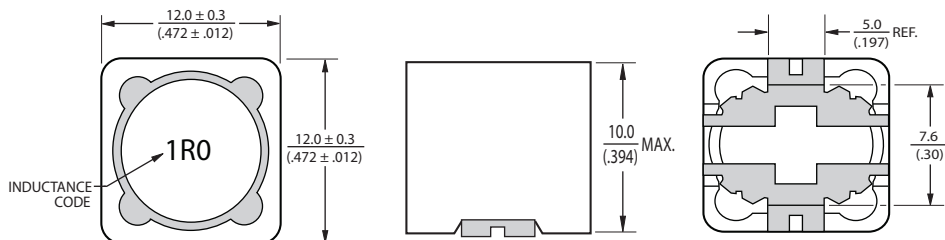




Power Chip Shielded Inductor PCS129

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



Allied Part Number	Inductance (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PCS129-1R0M-RC	1.0	20	0.007	17.00
PCS129-1R5M-RC	1.5	20	0.005	16.00
PCS129-2R4M-RC	2.4	20	0.006	15.00
PCS129-3R3M-RC	3.3	20	0.009	14.00
PCS129-3R5M-RC	3.5	20	0.009	14.00
PCS129-6R8M-RC	6.8	20	0.013	10.00
PCS129-8R2M-RC	8.2	20	0.015	8.20
PCS129-100M-RC	10	20	0.018	7.50
PCS129-120M-RC	12	20	0.019	7.00
PCS129-150M-RC	15	20	0.024	6.00
PCS129-180M-RC	18	20	0.031	5.50
PCS129-220M-RC	22	20	0.039	5.00
PCS129-270M-RC	27	20	0.045	4.50
PCS129-330M-RC	33	20	0.050	4.00
PCS129-390M-RC	39	20	0.059	3.80
PCS129-470M-RC	47	20	0.069	3.50
PCS129-560M-RC	56	20	0.079	3.20
PCS129-680M-RC	68	20	0.088	3.00
PCS129-820M-RC	82	20	0.110	2.60
PCS129-101M-RC	100	20	0.140	2.20
PCS129-121M-RC	120	20	0.160	2.00
PCS129-151M-RC	150	20	0.200	1.80
PCS129-181M-RC	180	20	0.270	1.60
PCS129-221M-RC	220	20	0.300	1.50
PCS129-271M-RC	270	20	0.400	1.30
PCS129-331M-RC	330	20	0.450	1.20
PCS129-391M-RC	390	20	0.550	1.10
PCS129-471M-RC	470	20	0.600	1.00
PCS129-561M-RC	560	20	0.700	0.90
PCS129-681M-RC	680	20	0.840	0.82
PCS129-821M-RC	820	20	1.060	0.80
PCS129-102M-RC	1000	20	1.270	0.76

All specifications subject to change without notice.

Features

- High power inductors
- Magnetically Shielded
- Directly connected electrode on ferrite core
- Highly accurate dimensions for surface mounting.

Electrical

Inductance Range: 1.0μH to 1000μH

Tolerance: ±20% over the entire inductance range.

Test Frequency: 1.0μH to 8.2μH @ 100KHz, 0.25V 10μH to 1000μH @ 1KHz, 0.25V.

Operating Temp. Range: -40°C to +125°C

IDC: The DC current at which the inductance drops by no more than 25% of its initial value or when the temperature rises by 40°C whichever is lower.

Physical

Marking: EIA Inductance Code

Packaging: 300 pieces per 13 inch reel.