

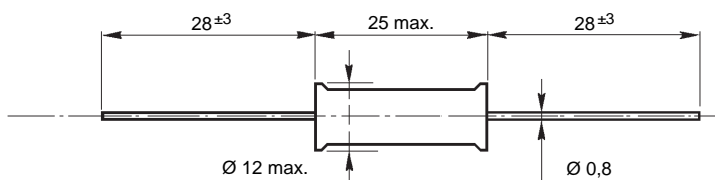


IG120

current chokes

- axial leads
- noise suppression applications

These inductors have copper winding on a bobbin with axial leads terminals. Protection by polyolefin sleeve flame retardant. Cylindrical shape allows automatic cabling machines use. This inductor series is especially designed for power supplies filtering.



Dimensions in mm

SPECIFICATIONS

MECHANICAL

COATING... thermo sleeve
on request UL version
TERMINALS... tinned copper
WEIGHT... 8 g

ELECTRICAL

INDUCTANCE RANGE... 3,9 μ H to 100000 μ H
TOLERANCE... $\pm 20\%$
MAXIMUM VOLTAGE... 500 V RMS
CONDITIONS DE MESURE... U = 100 mV RMS

ENVIRONMENTAL

OPERATING TEMPERATURE
RANGE... + 70°C
TEMPERATURE LIMITS... -55°C +125°C

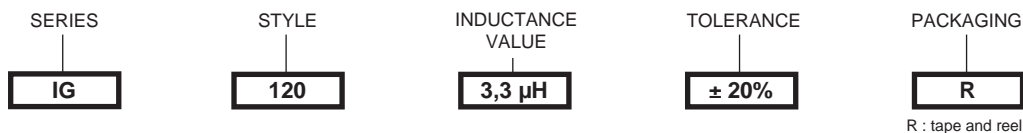
MARKING

Printed in clear : manufacturer, series and style, inductance value, date code.

PACKAGING

500 pieces tape and reel.

ORDERING PROCEDURE



IG120 INDUCTORS - STANDARD VALUES

Table 1

Inductance value μH I _{dc} = 0	Tolerance %	Test frequency	DCR max. Ω	I max. A
3,9	± 20%	1 kHz	0,007	4
4,7			0,008	
5,6			0,011	
6,8			0,011	
8,2			0,013	
10			0,016	
12			0,018	
15			0,020	
18			0,022	
22			0,024	
27			0,025	
33			0,028	▼
39			0,031	4
47			0,034	3,2
56			0,043	2,5
68			0,059	2
82			0,066	1,8
100			0,084	1,6
120			0,113	
150			0,129	
180			0,150	
220			0,162	
270			0,226	
330			0,257	▼
390			0,288	1,6
470			0,393	1,2
560			0,504	1
680			0,570	1
820			0,643	0,8
1000			0,844	0,8
1200			0,977	0,8
1500			1,18	0,6
1800			1,50	0,6
2200			1,76	0,5
2700			2,13	0,4
3300			2,53	0,4
3900			2,84	0,4
4700			3,79	0,4
5600			4,24	0,32
6800			5,75	0,25
8200			6,44	0,25
10000			7,30	0,25
12000			9,34	0,2
15000			10,7	0,2
18000			14,8	0,16
22000			18	0,13
27000			22,7	0,13
33000			25,7	0,13
39000			29,7	0,1
47000			33,7	0,1
56000			38	0,1
68000			52,8	0,08
82000	▼	▼	67,3	0,07
100000	± 20%	1 kHz	76	0,07



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