

### APC-S Series

#### Features

- To be high saturation for surface mounting.

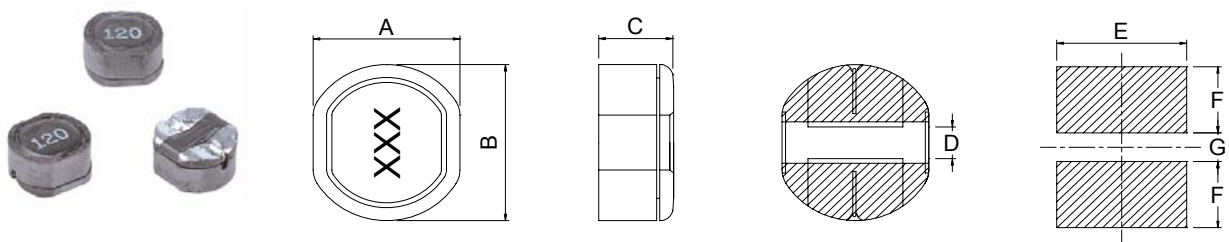
#### Applications

- VTR, OA equipment, LIC television sets, notebook PC, portable communication equipments.

#### Test Equipment and Conditions

- Inductance is measured with HP-4286A LCR meter or equivalent. Inductance drops 10% typical at Isat.
- level with temperature rise under 40°C in accordance with Irms measurement.
- Operating temperature: -25°C~+85°C.

#### External Dimensions (Unit: m/m)



TYPE	A	B	C	D	E	F	G	Q'TY/Reel
APC06S32	5.6±0.3	6.2±0.3	3.2±0.5	2.0Ref.	6.5	2.5	2.0	1500
APC07S45	7.0±0.3	7.8±0.3	4.5±0.3	1.1Ref.	8.0	3.0	2.5	1000
APC09S55	9.0±0.3	10±0.3	5.5±0.3	1.1Ref.	10	3.5	3.0	500

#### Part Number Code

APC    06    S    32    N    100  
 A        B        C        D        E        F

A: Series Name                      Power Inductor  
 B: Dimensions(mm)                06: 5.6x6.2    07: 7.0x7.8  
 C: Materials                         S= Shielded type  
 D: Thickness(mm)                 32: 3.2    45: 4.5  
 E: Tolerance                         M: ±20%    N: ±30%  
 F: Inductance                         100=10uH

### APC-S Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max	Isat (A) Max
APC06S32□-100	10	100	0.14	1.00
APC06S32□-120	12	100	0.16	0.94
APC06S32□-150	15	100	0.18	0.86
APC06S32□-180	18	100	0.25	0.78
APC06S32□-220	22	100	0.32	0.76
APC06S32□-270	27	100	0.36	0.64
APC06S32□-330	33	100	0.41	0.61
APC06S32□-390	39	100	0.47	0.53
APC06S32□-470	47	100	0.51	0.50
APC06S32□-560	56	100	0.72	0.46
APC06S32□-680	68	100	0.82	0.42
APC07S45□-100	10	100	0.07	1.65
APC07S45□-120	12	100	0.07	1.57
APC07S45□-150	15	100	0.08	1.39
APC07S45□-180	18	100	0.10	1.29
APC07S45□-220	22	100	0.13	1.12
APC07S45□-270	27	100	0.16	1.06
APC07S45□-330	33	100	0.18	0.97
APC07S45□-390	39	100	0.18	0.91
APC07S45□-470	47	100	0.27	0.80
APC07S45□-560	56	100	0.29	0.76
APC07S45□-680	68	100	0.33	0.68
APC07S45□-820	82	100	0.43	0.62
APC07S45□-101	100	100	0.49	0.55
APC07S45□-121	120	100	0.68	0.49
APC07S45□-151	150	100	0.94	0.44
APC07S45□-181	180	100	1.00	0.40
APC07S45□-221	220	100	1.18	0.36
APC07S45□-271	270	100	1.30	0.33
APC09S55□-100	10	100	0.06	2.06
APC09S55□-120	12	100	0.07	1.94
APC09S55□-150	15	100	0.07	1.72
APC09S55□-180	18	100	0.08	1.58
APC09S55□-220	22	100	0.08	1.42
APC09S55□-270	27	100	0.10	1.32
APC09S55□-330	33	100	0.11	1.16
APC09S55□-390	39	100	0.12	1.10
APC09S55□-470	47	100	0.14	1.00
APC09S55□-560	56	100	0.19	0.93
APC09S55□-680	68	100	0.21	0.85
APC09S55□-820	82	100	0.28	0.79
APC09S55□-101	100	100	0.34	0.72
APC09S55□-121	120	100	0.37	0.63
APC09S55□-151	150	100	0.51	0.55
APC09S55□-181	180	100	0.57	0.50