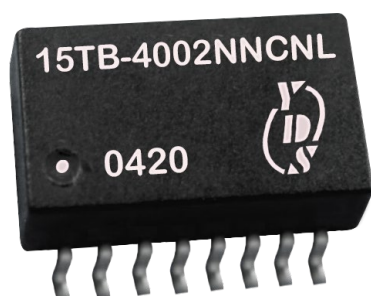


FEATURES:

- Dual SMT package contains both transmit and receive transformers
- Operating temperature of -40°C to +85°C
- Models matched to leading transceiver ICs
- Return loss meets requirements of G.703
- Recognized by UL 60950-1



YUAN DEAN SCIENTIFIC



T3/DS3/E3/STS-1

Transformers

15TB-Dual SERIES

Dual SMT

Extended Temperature Range



Electrical Specifications@25°C-Operating Temperature -40°C to +85°C

Part Number	Turns Ratio (±2%)		OCL Primary (mH Min)		LL (uH Max)		Cw/w (pF Max)		HI POT Vrms	Package/Schematic	Primary Pins	
	TX	RX	TX	RX	TX	RX	TX	RX			TX	RX
15TB-4002NNCNL	1:2CT	1:1	40	100	.120	.120	10	10	1500	N/N	16-14	6-8
15TB-4003NPCNL	1:2CT	1:2CT	40	40	.100	.100	10	10	1500	N/P	16-14	11-9
15TB-4003NGCNL	1:1	1:1	40	40	.110	.110	10	10	1500	N/G	1-2	7-8
15TB-1014NOCNL	1CT:1CT	1:1	100	100	.120	.120	10	10	1500	N/O	6-8	16-15
15TB-1012NICNL	1:2CT	1:1	100	100	.120	.120	10	10	1500	N/I	7-8	16-15

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TEL: 886-6-3842899 FAX: 886-6-3843288

E-MAIL: ydsweb@yds.com.tw

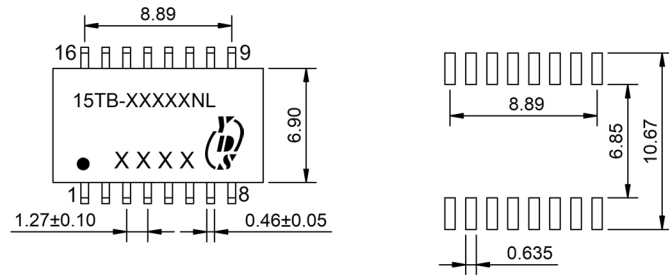
Rev: 0 2018/11/13

Part Number

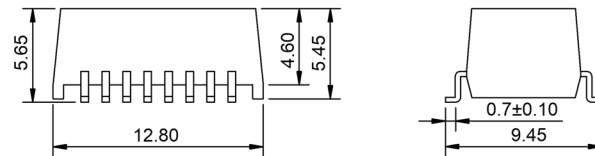
15TB	-	400	2	N	N	C	NL
A		B	C	D	E	F	G

- A : Series
- B : Inductance
- C : Sequence id
- D : Appearance
- E : Schematic
- F : Operating Temperature
- G : RoHS Version

Mechanicals and Dimensions



SUGGESTED PAD LAYOUT



Schematics

