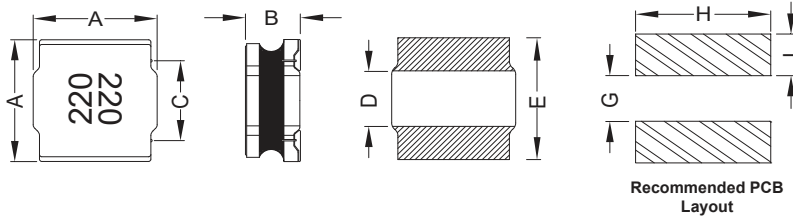




SMD SHIELDED POWER CHIP INDUCTOR

PCS62MH

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



Recommended PCB Layout

A	B	C	D	E
$\frac{.236 \pm .008}{(6.0 \pm 0.2)}$	$\frac{.110}{(2.8)} \text{ Max}$	$\frac{.104 \pm .008}{(4.325 \pm 0.2)}$	$\frac{.104 \pm .008}{(2.65 \pm 0.2)}$	$\frac{.236 \pm .008}{(6.0 \pm 0.2)}$

H	G	I
$\frac{.224}{(5.7)}$	$\frac{.122}{(3.1)}$	$\frac{.063}{(1.6)}$

Allied Part Number	Inductance (μH)	Tolerance ($\pm\%$)	Test Freq. (KHz)	DCR (m Ω) Max	Isat (A) Max	I _{rms} (A) Max
PCS62MH-220M-RC	22	20	100	175.5	1.3	1.4

All specifications subject to change without notice.

Features

- Magnetically Shielded Construction
- Low Profile
- Low DC Resistance

Electrical

Inductance Range: 22 μH

Tolerance: $\pm 20\%$

Operating Temp: -40°C to +125°C

Isat: DC current at which the inductance drops approximately 30% from its value without current.

I_{rms}: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 25°C ambient.

Physical

Packaging: 1500 per 13" Reel

Marking: EIA Code