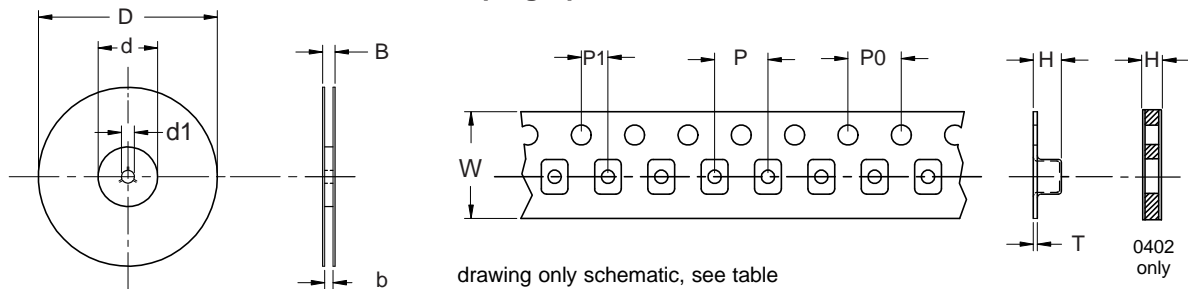


# SMD - Chip Inductors

## Technical Data


- |                           |   |
|---------------------------|---|
| 1. Rated Current:         | See graph   |
| 2. DC - Resistance:       | Measured at 25°C  |
| 3. Solderability:         | Max. 260°C, 10 seconds  |
| 4. Wire termination:      | Spot welded   |
| 5. Operation temperature: | IEC climatic category<br>55/125/56 (ceramic), 55/85/56 (ferrite)<br>DIN climatic category FKf<br>- 55°C to 125°C humidity category F (ceramic)<br>FPF- 55°C to 85°C humidity category F (ferrite) |
| 6. Resistance to solvent: | According to MIL - STD - 202E   |
| 7. Packing:               | 8mm blister tape (EIA-481)<br>on reel (Ø 180 mm)  |
| 8. L - Tolerance:         | See table   |
| 9. PAD - metallization:   | Ceramic: tungsten, nickel with gold-flash<br>Ferrite: silver, nickel with gold flash  |
| 10. Surface finishing:    | Epoxy moulded flat top for perfect component<br>centering and vacuum pickup   |
| 11. Solder pads:          | Recommended layout see next pages   |
| 12. Soldering methods:    | Wave soldering, reflow soldering, vapor phase soldering   |
| 13. Marking:              | See below   |

## Taping Specification



Series	D	d	d1	B	b	W	P	P0	P1	H	T
0402	180	60	13	12.7	8.4	8	2	4	2	0.8	—
0603	180	60	13	12.7	8.4	8	4	4	2	1.0	0.2
0805	180	60	13	12.7	8.4	8	4	4	2	1.86	0.3
1008	180	60	13	12.7	8.4	8	4	4	2	2.3	0.3
1206	180	60	13	12.7	8.4	8	4	4	2	2.5	0.2

Standard reel size is Ø 180 mm, reel Ø 330 mm on request

Marking	0805 / 1008 / 1206	0402 / 0603
Example:	0805 AS - 033M-01  L = 33nH	no marking