

## ISDN transformers DNT700B series (SMD type)



### Features

- Conforms to ITU-T I.430 standard
- Compact, light, easy surface mounting
- Automated mounting and reflow soldering
- High impedance and low loss
- Models (DNT733 and DNT734) capable of withstanding a 2KV voltage available.
- The products contain no lead and also support lead-free soldering.

### Application

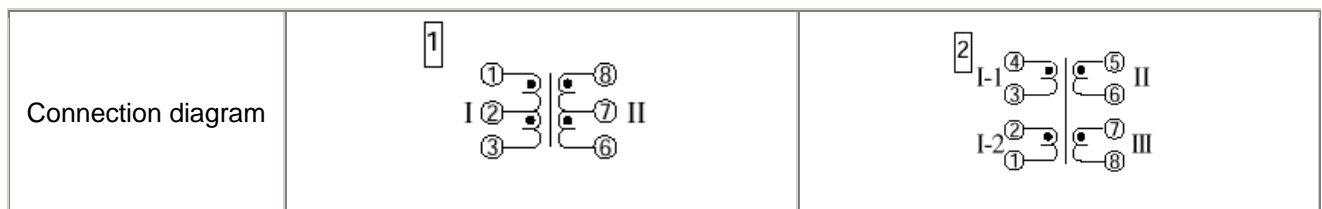
- Switchboards (PBX)
- Network terminal units (DSU, OCU)
- Terminal adapters (TA)
- ISDN terminals (G4 faxes, ISDN phones, etc.)

### Electrical characteristics

Model No.	Complying interface	Winding ratio Primary: secondary	Primary inductance	Primary leakage inductance	Primary distribution capacity	DC resistance		Insulation withstand voltage	Connection diagram
						Primary	Secondary		
DNT733B	Basic interface	1:2	22mH min.	15mH max.	150pF max.	6W max.	12W max.	AC2KV, 1 min.	Fig.1
DNT734B		1:1	22mH min.	10mH max.	150pF max.	6W max.	7W max.	AC2KV, 1 min.	Fig.1
EE10 ST018B	U I/F (*)	1:0.5:1	15mH min.	8mH max.	50pF max.	3W max.	4W max.	AC500V, 1 min.	Fig.2

(\*) The specifications of UI/F transformers vary according to the types of LSIs used.

Model No.	Complying LSI	
DNT733B	Fujitsu	MB86405(transmission)
	YAMAHA	YTD410/YTD421B/ YTD428/YTD436/YTD439
	NEC	mPD98201(transmission)/mPD98205(transmission)
	AMD	Am79C30
	Siemens	PEB2080/PEB2085
	NS	TP3420
	Toshiba	TA32031F/TA32032F
DNT734B	NEC	mPD98201(receiving)/mPD98205(receiving)
	Motorola	MC145474/MC145475
EE10ST018B	YAMAHA	YTD428



### Shapes and dimensions

