

# THROUGH-HOLE AXIAL CONFORMAL COATED INDUCTORS FALGA0612 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:

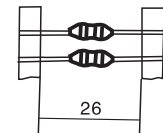
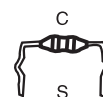
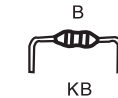
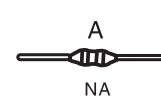
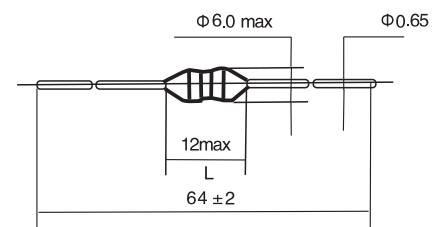
VCRs  
Automotive Systems  
Computer Peripheral Equipment  
Televisions  
Electronic Games  
Mobile Communications Equipment  
General Electronic Applications

## STANDARD SPECIFICATIONS

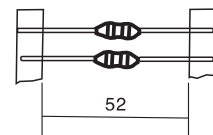
Part Number	L [μH]	Tol ±%	Q min	L Test Freq [MHz]	S.R.F [MHz]	RDC (Ω) Max	IDC [mA]
FALGA0612-471K	470	10	50	0.796	2.00	1.90	340
FALGA0612-561K	560	10	50	0.796	1.7	2.05	310
FALGA0612-681K	680	10	50	0.796	1.6	2.30	280
FALGA0612-821K	820	10	50	0.796	1.3	2.94	260
FALGA0612-102K	1000	10	50	0.796	1.0	3.85	230
FALGA0612-122K	1200	10	50	0.252	0.90	5.70	210
FALGA0612-152K	1500	10	50	0.252	0.80	6.75	200
FALGA0612-182K	1800	10	50	0.252	0.70	7.55	160
FALGA0612-222K	2200	10	50	0.252	0.65	8.74	130
FALGA0612-272K	2700	10	50	0.252	0.60	11.4	90
FALGA0612-332K	3300	10	50	0.252	0.58	13.1	86
FALGA0612-392K	3900	10	50	0.252	0.55	17.4	82
FALGA0612-472K	4700	10	50	0.252	0.50	24.8	80
FALGA0612-562K	5600	10	50	0.252	0.45	26.8	76
FALGA0612-682K	6800	10	50	0.252	0.41	31.6	72
FALGA0612-822K	8200	10	40	0.252	0.35	40.8	70
FALGA0612-103K	10000	10	40	0.252	0.30	45.3	60

Note: 1. K=±10%, M=±20%

## PHYSICAL CHARACTERISTICS



T26



T52

All dimensions in mm

## TECHNICAL INFORMATION

1. Ordering Cod  
FALGA 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 Milliohmmeter

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 ±5°C for 2 seconds

Marking: EIA 4 band color code

Note: All specifications subject to change without notice.