



CORE DIMENSIONS

46T0122-21P

UNCOATED CORE

	MM	INCHES		MM	INCHES
OD	3.05	(.120)	±	.13	(.005)
ID	1.65	(.065)	±	.13	(.005)
TH	2.06	(.081)	±	.13	(.005)

SINGLE PARAYLENE

	MM	INCHES		MM	INCHES
OD	3.10	(.122)	±	.20	(.008)
ID	1.65	(.065)	±	.20	(.008)
TH	2.06	(.081)	±	.20	(.008)

WEIGHT / K 0.0509 KGS .1122 LBS
 INITIAL PERMEABILITY 4000

ELECTRICAL SPECIFICATION

	MIN. TOL.	MIN. (μH)	NOM. (μH)	MAX. (μH)	MAX. TOL.	FREQ. (kHz)	VOLT. (mV)	GAUSS	TURNS
L Ref.	-25.0%	0.75	1.000			100	100	10	1
Q Ref.		30				100	100	10	1

COATING SPECIFICATIONS

TYPE	Max. Coating (mm / mils.)	Min. DLB VAC	TEST FORCE (LB)
Paraylene	(0.0127 / 0.5)	1000	.08

NOTES:

1. DC BIAS REQUIREMENT: 100KHz, 38AWG;

Turns:	22	11
Voltage (mV):	100	50
DC Bias (mA):	8.0	16.0
Min. L (μH): (0 °C to 70 °C)	350	87.5
Min. L (μH): (25 °C)	380	95.0

2. VOLT of L-1T is the setting of the equipment.

3. Tyco P/N: MG920-00745 Rev.: A



Rev	Description	Date	INT
A	Original Draft	2010/3/17	Jcai
B	Updated Logo	2016/8/9	Jcai

Date: 2016/8/9	DWG # 46T0122-21P-B	Rev:
Drawn By: Jcai	Title # 46T0122-21P	B

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