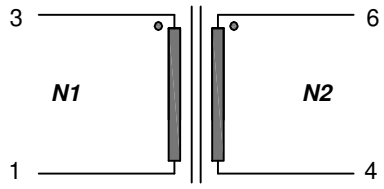
EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Data Sheet

Product Type	Transformer
GT Part Number	SV1-505A
Customer Part Number	-
Customer	-
Place of Manufacture	GT Electronic India

SCHEMATIC:



ELECTRICAL SPECIFICATION:

Core	= Steel Lamination
Core Size	= EI-19/15.7/2
Steel Type	= M 330-35A
Turns Ratio	= 1 : 10
Frequency Range	= 50Hz to 10kHz

MATERIAL SPECIFICATIONS:

Item no.	*Item Description*	*Insulating Material*	*Material Designation*	*Manufacturer*	*UL Number*
1	Round Enamelled Copper Wire	BC-Polyester, OC-Polyamide (or) Polyurethane modified	Polysol P155/ Polysol-180	Elektrisola	E143312/ E331840
			V 155,V180	Synflex	E335481
			Preci-9/ Preci-10	Precision	E174288
2	Silicon Sleeve	Silicon Elastomer	Technoflex-SR700	Techno Polymer	UL as per E254189
3	Bobbin	Polyamide 66 (PA66), glass reinforced	70G33L	E I DUPOND	E41938
4	Case	Polyamide 66 (PA66), glass reinforced	70G33L	E I DUPOND	E41938
5	Potting Compound	Polyurethane (PUR)	Tedistac D45003 / Isostac D45003	Dow France SAS	E130092

TESTING DETAILS:

Test condition @ 50Hz:
Input voltage (N1) = 10V (9.9 to 10.1)V
No load current = 8mA to 9mA Maximum
Output voltage Uo = 1.0V (0.88 to 1.02)V

DC Resistance:
N1 = 4.6 Ω typ.
N2 = 340.0 Ω typ.

Inductance:
@ 50 Hz/1V / @ 1 kHz/1V
N1 = 34 mH / = 22 mH typ.
N2 = 3,30 H / = 1,78 H typ.

HV testing :
N1 -> N2 = 4KVac/2Sec/50Hz

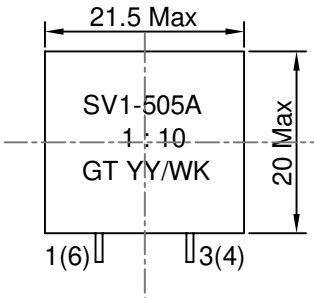
MARKING INFORMATION:

(Pin side 1-3)

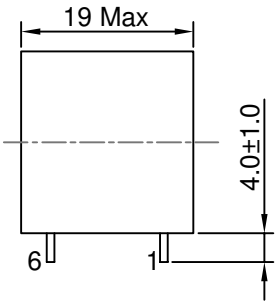
SV1-505A
1 : 10
GT YY/WK

MECHANICAL SPECIFICATION:

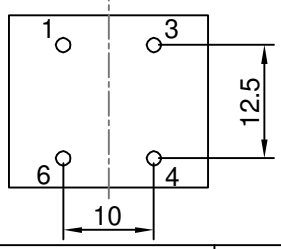
Front View:



Side View:



Bottom View: (Pin Side View)



Remark :
► Loaded Pins 1, 3, 4, 6

Inductance value included	1	1	R.Kamal Priyanath	05-Dec.-2014
----------Issued----------	1	0	Pradesh.P	10-Oct.-2014
Changes	Issue	Rev	Initial	Date