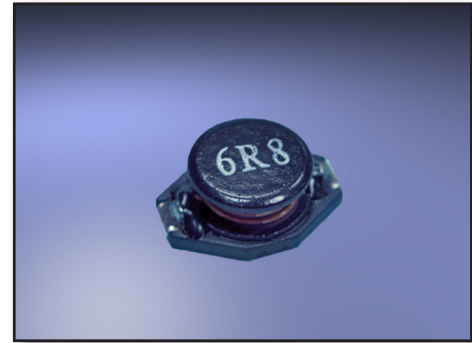
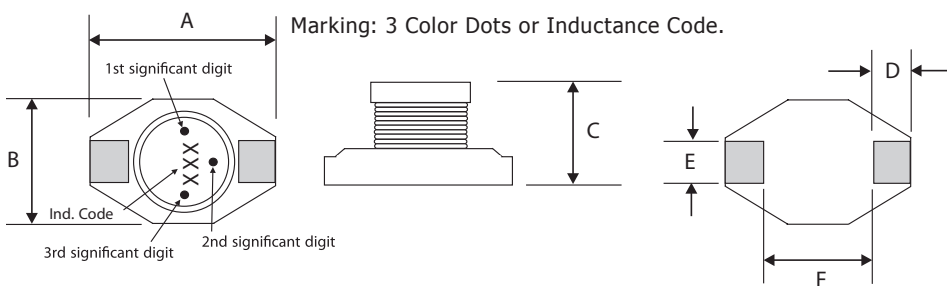


**Features :**

- Description: SMD power inductor - UNSHIELDED TYPE
- Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops.
- Operating Temperature: -40°C to +125°C
- Isat: DC current at which the inductance drops 10% (typ.) from it's value without current.
- Irms: Average current for 40°C temperature rise from 25°C ambient.
- Inductance Tolerance: ±20%
- Testing: Inductance is tested on an HP4263B at 100kHz
- Packaging: Tape & reel, 1000pcs / 13" (330mm) reels.
- Marking: 3 Color Dots or Inductance Code.
- Additional info available upon request.



Part Number	Inductance (µH)	@ L Test Freq. (kHz)	SRF min (MHz)	DCR max (Ohms)	Isat (A)	Irms (A)
AXDO3316P-102	1.0	100	100	0.009	9.0	6.8
AXDO3316P-152	1.5	100	90	0.010	8.0	6.4
AXDO3316P-222	2.2	100	80	0.012	7.0	6.1
AXDO3316P-332	3.3	100	65	0.015	6.4	5.4
AXDO3316P-472	4.7	100	45	0.018	5.4	4.8
AXDO3316P-682	6.8	100	38	0.027	4.6	4.4
AXDO3316P-103	10	100	30	0.038	3.8	3.9
AXDO3316P-153	15	100	27	0.046	3.0	3.1
AXDO3316P-223	22	100	19	0.085	2.6	2.7
AXDO3316P-333	33	100	15	0.10	2.0	2.1
AXDO3316P-473	47	100	12	0.14	1.6	1.8
AXDO3316P-683	68	100	10	0.20	1.4	1.5
AXDO3316P-104	100	100	9.0	0.28	1.2	1.3
AXDO3316P-154	150	100	6.0	0.40	1.0	1.0
AXDO3316P-224	220	100	5.0	0.61	0.80	0.80
AXDO3316P-334	330	100	4.5	1.02	0.60	0.60
AXDO3316P-474	470	100	3.5	1.27	0.50	0.50
AXDO3316P-684	680	100	2.5	2.02	0.40	0.40
AXDO3316P-105	1000	100	2.0	3.00	0.30	0.30
AXDO3316P-155	1500	100	1.0	5.00	0.27	0.25

**Dimensions :**


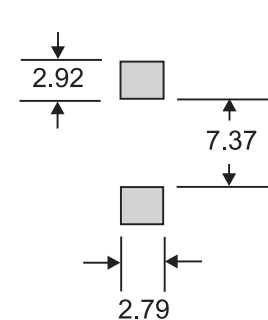
Color Marking: Yellow / Violet / Orange  
1st / 2nd / 3rd  
4 / 7 / 3 = 47000nH = 47µH

Dot 1 and 2 indicate inductance in "nano Henries".  
Dot 3 indicates the number of zeroes to be added.

Size	A	B	C	D	E	F
mm	12.95 Max.	9.4 Max.	5.2 Max.	2.54	2.54	7.62
inches	0.51 Max.	0.37 Max.	0.2 Max.	0.1	0.1	0.3

**Recommended Land Pattern :**

Unit: mm



Color	Code
Black	0
Brown	1
Red	2
Orange	3
Yellow	4
Green	5
Blue	6
Violet	7
Gray	8
White	9