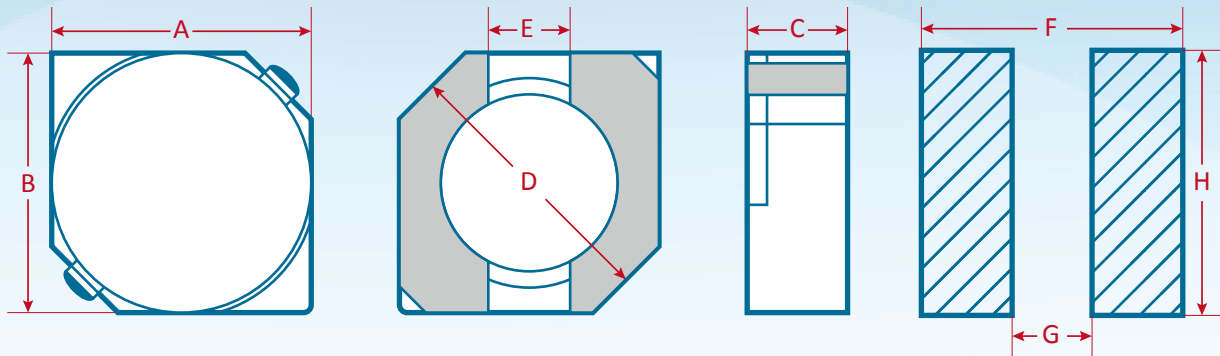


SPC2 Series

SMD Power Inductor

Shape and Dimensions(mm):



Item	A	B	C	D	E	F	G	H
SPC3D18	4.0 Max.	4.0 Max.	1.8 Max.	5.2	1.0 Ref.	4.1 Typ.	1.2 Typ.	4.1 Typ.

SPC3D18

Part No.	Inductance (uH)	Test Freq.	DCR(Ω) Max.	Idc(A) Max.	Tolerance ($\pm\%$)
SPC3D18NT1R0	1.0	100 KHz / 0.1V	0.04	1.6	30
SPC3D18NT2R2	2.2	100 KHz / 0.1V	0.072	1.2	30
SPC3D18NT3R3	3.3	100 KHz / 0.1V	0.085	1.1	30
SPC3D18NT4R7	4.7	100 KHz / 0.1V	0.105	0.9	30
SPC3D18NT6R8	6.8	100 KHz / 0.1V	0.17	0.73	30
SPC3D18MT100	10	100 KHz / 0.1V	0.21	0.55	20
SPC3D18NT120	12	100 KHz / 0.1V	0.275	0.5	30
SPC3D18NT150	15	100 KHz / 0.1V	0.295	0.45	30
SPC3D18NT220	22	100 KHz / 0.1V	0.43	0.4	30
SPC3D18NT270	27	100 KHz / 0.1V	0.557	0.38	30
SPC3D18NT330	33	100 KHz / 0.1V	0.675	0.32	30
SPC3D18NT470	47	100 KHz / 0.1V	0.9	0.27	30
SPC3D18NT560	56	100 KHz / 0.1V	1.33	0.22	30
SPC3D18NT680	68	100 KHz / 0.1V	1.8	0.14	30
SPC3D18NT101	100	100 KHz / 0.1V	2.6	0.16	30
SPC3D18NT221	220	100 KHz / 0.1V	4.77	0.13	30



Ordering information

SPC - 3D18 - N - T - 1R0

(1) (2) (3) (4) (5)

- (1) Type : Surface Mountable Type
- (2) Size : 3D is 4.0mm square and 18 is about 1.8mm height
- (3) Tolerance : M=20%, N=30%
- (4) Packaging style : Taping Reel
- (5) Inductance : 1R0 for 1.0uH, 100 for 10uH, 101 for 100uH...

Characteristics

- IDC $\Delta L/L(OA) \leq 35\%$
- Operating temperature : -40 to 125°C

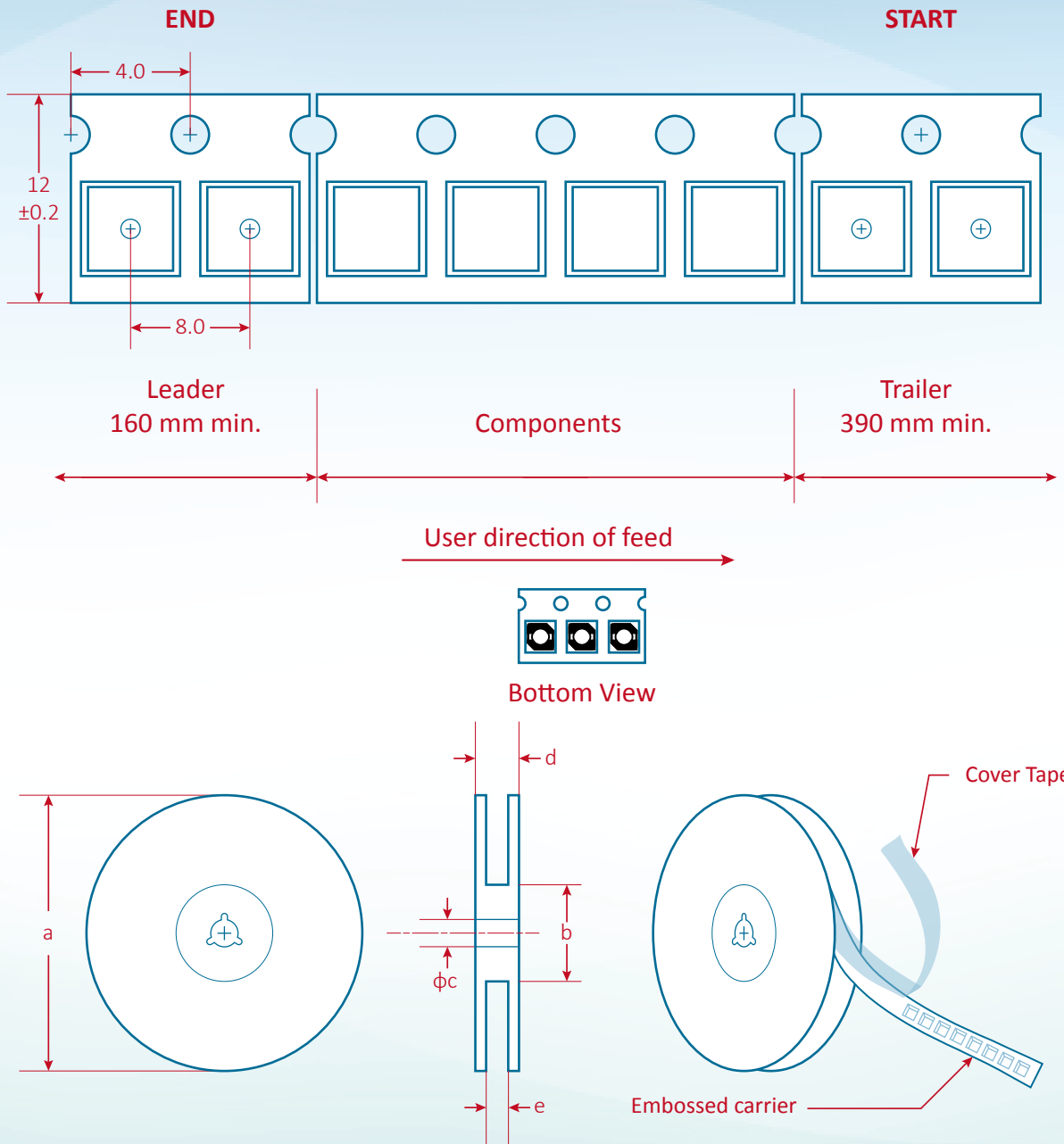
Test equipment

- L : TH2816A, TH2816B
- DCR : GOM-801H



Packing

Dimensions in mm



Item	a	b	φc	d	e
SPC3D18	330	100±1.0	13±0.2	17.1±2.0	12.5±0.1

Reel

Q'ty(Pcs)
3,500