

SHEP SERIES TELECOM TRANSFORMERS

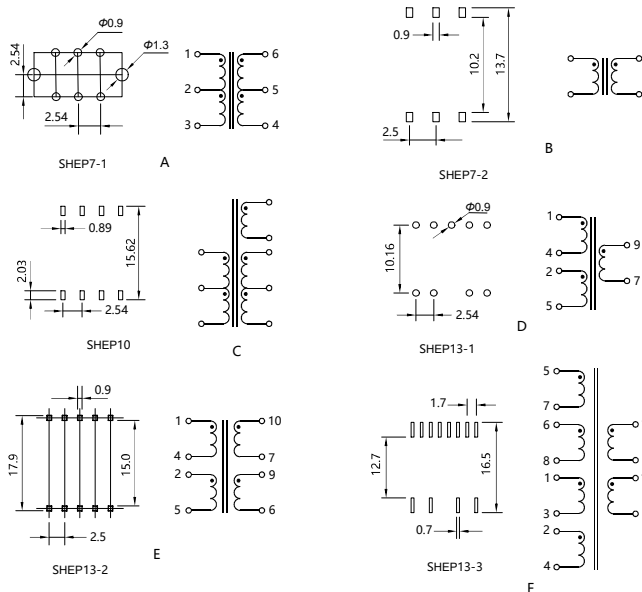


Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.



STANDARD SPECIFICATIONS:

Part No.	Inductance (10kHz/0.1V Typ)	Cs (max)	Turn Ratio	DCR(Ωmax)	THD (max)	Hi-pot (Pri-Sec)	Schematic
SHEP7-1	2.0mH min (1-3)	27pF (pri-sec)	1.66:1(1-3:6-4)	0.8:0.7(1-3:6-4)		1250VAC	A
SHEP7-2	530 μH±6% (6-4)	27pF (pri-sec)	1:1(1-3:6-4)	2.1:2.1(1-3:6-4)	-54dB	1250VAC	B
SHEP10	1.75mH min (8-2)	100pF (pri-sec)	1:0.653:0.184 (8-2:6-7:3-5)	0.9:0.58:0.09 (8-2:6-7:3-5)		500VDC	C
SHEP13-1	2.0mH±10% (1-5 tie 2, 4)		4 : 1 (1-5:9-7 tie 2,4)	1.25:1.25:1.0 (1-4:2-5:9-7)	-72dB	2050VAC	D
SHEP13-2	410 μH±6% (1-5 tie 2, 4)		2 : 1 (1-5:10-6 tie 2+4,7+9)	0.48:0.23 (1-4:10-7)	-72dB	1875VAC	E
SHEP13-3	400 μH ±6% (16-9 tie 11,14)	21pF (pri-sec)	4.25 : 1 (16-9:5-8 tie 11+14,7+6)	0.49:0.28:0.96 (14-9:5-7:1-3)	-68dB	1875VAC	F

FEATURES:

- Low inFATERwind capacitance
- Low total harmonic distortion(THD)
- Compact size and Surface-mounted
- Designed to meet UL, CSA, VDE, BABT safety standard
- Tape and reel is standard
- Bulk packaging available for all quantities
- Custom design available
- Tolerance: 5% is standard,
- Tighter tolerance available
- Modem
- Fax machine, Hub
- ISDN, ADSL, HDSL, PABX
- Other telecommunication facilities etc
- Switching power supplies
- AC-DC, DC-DC converters

ALL DIMENSIONS IN MM

Part No.	SHEP7-1	SHEP7-2	SHEP10	SHEP13-1	SHEP13-2	SHEP13-3
A	10.5max	13.5max	24.4max	14.2max	13.6max	14.0max
B	10.5max	13.5max	23.5max	14.2max	17.9max	16.4max
C	11.0max	11.5max	11.6max	13.0max	12.4max	12.6max

