

1. Features of L101377A Series :

- Miniature air core inductors feature high Q and tight tolerances.
- Low profile 3.15 mm max. height.
- Acrylic jacket provides a flat top for pick and place.
- Operating frequency of up to 100 MHz.
- Inductance Range: 17.5nH to 43.0 nH , custom values are welcomed.
- Operating Temperature Range: -40°C to + 125°C.
- T & R Qty's: 2000 pcs , 13" Reel with plastic tape 16mm wide and 8mm pocket spacing.
- RoHs & HF Compliant.

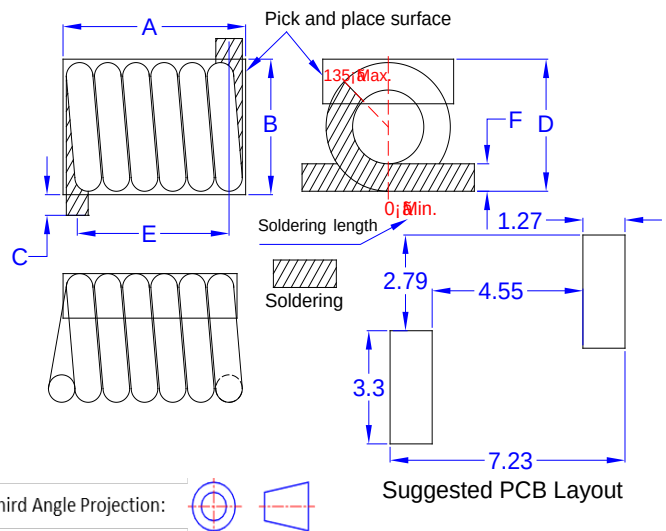


2. Electrical Characteristics of L101377A Series:

ITG Part Number	OCL ¹ (nH) ± 5%	Q Min.@150MHz	SRF (GHz) Min.	Irms (A) @25°C	DCR (mΩ) Max.@25°C	Turns
L101377A-06	17.50	100	2.20	4.00	4.50	6
L101377A-07	22.00	102	2.10	4.00	5.20	7
L101377A-08	28.00	105	1.80	4.00	6.00	8
L101377A-09	35.50	112	1.50	4.00	6.80	9
L101377A-10	43.00	106	1.20	4.00	7.90	10

3. Mechanical Dimension of L101377A Series (Unit:mm):

A	B	C	D	E	F
(Max.)	±0.40	±0.30	(Max.)	±0.40	(Max.)
6.86	2.80	0.70	3.15	5.80	0.74



Notes:

1>. Test condition: 150MHz 0.1V at 25°C.