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[52F257-002](#)

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sales@integrated-circuit.com



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

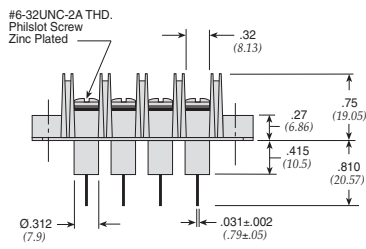
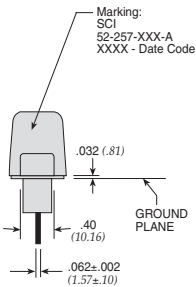
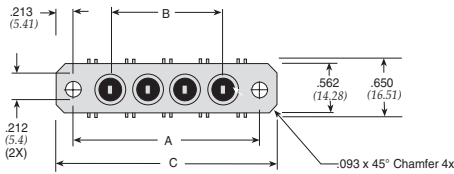
Specifications

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)