

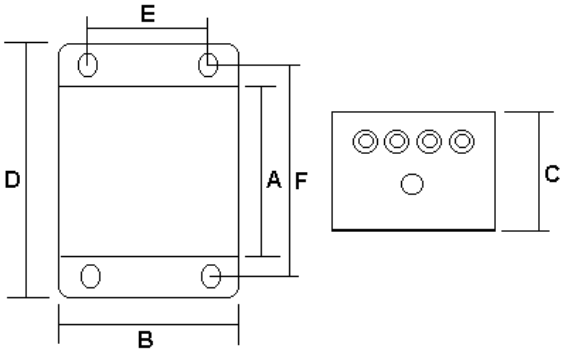
RPM8000 Series **MIL/COTS 3-PH+N EMI Power Line**

RPM8000
MILITARY / COTS TO 50A
47-400HZ
MIL-STD-461 / DO-160

Specifications

Operating Frequency: 47-400Hz
Max Operating Voltage: 480VAC
Operating Temperature: -40 to 70°C
Hipot Rating: 2500VDC (P/N - E)
Terminations: M5 (-S)
 M6 Studs (-50 Amp)
 Call for other termination types (e.g. Circular
 Mil Connector, etc.)
Applications: MIL-461 / DO-160

Mechanical

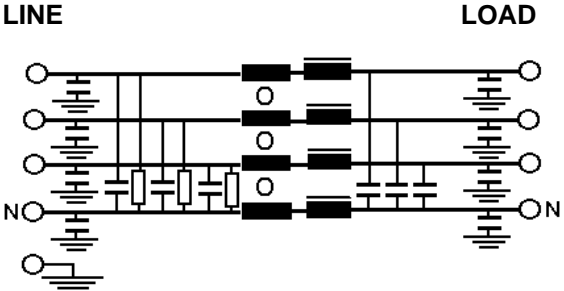


Part Number/Ordering

| RPM8000 | -X (Amps) | -T |
|---------|--------------|----------|
| | 5 | S |
| | 10 | |
| | 20 | |
| | 30 | |
| | 50 | |

| I | A | B | C | D | E | F | MTG |
|-------|------|------|------|------|------|-----|---------|
| 5, 10 | 4.25 | 4.25 | 2.25 | 5.75 | 3.5 | 5 | 0.2x0.4 |
| 20 | 5 | 4 | 2.75 | 6.7 | 3.25 | 5.8 | 0.2x0.4 |
| 30 | 8 | 3.5 | 2.75 | 10 | 2.5 | 9 | 0.2x0.3 |
| 50 | 10 | 4 | 3.25 | 11 | 3 | 11 | 0.2x0.3 |

Schematic



Typical Insertion Loss, 50ohm

| FREQ(MHz) | .01 | .15 | .5 | 1 | 10 | 30 |
|---------------|-----|-----|----|----|----|----|
| CM, dB | 16 | 30 | 48 | 52 | 48 | 35 |
| DM, dB | 22 | 40 | 55 | 55 | 45 | 30 |

Dimensions shown for reference only.
 Specifications subject to change.