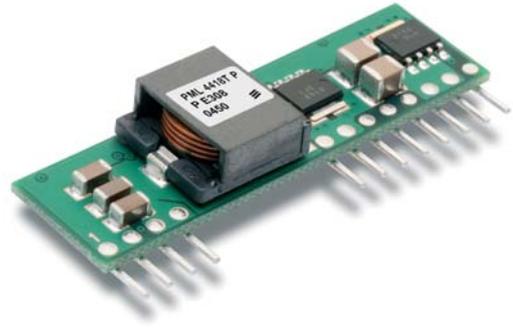


DC/DC regulator

Input 2.95 - 3.65 Vdc
Output 18 A

Key Features

- 0.8 - 2.5 Vdc Output Voltage
- Efficiencies up to 96 %
- Prebias Start Up
- Auto Track™ Sequencing
- Inhibit On/Off, Over Current Protection
& Under-Voltage Lockout
- Safety Agency Approvals: UL/cUL
60950, EN60950 VDE (Pending)



POLA™

Safety Approvals

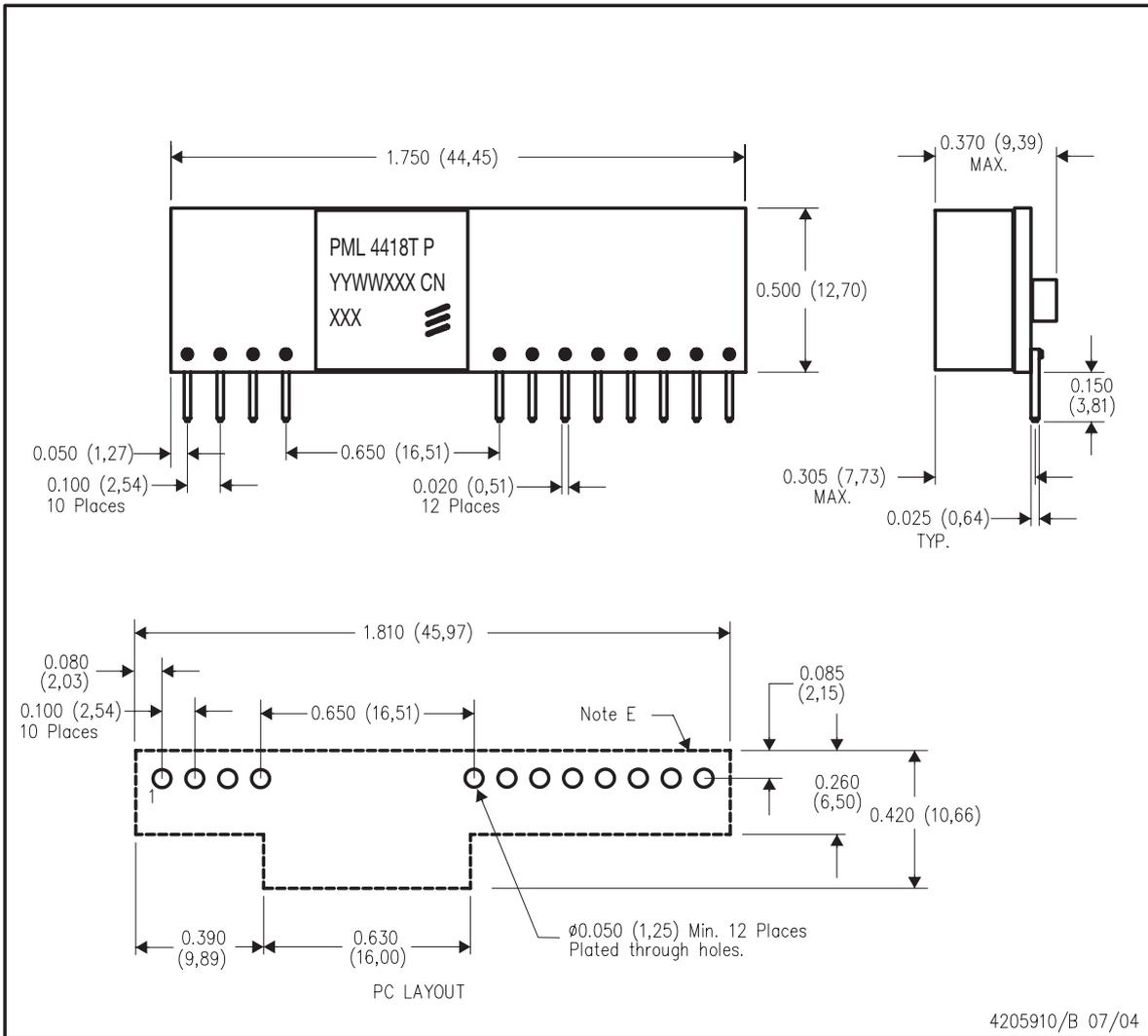
UL® **US** Pending

The PML 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 PML 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 PML responds to world-class specifications.

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

Mechanical Information



4205910/B 07/04

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

Product Program

Vin [V]	Vout [V]	Iout [A]	Pin Configuration	Part No.	Comment
2.95 - 3.65	0.8-2.5	18	SIP	PML 4418T P	Samples Available

Pin configuration

Pin	Function
1	GND
2	GND
3	V _O
4	V _O
5	V _I
6	V _I
7	V _O sense
8	V _O adjust
9	Track
10	GND
11	GND
12	Inhibit

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.

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New Product Overview

EN/LZT 146 211 R1A

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DC/DC regulator

Input 4.5 - 5.5 Vdc
Output 18 A

Key Features

- 0.8 - 3.6 Vdc Output Voltage
- Efficiencies up to 96 %
- Prebias Start Up
- Auto Track™ Sequencing
- Inhibit On/Off, Over Current Protection
& Under-Voltage Lockout
- Safety Agency Approvals: UL/cUL
60950, EN60950 VDE (Pending)



POLA™

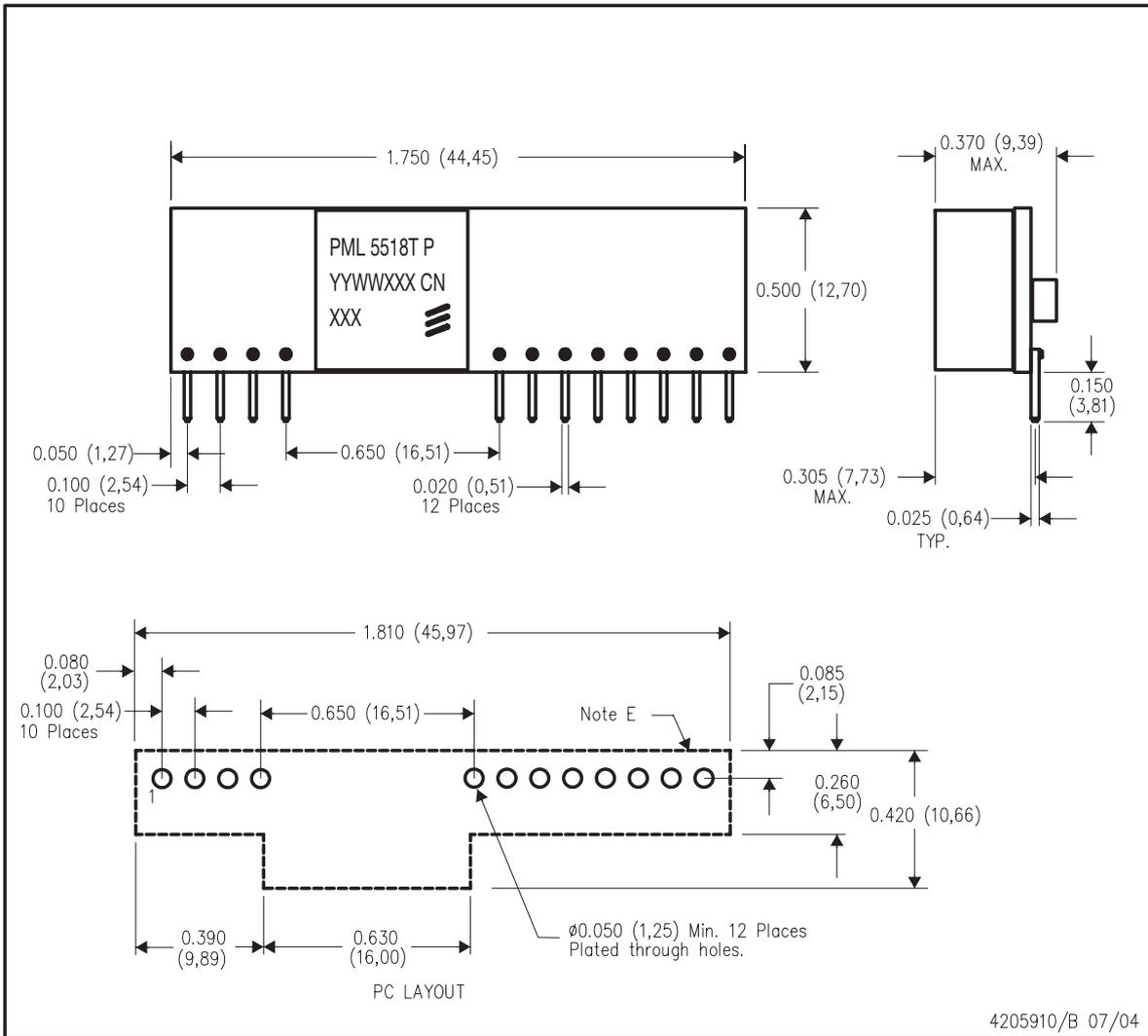
Safety Approvals
C **UL** **US** Pending

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Mechanical Information



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 - Recommended keep out area for user components.
 - Pins are 0.020" (0,51) x 0.025" (0,64).
 - All pins: Material - Copper Alloy
Finish - Tin (100%) over Nickel plate

Product Program

Vin [V]	Vout [V]	Iout [A]	Pin Configuration	Part No.	Comment
4.5 - 5.5	0.8-3.6	18	SIP	PML 5518T P	Samples Available

Pin configuration

Pin	Function
1	GND
2	GND
3	V _O
4	V _O
5	V _I
6	V _I
7	V _O sense
8	V _O adjust
9	Track
10	GND
11	GND
12	Inhibit

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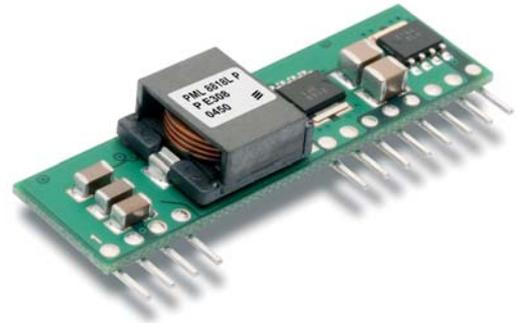
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DC/DC regulator

Input 10.8-13.2 Vdc
Output 16 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



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Product Program

Vin [V]	Vout [V]	Iout [A]	Pin Configuration	Part No.	Comment
10.8 - 13.2	0.8-1.8	16	SIP	PML 8218T P	Samples Available
10.8 - 13.2	1.2-5.5	16	SIP	PML 8818L P	Samples Available

Pin configuration

Pin	Function
1	GND
2	GND
3	V _O
4	V _O
5	V _I
6	V _I
7	V _O sense
8	V _O adjust
9	Track
10	GND
11	GND
12	Inhibit

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