

THROUGH-HOLE AXIAL CONFORMAL COATED INDUCTORS FALGA0510 SERIES



FEATURES:

Magnetic Core
Wire-wound construction
Heat resistant epoxy resin
High reliability- Ideal for automatic insertion
Small size、Low Cost

OPTIONS:

Packaging: Tape & Reel is Standard
(Qty: 5000 pcs)
Bulk packaging available for smaller quantities
Tolerance:10% is standard
tighter tolerances available.

COMMON APPLICATIONS:

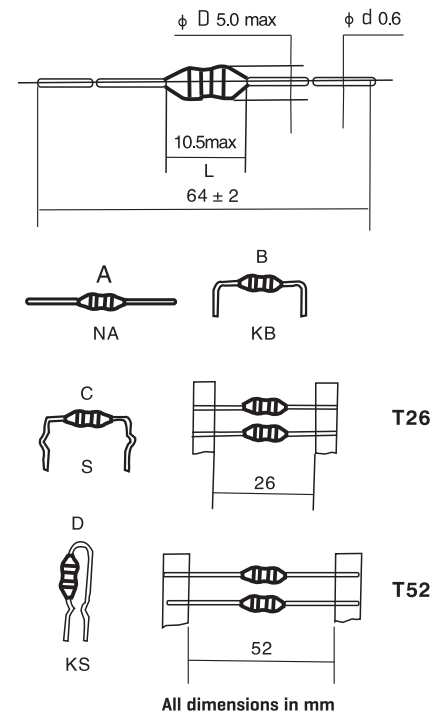
VCRs
Automotive Systems
Computer Peripheral Equipment
Televisions
Electronic Games
Mobile Communications Equipment
General Electronic Applications

STANDARD SPECIFICATIONS

Part Number	L [μ H]	Tol \pm %	Q min	L Test Freq [MHz]	S.R.F [MHz]	RDC (Ω) Max	IDC [mA]
FALGA0510-471K	470	10	60	0.796	1.9	7.70	126
FALGA0510-561K	560	10	50	0.796	1.8	8.50	120
FALGA0510-681K	680	10	55	0.796	1.5	9.00	113
FALGA0510-821K	820	10	45	0.796	1.2	10.5	105
FALGA0510-102K	1000	10	45	0.796	1.0	14.0	100
FALGA0510-122K	1200	10	40	0.252	0.95	16.9	95
FALGA0510-152K	1500	10	40	0.252	0.90	21.6	90
FALGA0510-182K	1800	10	40	0.252	0.85	24.0	85
FALGA0510-222K	2200	10	40	0.252	0.80	34.7	80
FALGA0510-272K	2700	10	40	0.252	0.75	40.0	75
FALGA0510-332K	3300	10	40	0.252	0.70	59.5	62
FALGA0510-392K	3900	10	40	0.252	0.65	66.0	59
FALGA0510-472K	4700	10	40	0.252	0.60	74.0	55
FALGA0510-562K	5600	10	30	0.252	0.50	80.0	40
FALGA0510-682K	6800	10	30	0.252	0.45	85.0	35
FALGA0510-822K	8200	10	30	0.252	0.40	95.0	30
FALGA0510-103K	10000	10	20	0.252	0.35	105.0	25

Note:1. K= \pm 10%,M= \pm 20%

PHYSICAL CHARACTERISTICS



All dimensions in mm

TECHNICAL INFORMATION

1- Ordering Cod

LGA 04 10 KB - 101 K T52
[1] [2] [3] [4] [5] [6] [7]

- [1] Type
[2] Outside
[3] Body Length
[4] Formed Type
[5] Nominal Inductance
[6] Inductance Tolerance
[7] Tape Type

Testing:[Equivalent acceptable

Inductance-Hp 4285A

RDC:QuadTech 1880 Milliohm meter

Q-HP 4342A

SRF-HP 4191A

IDC Max:The maximum DC value having inductance decrease within 10% and temperature increase within 20°C by the application of DC Bias

Operating temperature:-25°C to +105°C

Storage temperature:-40°C to +85°C

Solderability:Temperature @ 230°C \pm 5°C for 2 seconds

Marking:EIA 4 band color code

Note: All specifications subject to change without notice.