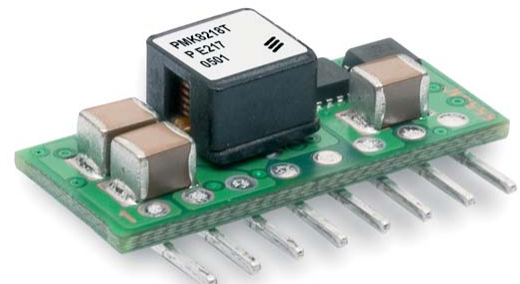


DC/DC regulator

Input 10.8-13.2 Vdc
Output 8 A

Key Features

- 0.8 - 1.8 Vdc / 1.2 - 5.5 Vdc Output Voltage
- Efficiencies up to 93 %
- Prebias Start Up
- Auto Track™ Sequencing
- Inhibit On/Off, Over Current Protection & Under-Voltage Lockout
- Safety Agency Approvals: UL/cUL 60950, EN60950 VDE (Pending)



Safety Approvals

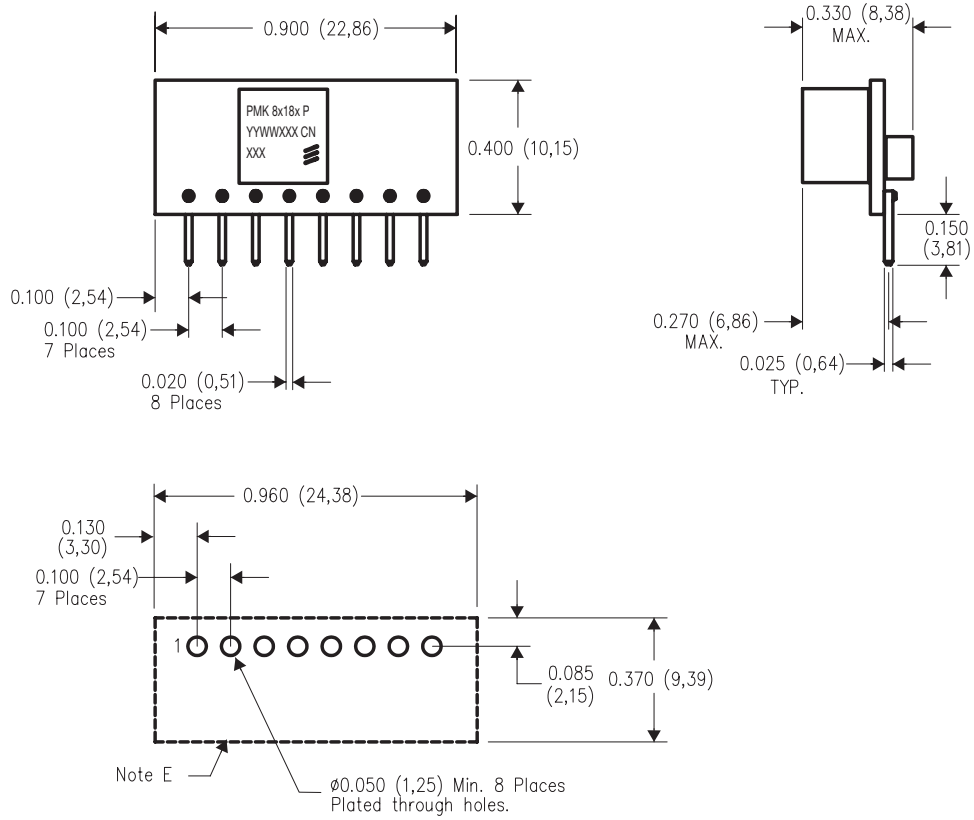


The PMK series of DC/DC regulators (POL) are intended to be used as local distributed power sources in distributed power architecture. The high efficiency and high reliability of the PMK series makes them particularly suited for the communications equipment of today and tomorrow.

These products are manufactured using the most advanced technologies and materials to comply with environmental requirements. Designed to meet high reliability requirements of systems manufacturers, the PMK responds to world-class specifications.

Ericsson Power Modules is an ISO 9001/14001 certified supplier.

Mechanical Information



PC LAYOUT

4205909/A 03/04

- NOTES:
- A. All linear dimensions are in inches (mm).
 - B. This drawing is subject to change without notice.
 - C. 2 place decimals are ± 0.030 ($\pm 0,76$ mm).
 - D. 3 place decimals are ± 0.010 ($\pm 0,25$ mm).
 - E. Recommended keep out area for user components.
 - F. Pins are 0.020" (0,51) x 0.025" (0,64).
 - G. All pins: Material – Copper Alloy
Finish – Tin (100%) over Nickel plate

Product Program

Vin [V]	Vout [V]	Iout [A]	Pin Configuration	Part No.	Comment
10.8 - 13.2	0.8-1.8	8	SIP	PMK 8118T P	Samples Available
10.8 - 13.2	1.2-5.5	8	SIP	PMK 8418L P	Samples Available

Pin configuration

Pin	Function
1	GND
2	V _O
3	V _O
4	V _O adjust
5	Track
6	GND
7	Inhibit
8	V _{IN}

New Product Overview is intended for discussion to determine interest and requirements. Information provided is believed to be accurate and reliable. Ericsson Power Modules makes no commitment to sample or manufacture for sale these products and reserves the right to make changes to the product, or information contained herein, without notice.

Ericsson Power Modules AB

SE-126 25 Stockholm, Sweden

Telephone: +46 8 568 69620

For local sales contacts, please refer to our website
www.ericsson.com/powermodules

or call: Int +46 8 568 69620, Fax: +46 8 568 69599

Americas

Ericsson Inc., Power Modules

+1-972-583-5254, +1-972-583-6910

Asia/Pacific

Ericsson Ltd.

+852-2590-2453

New Product Overview

EN/LZT 146 206 R1A

© Ericsson Power Modules AB, September 2005