



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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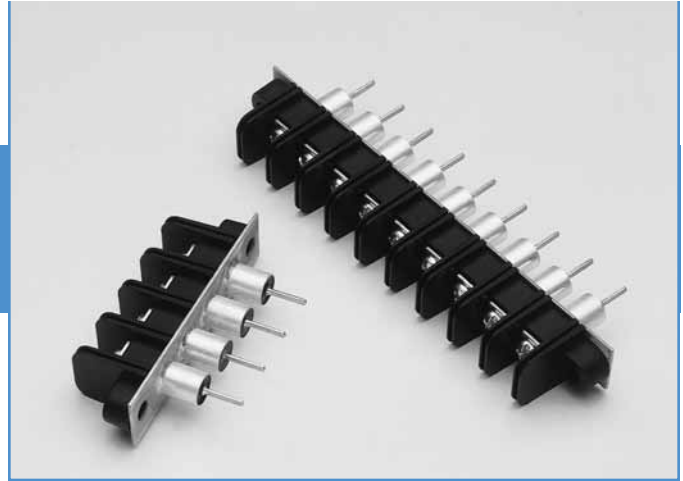


# 250 Volt AC Rated Filtered Terminal Blocks

Spectrum Control's filtered terminal block provides superior EMI/RFI filtering of AC power and control lines. This terminal block is available in various sizes, with terminals for soldering, spade lugs, or wire pigtails. Termination options available: straight lead male or female disconnects, or wire pigtails in lengths to your specification.

## Features

- UL recognized and CSA approved for AC voltages.
- E133076, UL 1059.
- LR92537, CSA STD 22.2 N°158-1987 and ECN584B.
- Termination options available: straight lead, male or female disconnects, pigtail (12 AWG-22 AWG).



## Applications

- Metering equipment
- Programmable controllers
- Industrial process control
- Heavy equipment controls
- Power supplies
- Regulators
- Surge sensing equipment
- Power factor correction
- Telecommunications power management, ATM, Sonet, etc.
- Medical equipment

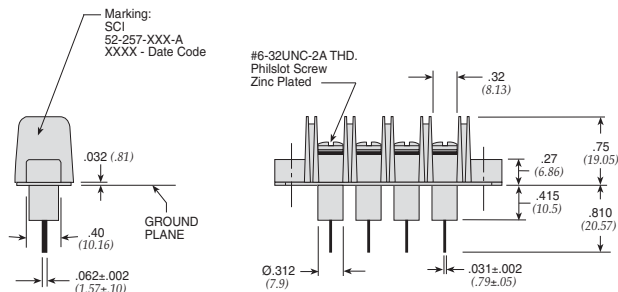
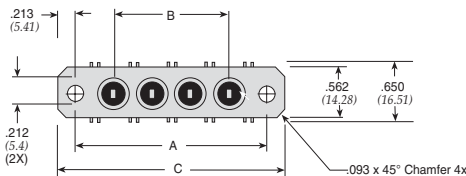
## Specifications

### ELECTRICAL

- Operating temperature:** -55° C to +105° C
- Voltage rating:** 250VAC
- Current rating:** 20 Amps
- Wire range:** 12-22AWG
- Torque:** 9 lb-in.
- Capacitance:** 2000pF to 5200pF
- Dielectric withstanding voltage:** 1500VAC @ 25° C

### MECHANICAL

- Center spacing:** .438" (11.1 mm)
- Wire size:** AWG #12 max. for 20 Amp
- Screw size:** 20A - #6-32, zinc plated phillslot
- Molded material:** UL rated 94VO polyamide
- Tightening torque:** 9 in.-lbs. max.
- Terminal options:** straight lead, male or female disconnects, pigtail



Filtered Arrays

Part Number	Number of Circuits	in. A (mm)	in. B (mm)	in. C (mm)
52-257-002	2	1.71 (43.4)	1.31 (33.3)	1.02 (25.9)
52-257-003	3	2.15 (54.6)	1.75 (44.5)	1.46 (37.1)
52-257-004	4	2.59 (65.8)	2.19 (55.6)	1.90 (48.3)
52-257-005	5	3.02 (76.7)	2.62 (66.5)	2.32 (58.9)
52-257-006	6	3.46 (87.9)	3.06 (77.7)	2.77 (70.4)

Dimensions in inches (mm)