

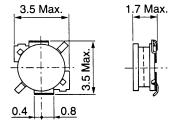
Surface Mount Inductors



TYPE D31FU

Frequency Range: 10kHz - 1MHz Inductance Range: 0.1 - 1.2mH





Recommended patterns:

3.3

0.5

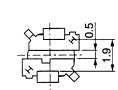
1.1

5.3

1/18

Solder Pad

No Paste



Unit: mm Tolerance : ±0.2

Solder Pad

3.3

No Paste

Unit: mm

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Features

- Low profile (1.7mm max. height) and 3.5mm square
- Ideal for IC inverter EL lamp driver applications
- Available on tape and reel for auto-insertion
- Suitable for reflow soldering

STANDARD PARTS SELECTION GUIDE

(1) Inductance is measured by LCR-meter 4284A (HP) or equivalent.(2) DC Resistance is measured by Digital Multimeter TR6871

- (2) DC Resistance is measured by Digital Multimeter 1 R6871 (Advantest) or equivalent.
- (3) Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).

TYPE D31FU

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TOKO Part Number	Inductance ⁽¹⁾ (mH) ±20%	DC $^{(2)}$ Resistance (Ω) max.	Inductance ⁽³⁾ Decrease Current (mA) max.	Temperature ⁽³⁾ Rise Current (mA) max.
888FU-101M=P3	0.1	4.8	168	161
888FU-121M=P3	0.12	6.0	152	148
888FU-151M=P3	0.15	7.1	138	137
888FU-181M=P3	0.18	9.0	121	121
888FU-221M=P3	0.22	10	115	107
888FU-271M=P3	0.27	14	100	97
888FU-331M=P3	0.33	16	92	90
888FU-391M=P3	0.39	18	85	86
888FU-471M=P3	0.47	26	78	68
888FU-561M=P3	0.56	30	72	68
888FU-681M=P3	0.68	34	66	62
888FU-821M=P3	0.82	46	58	52
888FU-102M=P3	1.0	53	54	50
888FU-122M=P3	1.2	60	50	47

Note: =P3 is added to each part number to indicate tape and reel packaging.

Relaxe read PRECAUTIONS and NOTES sections of this catalog for safe operation. This catalog contains consumer grade specifications only. Detailed technical specifications are available upon request.