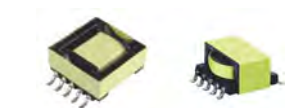
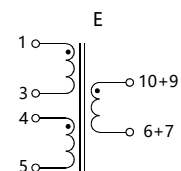
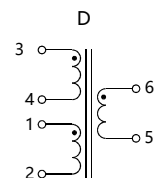
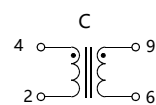
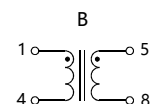
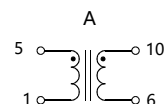
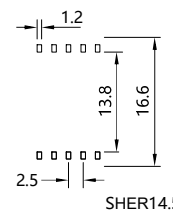
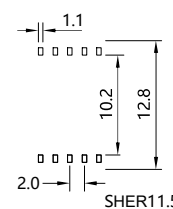
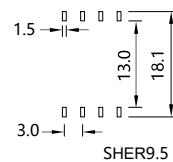
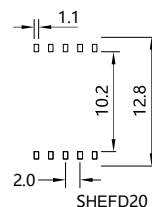
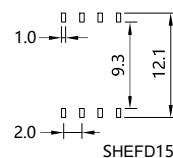
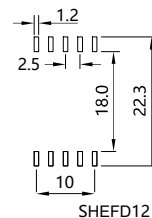


# SHEFD & ER SERIES SURFACE MOUNT TELECOM TRANSFORMERS

## FEATURES:

- High inductance.
- Low leakage inductance
- Low interwind capacitance
- 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
- SMD EFD 25/30 available
- Modem
- Fax machine, Hub
- ISDN, ADSL, HDSL, PABX
- Other telecommunication facilities etc
- Switching power supplies
- AC-DC, DC-DC converters



### Additional information:

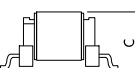
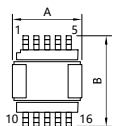
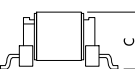
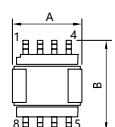
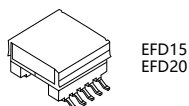
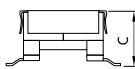
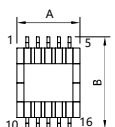
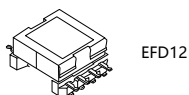
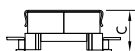
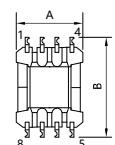
We reserve the right to make technical changes or modify the contents of this document without prior notice.

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)	Turn Ratio	DCR(Qmax)	Hi-pot (Pri-Sec)	Schematic
SHEFD12	27 $\mu$ H $\pm$ 10%(3-4)	0.74:1.0:71(3-4:1-2:6-5)	0.21:1.15:0.35(3-4:1-2:6-5)	1250VAC	D
SHEFD15	4.0mH $\pm$ 6%(1-5=10-6)	1:1(1-5:10-6)	6.25:6.25(1-5:10-6)	1000VDC	A
SHEFD20	20mH $\pm$ 6%(1-5 tie 10+6)	1:1(1-5:10-6)	5.55.5(1-5:10-6)	1000VDC	A
SHER9,5	200 $\mu$ H Typ.(1-4)	1:1(1-4:5-8)	0.12:0.132(1-4:5-8)	1000VDC	B
SHER11,5	58 $\mu$ H $\pm$ 10%(4-2)	1.2(4-2:9-6)	0.35:1.75(4-2:9-6)	500VAC	C
SHER14,5	14.4 $\mu$ H $\pm$ 10%(1-3)	1:1:1(1-3:4-5:10-6)	0.063:0.28:0.066(1-3:4-5:10+9-6+7)	500AC	E



ALL DIMENSIONS IN MM

Part No.	SHEFD12	SHEFD15	SHEFD20	SHER9,5	SHER11,5	SHER14,5
A	14.0max	16.5max	22.0max	10.5max	12.2max	15.2max
B	21.5max	22.3max	26.0max	12.1max	12.7max	16.5max
C	7.4max	8.6max	11.4max	6.2max	6.5max	7.2max