circuit with 3 lead wires. It is the second of the family of printed circuits with 3 lead wires and has been revised once.

Information on standard test procedures can be found in EIA Test Standards for Ceramic Based Printed Circuits RS-162.

DATA SHEET

DIODE FILTER

EIA Nos.: 3PZ1, 3PZ2, 3PZ3

Mechanical

1. Lead Wire Size:
.0203
.0157 Dia. at the option of the manufacturer.
2. Extension of Coating on Leads:
.188"
(4.762 mm) Max.

Electrical

	EIA No.		
	3PZ1	3PZ2	3PZ3
R_1 (K Ω)	47 $\pm 20\%$	47 $\pm 20\%$	47 $\pm 20\%$
C_1 (PF)	100 $+50\%$ -20%	150 $+50\%$ -20%	50 $+50\%$ -20%
C_2 (PF)	100 $+50\%$ -20%	150 $+50\%$ -20%	50 $+50\%$ -20%

1. Capacitor Rating: 100 Volts Working.
2. Resistor Rating: 1/5 Watt.

