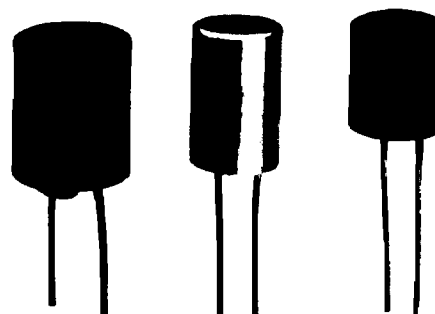


FERRITE SHIELDED INDUCTORS

FS TYPE

The FS series are available in FS1014 and FS1416 sizes. They are small and light weight in design. Its vertical structure provides easy mounting. Due to the shielding, RF interference is minimized. The small distributed capacitance of these devices results in high self resonant frequency. It offers good humidity resistance and high dielectric isolation. It also offers high Q factor at the frequency of operation.



ORDERING INFORMATION

(Customer's Specifications are welcomed)

FS 10 14 - 122 K

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

- (1) Type
- (2) Outside diameter (mm)
- (3) Length (mm)
- (4) Inductance value (1.2mH)
- (5) Inductance tolerance ($\pm 10\%$)

APPLICATIONS

Video cameras, Portable VCRs, Audio equipments,
TV tuners, Mobile telephones, etc.

CHARACTERISTICS

Style.....Radial lead type
Temperature rise20°C
Ambient temperature60°C
Rated temperature range-20°C to +80°C
Dielectric breakdown voltage.....250 V_{rms}
Rated current.....Based on
inductance variation and temperature rise
Terminal tensile strength.....2.5kg min.
Terminal bending strength.....0.5kg min.
Moisture resistance characteristic
..... $\Delta L/L \leq \pm 5\%$, $\Delta Q/Q \leq \pm 10\%$

FERRITE SHIELDED INDUCTORS

FS14 TYPE

PART NO.	INDUCTANCE (mH) at 1 KHz	DC RESISTANCE (Ω) MAX.
FS1014-102K	1.0 + 10%	1.6
FS1014-122K	1.2 + 10%	1.9
FS1014-152K	1.5 + 10%	2.4
FS1014-182K	1.8 + 10%	2.7
FS1014-222K	2.2 + 10%	3.2
FS1014-272K	2.7 + 10%	4.5
FS1014-332K	3.3 + 10%	5.0
FS1014-392K	3.9 + 10%	5.7
FS1014-472K	4.7 + 10%	6.4
FS1014-562K	5.6 + 10%	9.0
FS1014-682K	6.8 + 10%	11.0
FS1014-822K	8.2 + 10%	12.0
FS1014-103K	10 + 10%	15.5
FS1014-123K	12 + 10%	18.3
FS1014-153K	15 + 10%	25.0
FS1014-183K	18 + 10%	28.0
FS1014-223K	22 + 10%	32.0
FS1014-273K	27 + 10%	45.0
FS1014-333K	33 + 10%	52.0
FS1014-393K	39 + 10%	71.0
FS1014-473K	47 + 10%	80.0
FS1014-563K	56 + 10%	91.0
FS1014-683K	68 + 10%	93.0
FS1014-823K	82 + 10%	104.0
FS1014-104K	100 + 10%	125.0
FS1014-124K	120 + 10%	138.0

FS1416 TYPE

Part No.	Inductance (mH) at 1 KHz	DC resistance (Ω) Max.
FS1416-154K	150 + 10%	151.0
FS1416-184K	180 + 10%	173.0
FS1416-224K	220 + 10%	188.0
FS1416-274K	270 + 10%	195.0
FS1416-334K	330 + 10%	200.0
FS1416-394K	390 + 10%	215.0
FS1416-474K	470 + 10%	230.0
FS1416-564K	560 + 10%	245.0
FS1416-684K	680 + 10%	270.0
FS1416-824K	820 + 10%	300.0
FS1416-105K	1000 + 10%	390.0
FS1416-125K	1200 + 10%	530.0
FS1416-155K	1500 + 10%	570.0