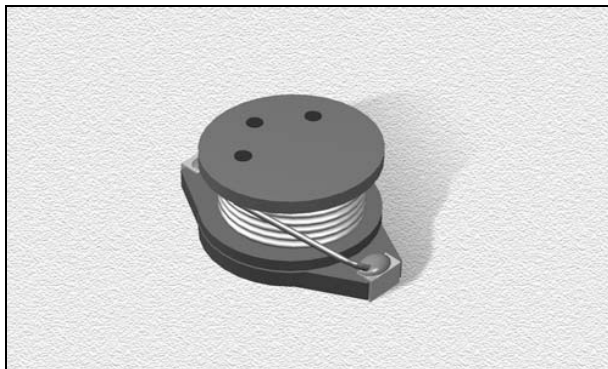


Power Inductors – Unshielded

ginvanix.com

GVDO5022 Series

From 1.0 μH to 1,000 μH



SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.
GVDO5022PE Please specify "F" for RoHS compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR (Ω)	Isat (A)	Irms (A)
GVDO5022P_-102	1.0	100	.01	20	8.6
GVDO5022P_-222	2.2	100	.01	16	7.1
GVDO5022P_-332	3.3	100	.01	14	6.2
GVDO5022P_-562	5.6	100	.02	12	5.3
GVDO5022P_-103	10	100	.03	10	4.3
GVDO5022P_-153	15	100	.03	8.0	4.0
GVDO5022P_-223	22	100	.05	7.0	3.5
GVDO5022P_-333	33	100	.06	5.5	3.0
GVDO5022P_-473	47	100	.09	4.5	2.6
GVDO5022P_-683	68	100	.13	3.5	2.3
GVDO5022P_-104	100	100	.19	3.0	1.8
GVDO5022P_-154	150	100	.25	2.6	1.5
GVDO5022P_-224	220	100	.38	2.4	1.2
GVDO5022P_-334	330	100	.56	1.9	1.0
GVDO5022P_-474	470	100	.85	1.4	.82
GVDO5022P_-684	680	100	1.2	1.2	.72
GVDO5022P_-105	1000	100	1.8	1.0	.56

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E	F
mm	18.54	15.24	7.11	2.54	2.54	12.7
inches	0.73	0.6	0.28	0.1	0.1	0.5

CHARACTERISTICS

Description: SMD power inductor

Applications: DC/DC converters, computers, LCD displays, telecommunication equipment and PDA palm tops. Designed for the higher current requirements of portable computers

Operating Temperature: -40°C to $+85^{\circ}\text{C}$

Inductance Tolerance: $\pm 20\%$

Inductance Drop: 10% typically at Isat

Testing: Inductance is tested on an HP4285A at 100 kHz

Packaging: Tape & Reel

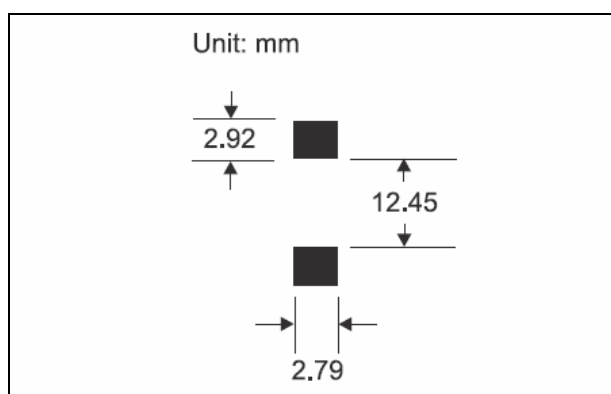
Marking: Color dots OR Inductance code

Miscellaneous: RoHS Compliant available

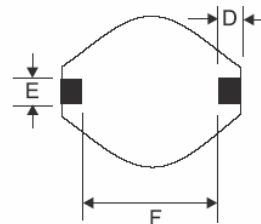
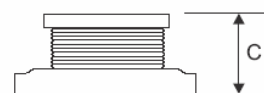
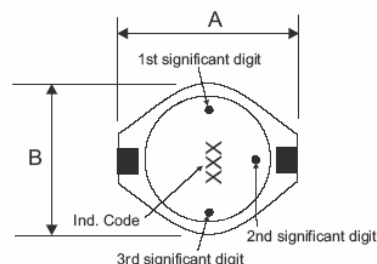
Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



Parts will be marked with
Significant Digit Dots OR Inductance Code



Ginvanix Electronics Corp.

180, Minsheng St., 303, Hukou, Hsinchu, Taiwan
Tel: +886-3-5999899; Fax: +886-3-5901484; info@ginvanix.com