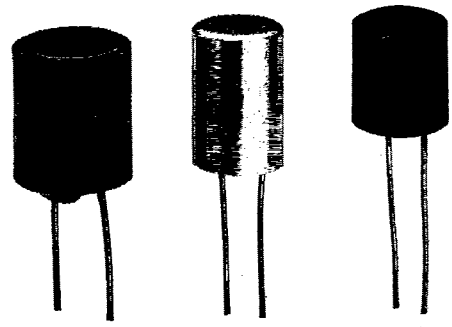
FERRITE SHIELDED INDUCTORS (FS TYPE)

FS1012, FS 1416, TYPE

FEATURES

1) Vertical, small, lightweight design.
2) Vertical structure simplifies mounting.
3) Inductive interference rare.
4) Excellent Q frequency characteristics.
5) Small distributed capacity contributes to high self-resonant frequency.
6) Excellent humidity resistance.
7) High dielectric strength and insulation resistance.



ORDERING INFORMATION

FS 10 12—122 K
(1) (2) (3) (4) (5)

(1) Type
(2) Outside diameter (mm)
(3) Length (mm)
(4) Inductance value (1.2mH)
(5) Inductance tolerance (±10%)

APPLICATIONS

Video cameras, Portable VCRs, Audio equipments, TV tunners, Mobile telephones

CHARACTERISTICS

Style ..... Radial lead type
Temperature rise ..... 20°C
Ambient temperature ..... 60°C

Rated temperature range ..... −20°C to +80°C
Dielectric withstanding voltage ..... 250V.r.m.s.
Rated current.....Based on the inductance variation and temperature rise.
Terminal tensile strength...FS0810 type 1.0kg min.
FS1012 type 2.5kg min.
Terminal bending strength ..... 0.5kg min.
Moisture resistance characteristic ..
... $\triangle L/L \leqslant \pm 5\%$, $\triangle Q/Q \leqslant \pm 10\%$

FERRITE SHIELDED INDUCTORS

FS1012 TYPE

Part No.	Inductance (mH) at 1 KHz	DC resistance (Ω) Max.
FS1012-102K	1.0+10%	1.6
FS1012-122K	1.2+10%	1.9
FS1012-152K	1.5+10%	2.4
FS1012-182K	1.8+10%	2.7
FS1012-222K	2.2+10%	3.2
FS1012-272K	2.7+10%	4.5
FS1012-332K	3.3+10%	5.0
FS1012-392K	3.9+10%	5.7
FS1012-472K	4.7+10%	6.4
FS1012-562K	5.6+10%	9.0
FS1012-682K	6.8+10%	11.0
FS1012-822K	8.2+10%	12.0
FS1012-103K	10+10%	15.5
FS1012-123K	12+10%	18.3
FS1012-153K	15+10%	25.0
FS1012-183K	18+10%	28.0
FS1012-223K	22+10%	32.0
FS1012-273K	27+10%	45.0
FS1012-333K	33+10%	52.0
FS1012-393K	39+10%	71.0
FS1012-473K	47+10%	80.0
FS1012-563K	56+10%	91.0
FS1012-683K	68+10%	93.0
FS1012-823K	82+10%	104.0
FS1012-104K	100+10%	125.0
FS1012-124K	120+10%	138.0

FS 1416 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