

Valor Electronics Products Catalog



Products and technology that make a difference.™

Juniper Ex 1023 - 1
Juniper v Chrimar
IPR2016-01389

- 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*).

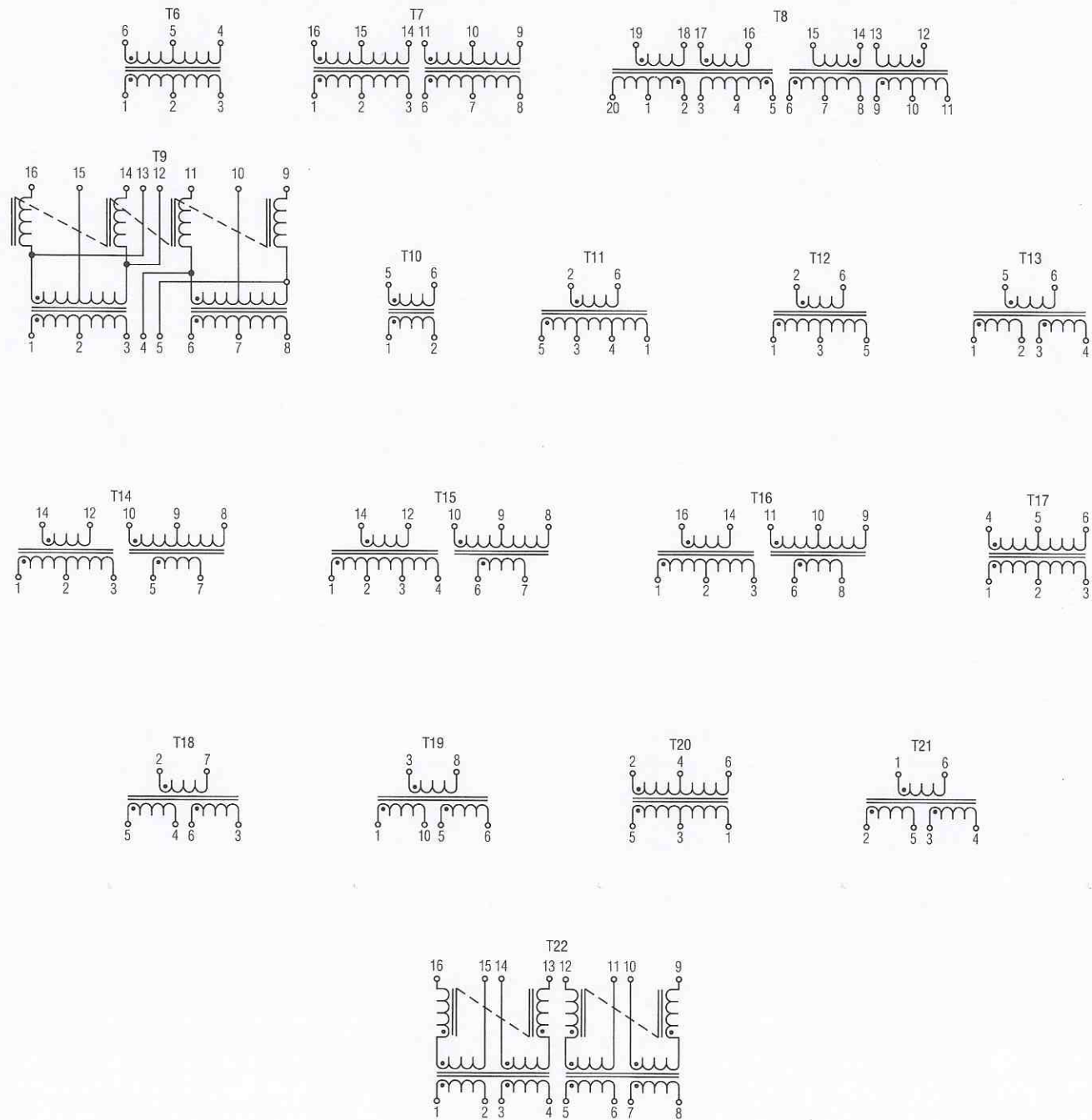
Ethernet LAN Coupling Transformers

Part Number	OCL min (μH)	Turns Ratio	ET max (V-μs)	t _r max (ns)	DCR max (Ω)	L ₁ max (μH)	C _{w/w} max (pF)	DWV min (V rms)	Schematic ⁽¹⁾	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										Q2 16-p	
ST7030										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										Q2 16-p	
ST7031										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										Q2 16-p	
ST7032										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										Q2 16-p	
ST7033										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										Q2 16-p	
ST7034										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										Q2 16-p	
ST7035										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				3.0	0.3		12			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	T9	N1 16-p
ST7010									ST7011 with CMC		S2 16-p

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

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

⁽⁵⁾ Transformers for use with Level One chip part number LXT901.





San Diego-based Valor Electronics, Inc. employs thousands of people worldwide. The company is committed to develop, manufacture and market leading-edge products utilizing its expertise in magnetic components and high-volume manufacturing, while setting a world standard for excellence in the industry.

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.

You can buy with confidence from Valor Electronics, Inc.— products and technology that will make a difference to you.

Corporate Headquarters

*Valor Electronics, Inc.
9715 Business Park Avenue
San Diego, California 92131-1642
USA
Telephone 619-537-2500
Facsimile 619-537-2525*

Valor Asia

*Valor East Electronics, Ltd.
Room 510, 5th Floor
1 Kornhill Road, Kornhill Metro Tower,
Quarry Bay, Hong Kong
Telephone 852-513-8210
Facsimile 852-513-8214*

Valor Europe

*Valor Electronics GmbH
Grünwalder Straße 14
8000 München 90
Germany
Telephone 49-89-6923122
Facsimile 49-89-6926542*

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