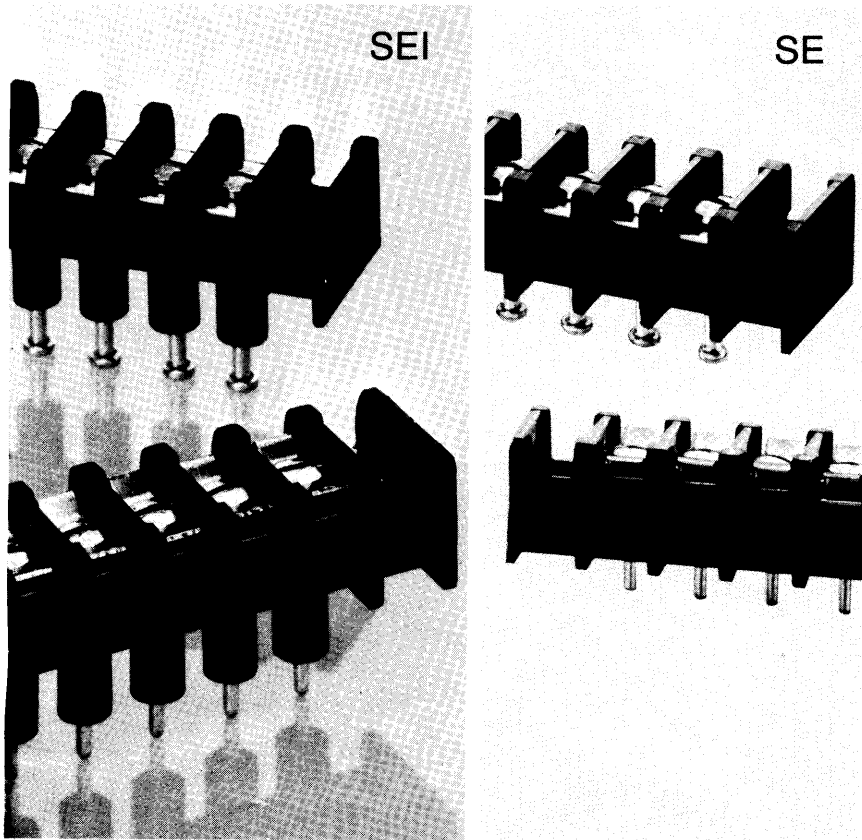




CURTIS SERIES SE/SEI

1/4" (6.35 mm)
Center-to-Center Spacing



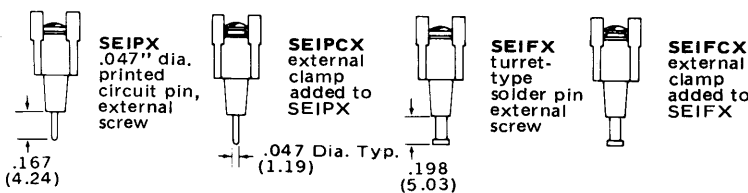
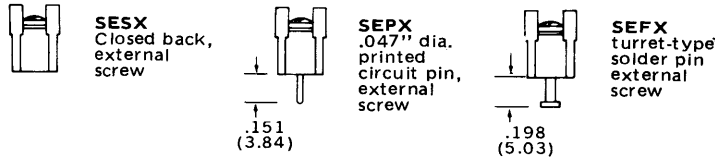
FEATURES

- **MINIATURE FEED-THRU, PRINTED CIRCUIT AND SURFACE CONNECTION** — SE Series miniature terminal blocks are designed for applications requiring the compactness and versatility of the SEI Series without full feed-thru insulation.
- **BARRIER-TYPE CONSTRUCTION** — Blocks are made of high-impact, break-resistant thermoplastic molding with integrally mounted .116 inch diameter mounting holes. One thru 26 terminals on 1/4 inch center-to-center spacing.
- **TERMINAL FLEXIBILITY** — External terminals available in two No. 2-56 screw designs. Internal terminals include an .047 inch diameter printed circuit pin, and turret-type solder pins.
- **WIRE SIZES** — No. 2-56 screws. UL recognized for No. 22 AWG to No. 16AWG.
- **RECOGNITION AND LISTING** — UL recognized.
- **STANDOFFS** — SEPX and SEFX are now supplied with .020 inch standoffs for ease in cleaning after soldering.

Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.

Guide No. 184-N-90, Report No. LR39186-1.

VARIATIONS

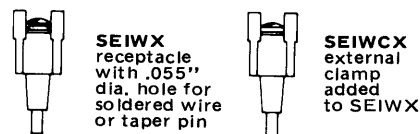


INTERNAL TERMINAL DESIGNATIONS

- SESX** closed-back design which can be mounted on metal surface with no additional insulation required.
- SEPX, SEIPX** printed circuit board design with .047" tin-plated brass pin.
- SEFX, SEIFX** tin-plated brass turret-type solder pin.

EXTERNAL TERMINAL DESIGNATIONS

- SESX, SEPX, SEFX, SEIPX, SEIFX** No. 2-56 plated steel* terminal screw accepting up to No. 16AWG wire.
- SESCX, SEPCX, SEFCX, SEIPCX, SEIFCX** nickel-plated brass surface clamp with No. 2-56 plated steel* screw to eliminate lugging. Accepts wire up to No. 16AWG.



ENGINEERING SPECIFICATIONS

Center-to-Center Spacing: 1/4" (6.35 mm)

Wire Range: UL recognized for No. 22AWG to No. 16AWG. Models SESX, SEIPX, SEIFX, SEPX and SEFX with standard No. 2-56 plated steel screw are UL recognized "for factory wiring only". Models SESCX, SEPCX, SEFCX, SEIPCX and SEIFCX are UL recognized "for field wiring" when ordered with special No. 2-56 stainless steel screw.

Number of Terminals: 1 thru 26

Voltage Rating: UL & CSA – 150 volts – General Industrial
250 volts – Commercial Appliance

Tightening Torque: Wire clamp with stainless steel screw 3 in.-lbs.

Current Rating: 5 amps UL

Housing:

Material	"X" Grade Polyphenylene Oxide
Continuous Use Temp. (UL Index)	110° C (230° F)
Flammability Rating	94V-0
Water Absorption (24 hrs. % wt. gain)	.06%
Chemical Resistance	Resistant to inorganic bases and acids – for organic substances contact factory for specific resistance.

Breakdown Voltage

Terminal - Terminal	3,600V Typ.
Terminal - Ground	4,700V Typ.

NOTE: Specifications contained herein are subject to change without notice.

HOW TO ORDER

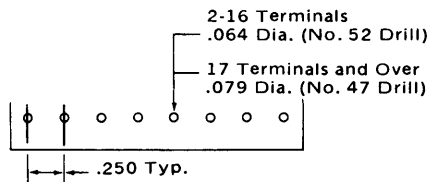
SEI and SE Series terminal blocks are ordered by listing a composite number made up of the model designation followed by the number of poles required for the application.

Suffixes are used as follows:

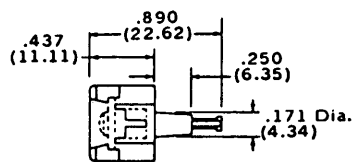
R denotes model less mounting positions

*The SEPX and SEFX are made with .020" standoffs for ease in cleaning after the soldering operation.

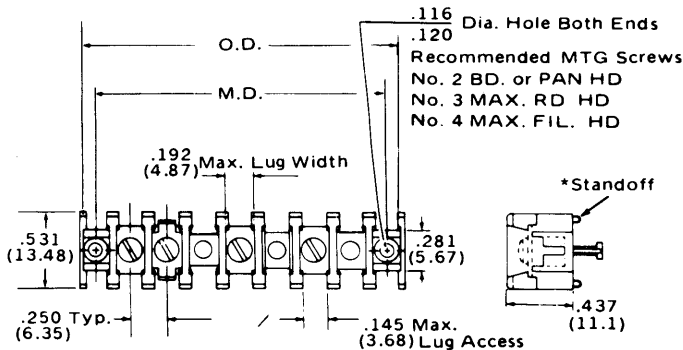
PC BOARD DRILLING DIMENSIONS



DIMENSIONS



NOTE: mm dim. are shown in parentheses



No. of Terminals	Mounting Dimensions		Overall Dimensions		Less Mounting Positions	
	Inches	Metric (mm)	Inches	Metric (mm)	Inches	Metric (mm)
1	.500	12.70	.781	19.84	.375	9.52
2	.750	19.05	1.031	26.19	.625	15.87
3	1.000	25.40	1.281	32.54	.875	22.22
4	1.250	31.75	1.531	38.89	1.125	28.57
5	1.500	38.10	1.781	45.24	1.375	34.92
6	1.750	44.45	2.031	51.59	1.625	41.27
7	2.000	50.80	2.281	57.94	1.875	47.62
8	2.250	57.15	2.531	64.29	2.125	53.97
9	2.500	63.50	2.781	70.64	2.375	60.32
10	2.750	69.85	3.031	76.99	2.625	66.67
11	3.000	76.20	3.281	83.34	2.875	73.02
12	3.250	82.55	3.531	89.69	3.125	79.37
13	3.500	88.90	3.781	96.04	3.375	85.72
14	3.750	95.25	4.031	102.39	3.625	92.07
15	4.000	101.60	4.281	108.74	3.875	98.42
16	4.250	107.95	4.531	115.09	4.125	104.77
17	4.500	114.30	4.781	121.44	4.375	111.12
18	4.750	120.65	5.031	127.79	4.625	117.47
19	5.000	127.00	5.281	134.14	4.875	123.82
20	5.250	133.35	5.531	140.49	5.125	130.17
21	5.500	139.70	5.781	146.84	5.375	136.52
22	5.750	146.05	6.031	153.19	5.625	142.87
23	6.000	152.40	6.281	159.54	5.875	149.22
24	6.250	158.75	6.531	165.89	6.125	155.57
25	6.500	165.10	6.781	172.24	6.375	161.92
26	6.750	171.45	7.031	178.59	6.625	168.27

Dimensions shown are ± 0.030".