

Valor Electronics Products Catalog



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Juniper Ex 1023 - 1  
Juniper v Chrimar  
IPR2016-01397

- Custom designs available for specific applications
- Low cost makes them perfect for signal isolation, impedance matching, signal conditioning, EMI filter and noise suppression in data coupling, in LANs (*Ethernet, 10BASE-T, Token Ring, StarLAN*), and in ISDN/Telecommunications (*T1, S and U interfaces*).

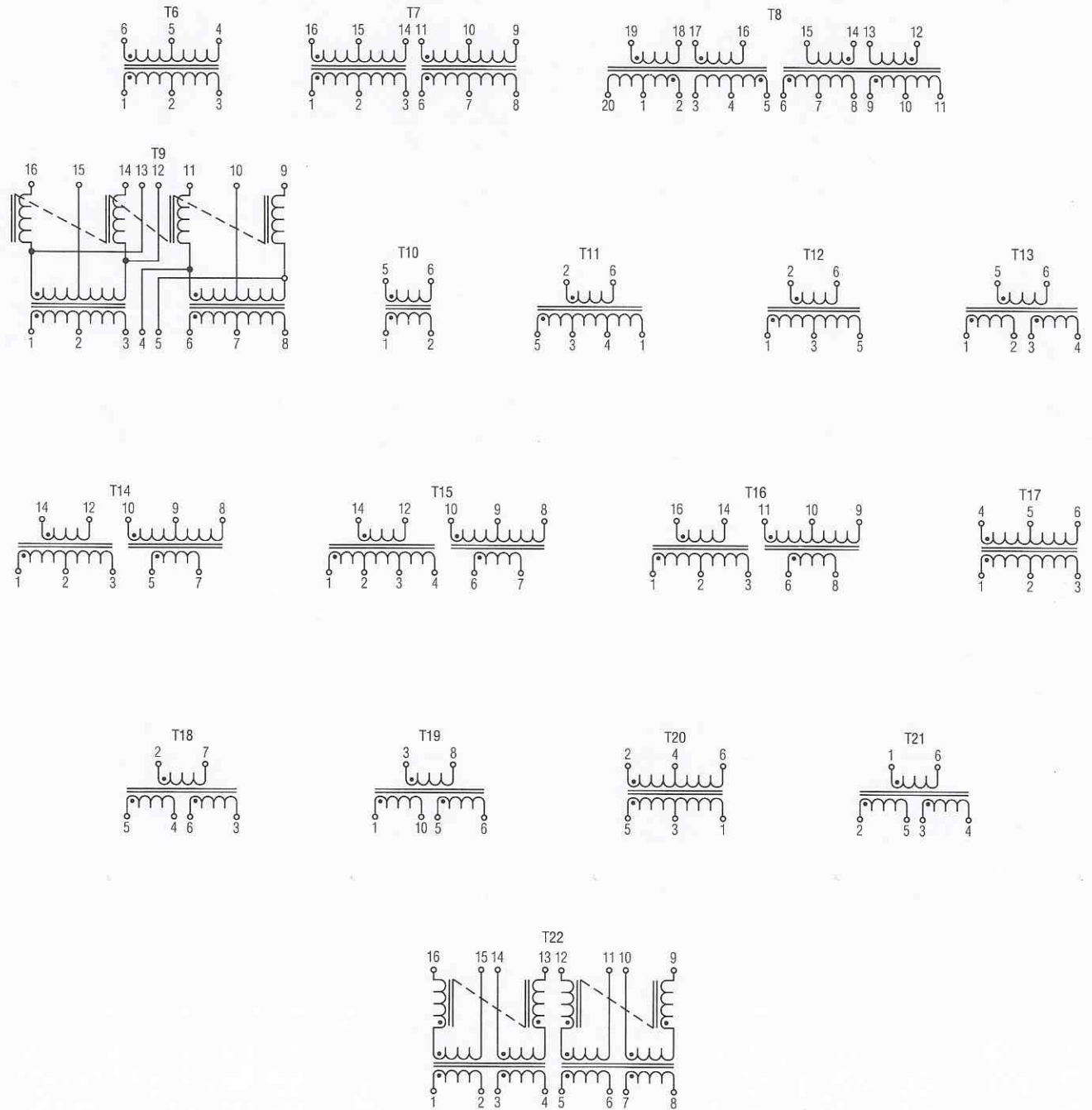
### Ethernet LAN Coupling Transformers

Part Number	OCL min (μH)	Turns Ratio	ET max (V-μs)	t <sub>r</sub> max (ns)	DCR max (Ω)	L <sub>1</sub> max (μH)	C <sub>w/w</sub> max (pF)	DWV min (V rms)	Schematic <sup>(1)</sup>	Packaging	
<i>See Note (3)</i>											
LT6000	35	1:1/1:1/1:1	2.1	3.0	0.25	0.2	8	500	T4	N2 16-p	
LT6030								2000		N1 16-p	
ST6030								2000		Q2 16-p	
ST7030								2000		S2 16-p	
LT6001	50	1:1/1:1/1:1	2.2	3.0	0.25	0.2	9	500	T4	N2 16-p	
LT6031								2000		N1 16-p	
ST6031								2000		Q2 16-p	
ST7031								2000		S2 16-p	
LT6002	75	1:1/1:1/1:1	2.4	3.0	0.3	0.25	10	500	T4	N2 16-p	
LT6032								2000		N1 16-p	
ST6032								2000		Q2 16-p	
ST7032								2000		S2 16-p	
LT6003	100	1:1/1:1/1:1	2.5	3.5	0.3	0.25	10	500	T4	N2 16-p	
LT6033								2000		N1 16-p	
ST6033								2000		Q2 16-p	
ST7033								2000		S2 16-p	
LT6004	150	1:1/1:1/1:1	3.0	3.5	0.3	0.35	12	500	T4	N2 16-p	
LT6034								2000		N1 16-p	
ST6034								2000		Q2 16-p	
ST7034								2000		S2 16-p	
LT6005	250	1:1/1:1/1:1	3.5	3.7	0.3	0.35	16	500	T4	N2 16-p	
LT6035								2000		N1 16-p	
ST6035								2000		Q2 16-p	
ST7035								2000		S2 16-p	
<i>See Note (4)</i>											
PT3836	200	1CT:1CT	3.5	4.2	0.9	0.17	20	2000	T6	M2 6-p	
PT3785		1CT:1CT/1CT:1CT		4.2	0.9		20		T7	N1 16-p	
ST7001		1CT:1CT/1CT:1CT		3.0	0.3		12		T7	S2 16-p	
<i>See Note (5)</i>											
PT4069	200	1CT:1CT/1CT:1.4CT	-	-	0.9	0.3	20	2000	T7	N1 16-p	
ST7011										S2 16-p	
PT4068										PT4069 with CMC	N1 16-p
ST7010										ST7011 with CMC	S2 16-p

<sup>(3)</sup> Isolation transformers for the cable-AUI interface. LT6000 series is for 10BASE-2 (500V). LT6030/ST6030/ST7030 series are for 10BASE-5 (2000 V).

<sup>(4)</sup> Transformers for discrete implementation of 10BASE-T filter modules such as PT3877, FL1012, FL1020, etc.

<sup>(5)</sup> Transformers for use with Level One chip part number LXT901.







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*Valor is the recognized leader in LAN application-specific products and has an expanding product line that features electronic components which satisfy diverse data communications needs.*

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