

FEATURES:

- The SMD power inductors are offered in a wide variety of size and values
- All of the component Volume is used as winding or magnetic media
- The top surface is consistent and is ideal for pick and place surface mount equipment

YUAN DEAN SCIENTIFIC

SMT Power Inductor
SPI SERIES

Part Number

SPI	04	03	-	1R8	K	NL
A	B	C		D	E	F

A : Series

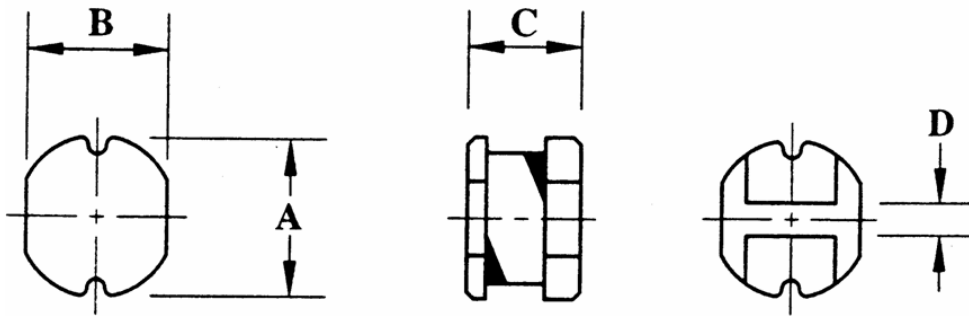
B : Outside Dia: mm

C : Body High: mm

D : Inductance (μ H)E : Tolerance: K= \pm 10% L= \pm 15% M= \pm 20%

F : RoHS Version

Mechanicals and Dimensions



TYPE	A	B	C	D
SPI0403	4.5±0.3	4.0±0.3	3.2±0.3	1.2 TYPE
SPI0504	5.8±0.3	5.2±0.3	4.5±0.4	1.3 TYPE
SPI0703	7.8±0.3	7.0±0.3	3.5±0.5	2.1 TYPE
SPI0705	7.8±0.3	7.0±0.3	5.0±0.5	2.1 TYPE
SPI1004	10±0.3	9.0±0.3	4.2±0.5	2.1 TYPE
SPI1054	10±0.4	9.0±0.4	5.4±0.4	2.1 TYPE

Dimensions: inches/mm

Unless otherwise specified, all tolerances are ±0.25

Schematics

