



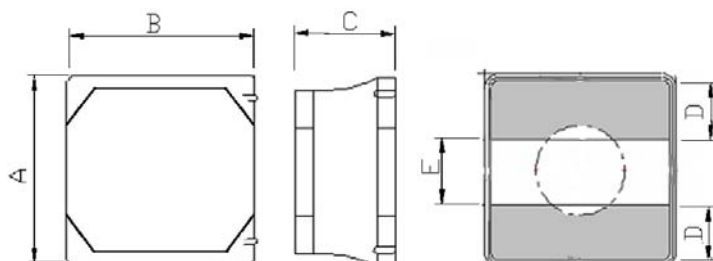
Sealed Power Inductor

GPC4010TF-SERIES

1. Features

1. This specification applies Low Profile Power Inductors.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
3. Operating temperature :-40~+125℃ (Including self - temperature rise)

2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
GPC4010TF	4.0±0.2	4.0±0.2	1.0 max.	1.2 ref.	1.6 ref.

3. Part Numbering

GPC	4010	TF	-	100	M
A	B	C		D	E

A: Series

B: Dimension

C: Lead Free

D: Inductance

100=10uH

E: Inductance Tolerance

M=±20% ; Y=±30%

4. Specification

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (Ω) ±20%	I sat (A)typ.	I rms (A)typ.
GPC4010TF -1R0Y	1.00	±30%	1V100K	0.056	2.40	2.30
GPC4010TF -2R2M	2.20	±20%	1V100K	0.085	1.50	1.80
GPC4010TF-3R3M	3.30	±20%	1V100K	0.100	1.30	1.70
GPC4010TF-4R7M	4.70	±20%	1V100K	0.140	1.20	1.50
GPC4010TF-6R8M	6.80	±20%	1V100K	0.200	1.00	1.20
GPC4010TF-100M	10.0	±20%	1V100K	0.300	0.80	0.90
GPC4010TF-150M	15.0	±20%	1V100K	0.430	0.70	0.80
GPC4010TF-220M	22.0	±20%	1V100K	0.570	0.60	0.80

Note:

Isat : Saturation Current (Isat) will cause L0 to drop approximately 30%.

Irms : Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃



9. Typical Performance Curves

