

ISDN MAGNETICS

Dual S Interface Transformers



TM00200

- Meet requirements for pulse template and impedance template according to ITU-T (CCITT I.430)
- UL and CSA approved
- Minimum interwinding breakdown voltage of 1500 Vrms
- Operating temperature range 0° C to 85° C
- Qualified per Bellcore TR-TSY-000357-1

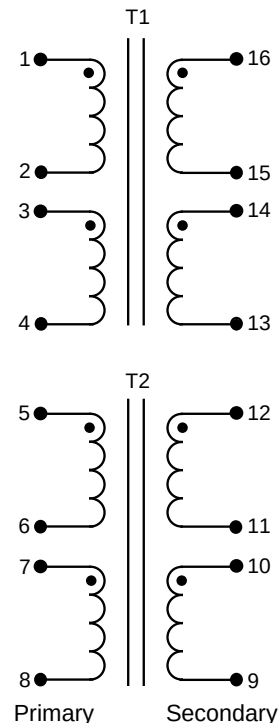
ELECTRICAL SPECIFICATIONS at 25° C

Part Number	Turns Ratio ± 2%	Primary Inductance mH min	Leakage Inductance μH max	DCR Ω max		Interwinding Capacitance pF max	Distributed Parallel Capacitance pF max
				Pri	Sec		
2798A	1.0 : 2.5	22.0	5.0	3.5	7.5	100	100
2798B	1.0 : 2.0	22.0	5.0	3.5	6.0	100	100
2798C	1.0 : 2.0	22.0	3.75	2.25	4.45	100	80
2798D	1.0 : 2.0	22.0	2.5	3.5	6.0	100	100
2798E	1.0 : 1.0	22.0	5.0	3.5	3.5	100	40

Part Number	Compatible Transceiver ICs	
	IC Manufacturer	IC Part Number
2798A	Lucent	T7234 T7250C T7254 T7256 T7259
	Motorola	MC145574
2798B	Lucent	T7901 T7903
2798C	SGS Thompson	ST5420 ST5421
	Siemens	PEB2080 PEB2081 PEB2084 PEB2085 PEB2086 PEB2186
	Mietec	MTC-2072
	Mitel	MT8930 MT8931
	National Semiconductor	TP3420 TP3421
	AMD	Am79C30A Am79C32A
2798E	Motorola	MC145474 MC145475

SCHEMATIC

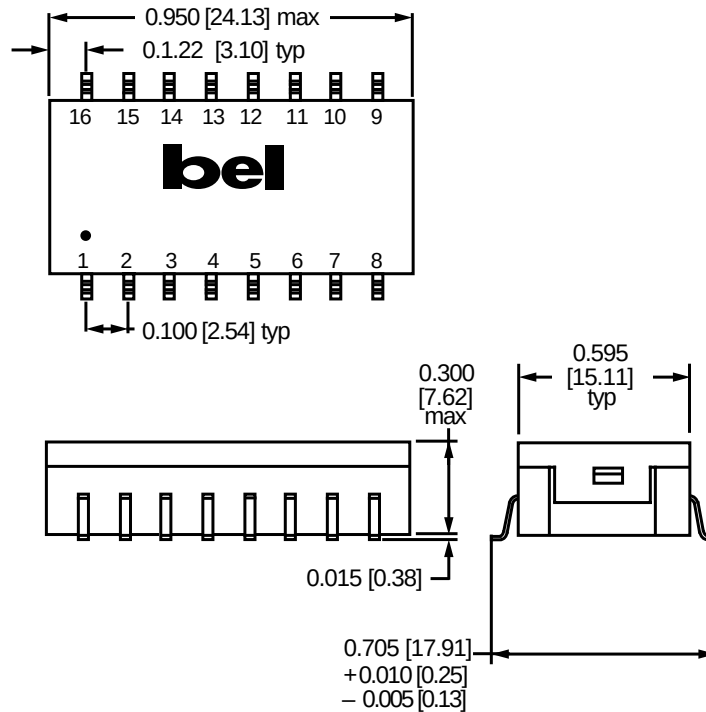
2798A
2798B
2798C
2798D
2798E



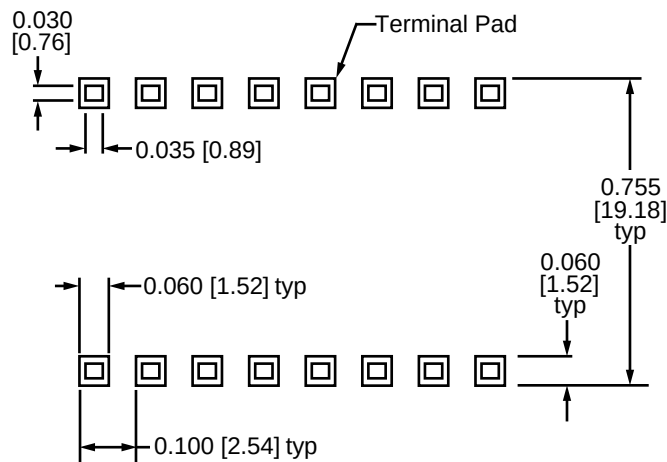
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MECHANICAL

2798A
2798B
2798C
2798D
2798E



Note: Unless otherwise specified, dimensions are nominal and in inches [millimeters].



Suggested PCB Pad Layout

Tape and reel packaging: 400 parts/reel

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