

## Features:

- Excellent solderability and high heat resistance.
- Excellent terminal strength construction.
- Packed in embossed carrier tape and can be used by automatic mounting machine.

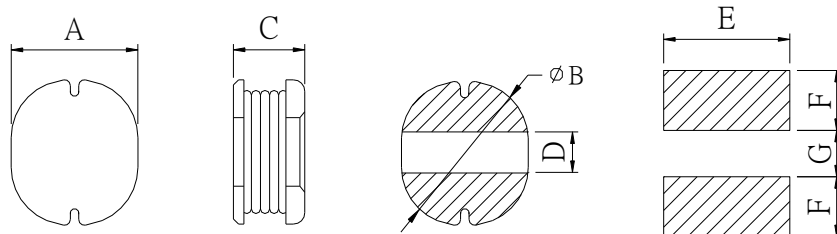
## Applications:

- Power supply for VCR, OA equipment, LIC television set notebook, DC to DC converters, DC to AC inverters etc.

## Test Equipment and Conditions:

- Inductance is measured with HP-4284A LCR meter or equivalent.
- Maximum allowable DC current is that which causes 10% inductance reduction of the initial value, or coil temperature to rise by 40°C, whichever is smaller.(Reference ambient temperature 20°C) .

## External dimensions (Unit:mm)



A	B	C	D	E	F	G
4.0±0.3	4.5±0.3	3.2±0.3	1.1Ref.	4.5	2.00	1.0

## Part Number Code:

RND 165APC    04    A    32    M    1R0  
                   A            B    C            D            E            F

A: Series Name	Power Inductor
B: Dimensions(mm)	04: 4.0x4.5
C: Materials	NO use
D: Thickness(mm)	32: 3.2
E: Tolerance	M: ±20%
F: Inductance	1R0=1uH

# SMD Power Inductors

APC Series



## Product Range:

Part Number	Inductance (µH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
RND 165APC04A32M1R0	1.0	100	0.048	2.56
RND 165APC04A32M220	22	100	0.378	0.68
RND 165APC04A32M2R2	2.2	100	0.071	1.75
RND 165APC04A32M331	330	100	0.540	0.56
RND 165APC04A32M3R3	3.3	100	0.086	1.44
RND 165APC04A32M470	47	100	0.844	0.44
RND 165APC04A32M561	560	100	0.937	0.42