

PULSE LAN Discrete Transformer Modules

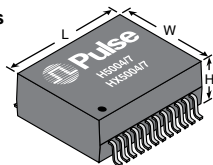


1000 BASE-T MAGNETICS MODULES

Designed to Support 1:1 Turns Ratio Transceivers

Features:

- Designed for long haul Gigabit Ethernet (10/100/1000 Base-T) Applications
- H5008/9 Designed to fit behind 1x1 RJ45 connector
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.ab Standard for 1000 Base-T



L/W/H are maximum dimensions. Width is measured on surface mount parts pin-tip to pin-tip. Height includes wash area.

10/100/1000 Base-T, Single Port

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H5004	H5004	1CT:1CT	24-PIN SOIC	.695	.635	.23				
673-HX5004	HX5004	1CT:1CT	24-PIN SOIC	.695	.635	.23				
673-H5007	H5007	1CT:1CT	24-PIN SOIC	.695	.635	.23				
673-H5062	H5062	1CT:1CT	24-PIN SOIC	.695	.635	.23				
673-H5008	H5008	1CT:1CT	24-PIN SOIC	.557	.75	.235				
673-HX5008	HX5008	1CT:1CT	24-PIN SOIC	.557	.75	.235				
673-H5009	H5009	1CT:1CT	24-PIN SOIC	.557	.75	.235				

10/100/1000 Base-T, Dual Port

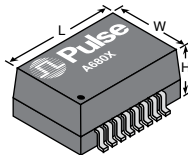
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H5014	H5014	1CT:1CT	48-PIN	1.095	.6	.285				
673-H5020	H5020	1CT:1CT	50-PIN	1.095	.43	.34				
673-HX5020	HX5020	1CT:1CT	50-PIN	1.095	.43	.34				

GIGABIT DUAL TRANSFORMERS

For use with 150Ω Twinax Cable

Features:

- Compliant with ANSI X3T9.5, FC-PH-3 Fibre Channel Physical Layer Specification
- Compliant with IEEE 802.3z PMD
- Designed for fast rise-time and a low frequency cutoff of 2.5MHz
- IC grade transfer-molded withstands 235°C peak temperature profile



L/W/H are maximum dimensions. Width is measured on surface mount parts pin-tip to pin-tip. Height includes wash area.

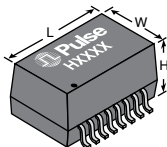
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
673-A6801	A6801	1CT:1CT	16-PIN SOIC	.5	.295	.22				
673-A6802	A6802	1:1	16-PIN SOIC	.5	.295	.22				

10/100 BASE-TX SINGLE PORT TRANSFORMER MODULES

With 1:1 Transmit Turns Ratios

Features:

- Compact symmetrical size facilitates chip shooter placement and reduces manufacturing time
- IEEE 802.3 and ANSI X3.263 compliant including 350µH OCL with 8mA bias
- IC grade transfer-molded package withstands temperatures over 235°C
- Patented interlock base construction for high reliability



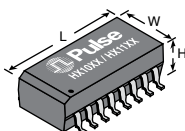
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1112	H1112	1CT:1CT	12-PIN SMT	.589	.588	.197				
673-H1012	H1012	1CT:1CT	16-PIN SMT	1	.505	.235				
673-HX1198	HX1198	1CT:1CT	16-PIN SOIC	.5	.38	.235				
673-H1267	H1267	1CT:1CT	24-PIN SMT	.69	.48	.225				
673-H0009	H0009	1CT:1CT	PCMCIA	.56	.67	.078				

10/100 BASE-TX SINGLE PORT TRANSFORMER MODULES

With Various Transmit Turns Ratios

Features:

- Patented Interlock Base Design
- Meets all IEEE 802.3 and ANSI X3.263 standards including 350µH OCL with 8mA bias
- IC grade transfer-molded package withstands temperatures over 235°C
- Various pinout options available for optimal board layout



L/W/H are maximum dimensions. Width is measured on surface mount parts pin-tip to pin-tip. Height includes wash area.

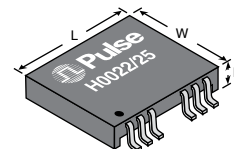
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1089	H1089	1CT:1CT	16-PIN SMT	1	.51	.23				
673-HX1148	HX1148	1CT:1CT	16-PIN SMT	1	.525	.235				
673-HX1178	HX1178	1CT:1C	16-PIN SMT	1	.525	.235				

10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS MODULES

With Various Turns Ratios

Features:

- Meets IEEE 802.3 and ANSI X3.263 Standards including 350µH OCL with 8mA bias
- Standard for reflow soldering at temperatures up to 235°C
- Compact footprint for use in the most space-restrictive applications



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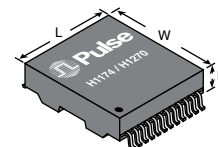
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1102	H1102	1CT:1CT	16-PIN SOIC	.5	.37	.235				
673-H1100	H1100	2CT:1CT	16-PIN SOIC	.5	.38	.235				
673-H1199	H1199	1CT:1CT	16-PIN SOIC	.5	.38	.235				
673-H1260	H1260	1CT:1CT	16-PIN SOIC	.5	.38	.235				
673-HX1188	HX1188	1CT:1CT	16-PIN SOIC	.5	.38	.235				
673-H0019	H0019	1CT:1CT	PCMCIA	.5	.38	.084				
673-H0022	H0022	1CT:1CT	PCMCIA	.465	.45	.085				

10/100 BASE-T DUAL PORT TRANSFER MODULES

For use with Transceivers Requiring 1:1 Transmit and Receive Turns Ratio

Features:

- Compliant with IEEE 802.3 and ANSI X3.263 Standards including 350µH OCL with 8mA bias
- Modules designed to support two RJ45 connectors
- Some models offer AutoMDIX capability



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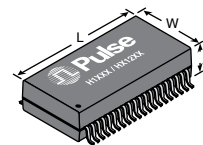
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1174	H1174	1CT:1CT	24-PIN	.515	.59	.145				
673-H1270	H1270	1CT:1CT	24-PIN	.515	.59	.145				

10/100 BASE-TX QUAD PORT TRANSFORMER MODULES

For use with Transceivers Requiring 1:1 Transmit and Receive Turns Ratios

Features:

- Patented Interlock Design
- Compliant with IEEE 802.3u and ANSI X3.263 Standards
- Models designed to support two RJ45 connectors
- IC grade transfer-molded package withstands 235°C peak temperature profile



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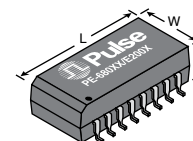
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
673-H1036L	H1036L	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1044	H1044	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1053	H1053	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1060	H1060	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1062	H1062	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1074	H1074	2CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1164	H1164	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-H1266	H1266	1CT:1CT	40-PIN SOIC	1.125	.64	.23				
673-HX1203	HX1203	1CT:1CT	40-PIN SOIC	1.125	.64	.28				
673-HX1240	HX1240	1CT:1CT	40-PIN SOIC	1.125	.64	.28				
673-HX1234	HX1234	1CT:1CT	40-PIN SOIC	1.125	.64	.28				
673-HX1236	HX1236	1CT:1CT	40-PIN SOIC	1.125	.64	.28				

SURFACE MOUNT 10 BASE-T INTERFACE MODULES

Fully integrated for Adapter, Hub, and Motherboard Applications

Features:

- Low profile surface mount package
- E2000 Series Designed for AMD, DEC, LSI, Motorola, and National transceivers
- IC grade transfer-molded package withstands 235°C peak temperature performance



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MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
673-E2003	E2003	1CT:1CT	16-PIN SMT	1	.5	.23				
673-PE-68026	PE-68026	1CT:1CT	16-PIN SMT	.93	.51	.23				
673-E2009	E2009	1:1.41CT	16-PIN SMT	1	.5	.23				