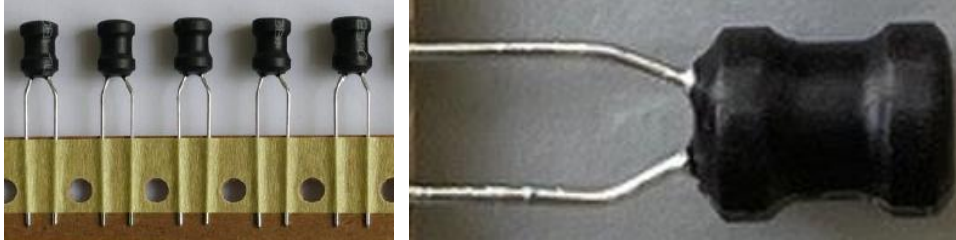
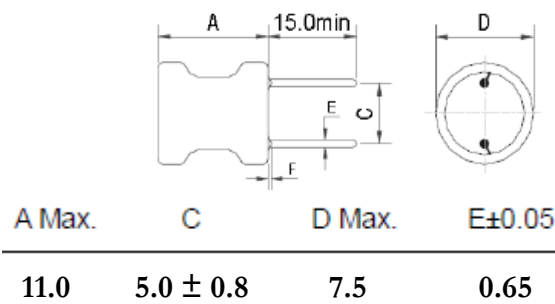


The Choke Sd 76

00612800 - 42 Rev. 0



Shape and Dimensions(Dimensions are in mm) :



Dimensions: mm

Circuit



Testing:

Measured with: L, Q, R_{DC} = Agilent E 4980 A or equivalent

<i>L'</i> [μH]	± %	Q ≥	Q at f [MHz]	R _{DC} max [Ω]	I _{max} [mA]	Item Number
3.3	10	20	7.96	0.016	3500	00612800
4.7	10	20	7.96	0.020	3000	00612801
6.8	10	20	7.96	0.022	2500	00612802
10	10	30	2.52	0.039	2000	00612803
15	10	30	2.52	0.045	1700	00612804
22	10	30	2.52	0.062	1400	00612805
33	10	30	2.52	0.1	1100	00612806
47	10	30	2.52	0.15	950	00612807
68	10	30	2.52	0.22	800	00612808
100	10	20	0.796	0.35	650	00612809
150	10	20	0.796	0.43	540	00612810
220	10	20	0.796	0.9	440	00612811
330	10	20	0.796	1.5	360	00612812
470	10	20	0.796	1.8	300	00612813
680	10	20	0.796	2.5	250	00612814
1000	10	100	0.252	3.2	200	00612815
1200	10	70	0.252	3.5	180	00612816
1500	10	70	0.252	4.5	170	00612817
1800	10	70	0.252	5.0	155	00612818
2200	10	70	0.252	6.8	140	00612819

Alle Angaben ohne Gewähr. Irrtümer und Änderungen vorbehalten. No responsibility is taken for the correctness. Errors and modifications are subject to change.

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<i>L *1</i> [μH]	<i>±</i> %	<i>Q</i> ≥	<i>Q at f</i> [MHz]	<i>RDC max</i> [Ω]	<i>I_{max}</i> [mA]	<i>Item Number</i>
2700	10	70	0.252	7.2	125	00612820
3300	10	70	0.252	10.5	115	00612821
3900	10	70	0.252	11.7	105	00612822
4700	10	70	0.252	13.6	95	00612823
5600	10	70	0.252	16.6	85	00612824
6800	10	70	0.252	19.6	80	00612825
8200	10	70	0.252	25.2	70	00612826
10000	10	70	0.0796	29.5	65	00612827
12000	10	50	0.0796	33.8	60	00612828
15000	10	50	0.0796	45.4	55	00612829
18000	10	50	0.0796	50.4	50	00612830
22000	10	50	0.0796	80.0	45	00612831
30000	10	50	0.0796	91.5	40	00612832
33000	10	50	0.0796	98.5	35	00612833
39000	10	50	0.0796	140.0	32	00612834
47000	10	50	0.0796	160.0	30	00612835
50000	10	50	0.0796	170.0	29	00612836
56000	10	50	0.0796	250.0	28	00612837
68000	10	50	0.0796	282.0	25	00612838
82000	10	50	0.0796	312.0	23	00612839
100000	10	30	0.0252	380.0	20	00612840
120000	10	30	0.0252	430.0	18	00612841
150000	10	30	0.0252	520.0	16	00612842

Operating temperature range: -20°C to + 85°C. **Solderability as per J-STD-020F:** 235°C, 5 sec.
Resistance to soldering heat J-STD-020F: 260°C, 10 sec.

Pull-out force of the connecting wires:
DIN IEC 68-2-21 Ua1: ≥ 10N
 *1) @1kHz

Packaging:
 750 pcs/ Paper reel
Cardboard dimensions:
 335mm x 245mm x 60mm
 750 pcs/cardboard

Q value are typical values.
 Rated current is given for an ambient temperature of 40°C.
 Higher ambient temperatures require a reduction of the rated current.
 Halogen Free, RoHS and REACH Compliance

Application

- Decoupling of high and low frequency circuits
- Suppression of stray fields from/in adjacent circuits (EMI)
- Better performance at high frequencies
- Enables higher packing density when assembling printed circuit boards
- More stable inductance values
- Use in selective circuits such as high-pass or low-pass filters in telecommunications and video equipment