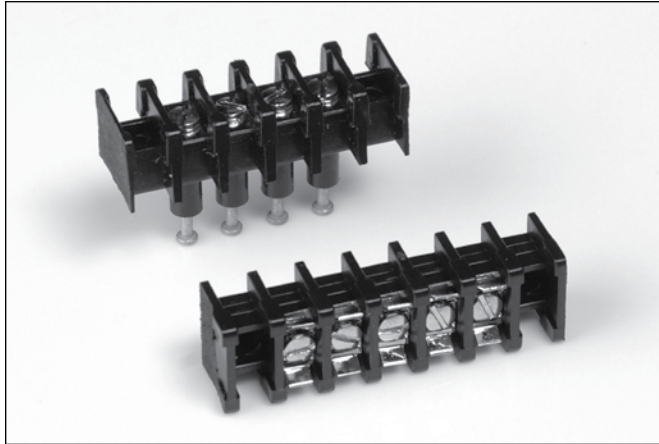


# Series SE/SEI .250" (1/4") 6.35mm Center-to-Center Spacing



## 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" diameter mounting holes. One thru 26 terminals on 1/4" center-to-center spacing.
- **Terminal Flexibility** – External terminals available in two No. 2-56 screw designs. Internal terminals include an .047" diameter printed circuit pin, and turret-type solder pins.
- **Wire Sizes** – No. 2-56 screws. UL recognized for No. 22AWG to No. 16AWG.
- **Recognition and Listing** – UL recognized
- **Standoffs** – SEPX and SEFX are now supplied with .020" standoffs for ease in cleaning after soldering.

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

**CSA** Guide No. 22.2 No. 158, Report No. LR39186-1.

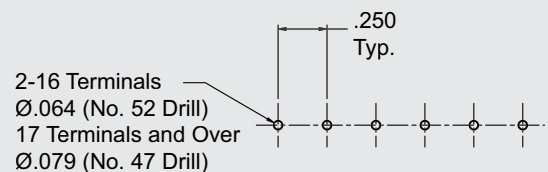
## Internal Terminal Designations

- SEPX, SEIPX** printed circuit board design with .047" tin-plated brass pin
- SEFX, SEIFX** tin-plated brass turret-type solder pin

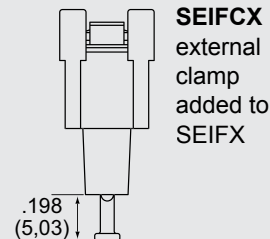
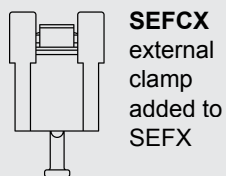
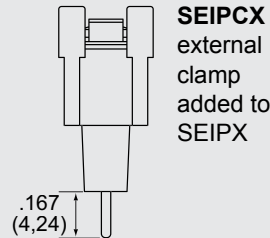
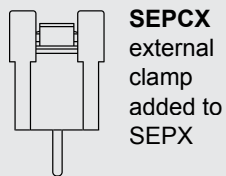
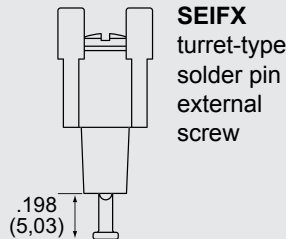
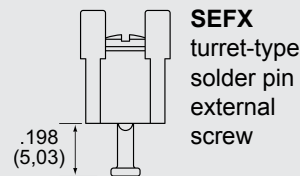
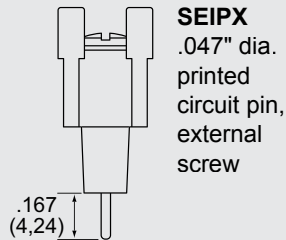
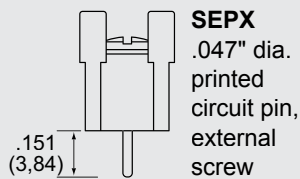
## External Terminal Designations

- SEPX, SEFX, SEIPX, SEIFX** No. 2-56 plated steel\* terminal screw accepting up to No. 16 AWG wire
- 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

## PC BOARD DRILLING DIMENSIONS



## VARIATIONS



Single Row

BARRIER STYLE



## Specifications:

**Center-to-Center Spacing:** .250" (6.35mm)

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

**No. 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	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 resistances.

### Breakdown Voltage:

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

## 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.

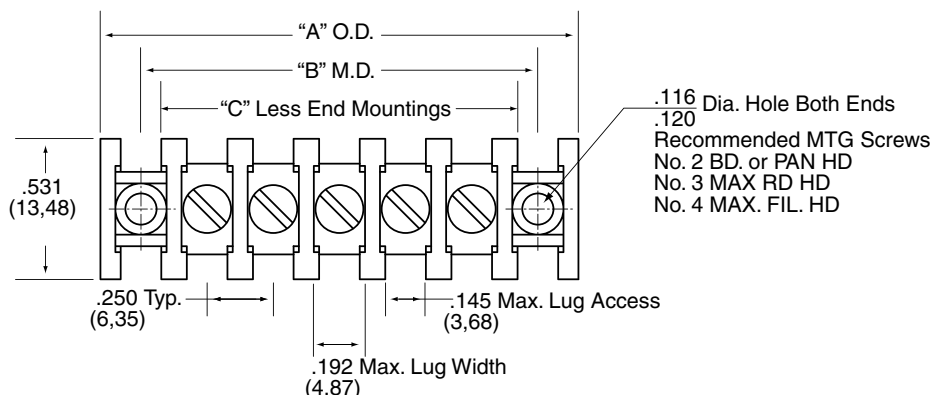
Suffixes are used as follows:

R denotes model less mounting positions

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

## Series SE/SEI Dimensions

NOTE: mm dim. are shown in parentheses



Series SE/SEI With Mounting Ends					Without Mounting Ends	
Number of Terminals	Dimensions					
	A ± .031 Overall Dimensions (O.D.)		B ± .031 Mounting Dimensions (M.D.)		C ± .031 Less Mounting Positions	
	Inches	Metric (mm)	Inches	Metric (mm)	Inches	Metric (mm)
1	.781	19.84	.500	12.70	.375	9.52
2	1.031	26.19	.750	19.05	.625	15.87
3	1.281	32.54	1.000	25.40	.875	22.22
4	1.531	38.89	1.250	31.75	1.125	28.57
5	1.187	45.24	1.500	38.10	1.375	34.92
6	2.031	51.59	1.750	44.45	1.625	41.27
7	2.281	57.94	2.000	50.80	1.875	47.62
8	2.531	64.29	2.250	57.15	2.125	53.97
9	2.781	70.64	2.500	63.50	2.375	60.32
10	3.031	76.99	2.750	69.85	2.625	66.67
11	3.281	83.34	3.000	96.20	2.875	73.02
12	3.531	89.69	3.250	82.55	3.125	79.37
13	3.781	96.04	3.500	88.90	3.375	85.72
14	4.031	102.39	3.750	95.25	3.625	92.07
15	4.281	108.74	4.000	101.60	3.875	98.42
16	4.531	115.09	4.250	107.95	4.125	104.77
17	4.781	121.44	4.500	114.30	4.375	111.12
18	5.031	127.79	4.750	120.65	4.625	117.47
19	5.281	134.14	5.000	127.00	4.875	123.82
20	5.531	140.49	5.250	133.35	5.125	130.17
21	5.781	146.84	5.500	139.70	5.375	136.52
22	6.031	153.19	5.750	146.05	5.625	142.87
23	6.281	159.54	6.000	152.40	5.875	149.22
24	6.531	165.89	6.250	158.75	6.125	155.57
25	6.781	172.24	6.500	165.10	6.375	161.92
26	7.031	178.59	6.750	171.45	6.625	168.27

Dimensions shown are ± 0.030"

