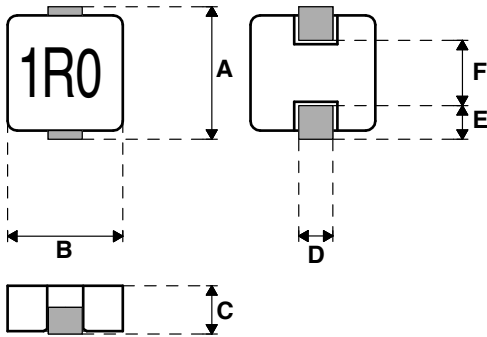


Series LP4040R



Commercial Low Profile Surface Mount Power Inductors



Physical Parameters

	Inches	Millimeters
A	0.453 Max.	11.5 Max.
B	0.406 Max.	10.3 Max.
C	0.157 Max.	4.0 Max.
D	0.098 to 0.138	2.5 to 3.5
E	0.075 to 0.098	1.9 to 2.5
F	0.283 (Ref. only)	7.2 (Ref. only)

Dimensions "A" and "C" are over terminals.

Operating Temperature Range -20°C to +125°C

Current Rating at 25° Ambient 40°C Rise

Inductance Measured at 0.25VAC with no DC Current

Incremental Current The current at which the inductance will be decreased by a maximum of 20% from its initial 0 DC value.

Application Frequency Range to 1.0MHz

Packaging Tape & reel: 13" reel, 500 pieces max.

Unique inductive coil construction presents two outer coils ends, each integrally formed into a terminal lead at opposed sides of the inductor.

DASH NUMBER

INDUCTANCE (μH)
±20% @ 100 kHz

DC RESISTANCE
MAXIMUM (mOhms)

CURRENT RATING
TYPICAL (A DC)

INCREMENTAL
CURRENT
TYPICAL

SERIES LP4040R METAL DUST CORE

-R36M	0.36	1.20	30.0	60.0
-R45M	0.45	1.50	29.0	45.0
-R56M	0.56	1.80	25.0	40.0
-R88M	0.88	3.00	20.0	38.0
-1R0M	1.0	3.30	18.0	36.0
-1R5M	1.5	4.20	16.0	33.0

For further surface finish information refer to TECHNICAL section of this catalog.