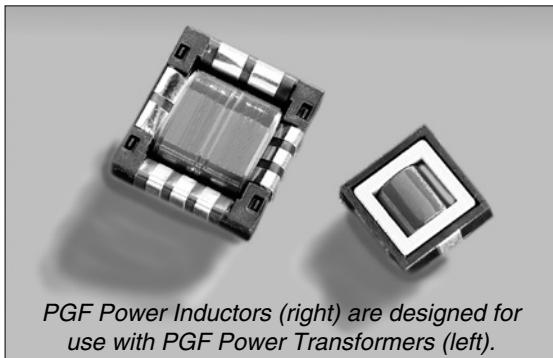





PGF POWER INDUCTORS

High Current, Low Profile,
High Frequency

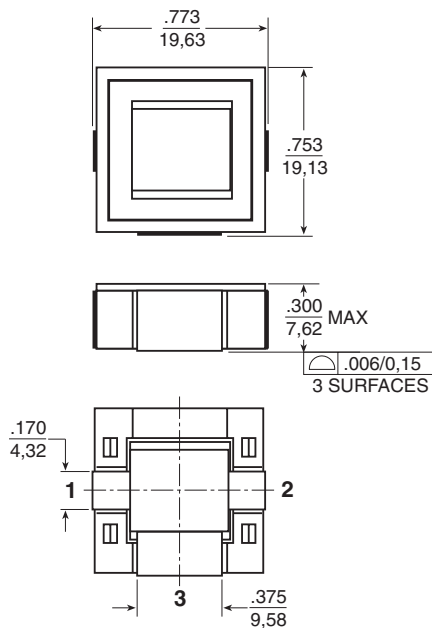


-  15 AMP current capability
-  Surface mount
-  Heat sink compatible

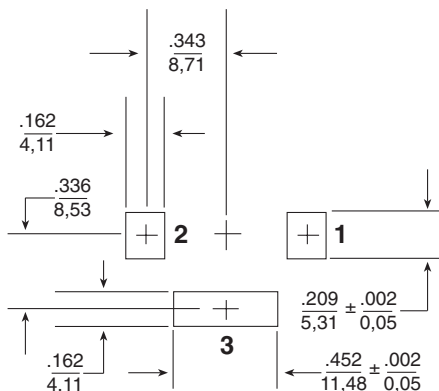
Electrical Specifications* @ 25°C — Operating Temperature -20°C to +85°C

Part Number	Inductance $\pm 30\%$ at 0 ADC (μH)	Inductance $\pm 30\%$ at IDC (μH)	IDC (MAX ADC at ET MAX)	ET MAX* (V- μSec)	F0 (KHz)	DCR MAX. (milli Ohms)
PE-53974	3.2	1.75	15	6	200-750	4.3
PE-53975	6.7	3.5	10	9	150-750	8.4

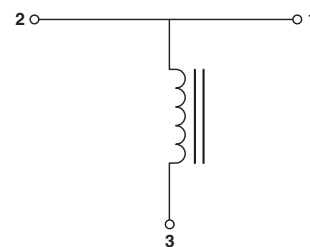
Mechanical



Footprint



Schematic



Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

Application

These inductors are designed for high current at high ripple

frequency. Overall height is 300 mils $\pm 10\%$. The PE-53974

and PE-53975 power inductors are designed to be used with the

***NOTE:** Specifications are tabulated for 250 KHz operation at 45°C temperature rise with convection cooling only. Heatsinked applications provide higher current and Volt-Microsecond capability.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [Pulse manufacturer](#):

Other Similar products are found below :

[MLZ1608M6R8WTD25](#) [MLZ1608N6R8LT000](#) [MLZ1608N3R3LTD25](#) [MLZ1608N3R3LT000](#) [MLZ1608N150LT000](#)

[MLZ1608M150WTD25](#) [MLZ1608M3R3WTD25](#) [MLZ1608M3R3WT000](#) [MLZ1608M150WT000](#) [MLZ1608A1R5WT000](#)

[MLZ1608N1R5LT000](#) [B82432C1333K000](#) [PCMB053T-1R0MS](#) [PCMB053T-1R5MS](#) [PCMB104T-1R5MS](#) [CR32NP-100KC](#) [CR32NP-](#)

[151KC](#) [CR32NP-180KC](#) [CR32NP-181KC](#) [CR32NP-1R5MC](#) [CR32NP-390KC](#) [CR32NP-3R9MC](#) [CR32NP-680KC](#) [CR32NP-820KC](#)

[CR32NP-8R2MC](#) [CR43NP-390KC](#) [CR43NP-560KC](#) [CR43NP-680KC](#) [CR54NP-181KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#)

[MGDQ4-00004-P](#) [MGDU1-00016-P](#) [MHL1ECTTP18NJ](#) [MHL1JCTTD12NJ](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-](#)

[62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [PM06-2N7](#) [PM06-39NJ](#) [HC2LP-R47-R](#) [HC2-R47-R](#) [HC3-2R2-R](#) [HC8-1R2-R](#)