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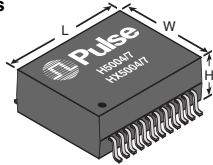
1000 BASE-T MAGNETICS MODULES

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 802.3ab 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

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each					
				L	W	H	1	5	25	50		

10/100/1000 Base-T, Single Port

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	5	35	50
673-H5008	H5008	1CT:1CT	24-PIN SOIC	.557	.75	.235	9.30	7.75	6.20	4.84
673-HX5008	HX5008	1CT:1CT	24-PIN SOIC	.557	.75	.235	10.56	8.80	7.04	5.49
673-H5009	H5009	1CT:1CT	24-PIN SOIC	.557	.75	.235	8.55	7.13	5.70	4.45

10/100/1000 Base-T, Dual Port

For quantities of 600 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	15	60	120
673-H5012	H5012	1CT:1CT	48-PIN	1.095	.6	.285	14.85	12.38	9.90	8.66
673-H5014	H5014	1CT:1CT	48-PIN	1.095	.6	.285	13.95	11.63	9.30	8.14
673-HX5014	HX5014	1CT:1CT	48-PIN	1.095	.6	.285	15.35	12.79	10.23	8.95
673-H5020	H5020	1CT:1CT	50-PIN	1.095	.43	.34	13.95	11.63	9.30	8.14
673-HX5020	HX5020	1CT:1CT	50-PIN	1.095	.43	.34	15.35	12.79	10.23	8.95

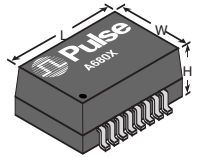
GIGABIT DUAL TRANSFORMERS

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 2.5 MHz
- 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.



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	5	35	70
673-A6801	A6801	1CT:1CT	16-PIN SOIC	.5	.295	.22	4.53	3.78	3.02	2.36
673-A6802	A6802	1:1	16-PIN SOIC	.5	.295	.22	4.53	3.78	3.02	2.36

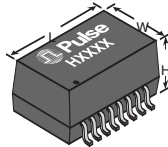
10/100 BASE-TX SINGLE PORT TRANSFORMER MODULES

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

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



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	5	35	70
673-H1112	H1112	1CT:1CT	12-PIN SMT	.589	.588	.197	3.39	2.83	2.26	1.76
673-H1012	H1012	1CT:1CT	16-PIN SMT	1	.505	.235	5.90	4.75	4.45	4.15
673-H1141	H1141	1CT:1CT	16-PIN SMT	.495	.6	.23	4.65	3.88	3.10	2.42
673-HX1198	HX1198	1CT:1CT	16-PIN SOIC	.5	.38	.235	3.56	3.41	3.27	3.12
673-H1267	H1267	1CT:1CT	24-PIN SMT	.69	.48	.225	3.00	2.50	2.00	1.56
673-H0009	H0009	1CT:1CT	PCMCIA	.56	.67	.078	4.80	4.00	3.20	2.50

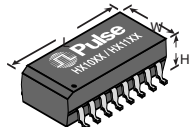
10/100 BASE-TX SINGLE PORT TRANSFORMER MODULES

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.



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	5	25	50
673-H1038	H1038	2CT:1CT	16-PIN SMT	1	.51	0.23	4.68	3.90	3.12	2.43
673-H1089	H1089	1CT:1CT	16-PIN SMT	1	.51	.23	3.90	3.25	2.60	2.03
673-HX1148	HX1148	1CT:1CT	16-PIN SMT	1	.525	.235	6.18	5.15	4.12	3.21
673-HX1178	HX1178	1CT:1C	16-PIN SMT	1	.525	.235	5.70	4.75	3.80	2.96
673-ST6118T	ST6118T	1CT:1CT	16-PIN SMT	.998	.515	.242	3.54	2.95	2.36	1.84
673-ST6122T	ST6122T	1.4CT:1CT	16-PIN SMT	.998	.515	.242	4.65	3.88	3.10	2.42
673-ST6129T	ST6129T	2CT:1CT	16-PIN SMT	.998	.515	.242	4.65	3.88	3.10	2.42

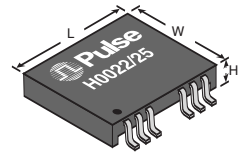
10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS MODULES

With Various Turns Ratios

Features:

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

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



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	20	40	120
673-H1102	H1102	1CT:1CT	16-PIN SOIC	.5	.37	.235	2.50	2.40	2.30	2.20
673-H1100	H1100	2CT:1CT	16-PIN SOIC	.5	.38	.235	3.15	2.63	2.10	1.64
673-H1199	H1199	1CT:1CT	16-PIN SOIC	.5	.38	.235	3.51	2.93	2.34	1.83
673-H1260	H1260	1CT:1CT	16-PIN SOIC	.5	.38	.235	2.85	2.38	1.90	1.48
673-HX1188	HX1188	1CT:1CT	16-PIN SOIC	.5	.38	.235	3.45	2.88	2.30	1.79
673-H0019	H0019	1CT:1CT	PCMCIA	.5	.38	.084	4.95	4.55	3.64	2.84
673-H0022	H0022	1CT:1CT	PCMCIA	.465	.45	.085	5.46	4.55	3.64	2.84
673-H0025	H0025	1CT:1CT	PCMCIA	.475	.45	.085	5.22	4.35	3.48	2.71

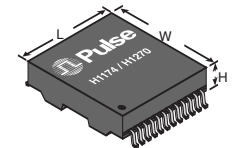
10/100 BASE-T DUAL PORT TRANSFER MODULES

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 AutoMIDX capability

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



10/100 Base-TX, Dual Port

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	15	35	70
673-H1174	H1174	1CT:1CT	24-PIN	.515	.59	.145	6.00	5.75	5.50	5.25
673-H1270	H1270	1CT:1CT	24-PIN	.515	.59	.145	5.70	4.75	3.80	2.96

10/100 Base-TX, Dual Port

For quantities of 300 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	15	75	150
673-H1028	H1028	1CT:1CT	40-PIN SOIC	1.125	.64	.23	7.92	6.60	5.28	4.62
673-H1200	H1200	1CT:1CT	40-PIN SOIC	1.125	.64	.23	5.25	4.38	3.50	3.06

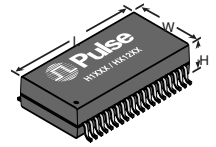
10/100 BASE-TX QUAD PORT TRANSFORMER MODULES

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

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



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)			Price Each			
				L	W	H	1	20	40	120
673-H1036L	H1036L	1CT:1CT	40-PIN SOIC	1.125	.64	.23	9.15	7.63	6.10	5.34
673-H1044	H1044	1CT:1CT	40-PIN SOIC	1.125	.64	.23	9.15	7.63	6.10	5.34
673-H1053	H1053	1CT:1CT	40-PIN SOIC	1.125	.64	.23	9.15	7.63	6.10	5.34
673-H1060	H1060	1CT:1CT	40-PIN SOIC	1.125	.64	.23	9.15	7.63	6.10	5.34
673-H1062	H1062	1CT:1CT	40-PIN SOIC	1.125	.64	.23	9.15	7.63	6.10	5.34
673-H1069	H1069	2CT:1CT	40-PIN SOIC	1.125	.64	.23	9.60	8.00	6.40	5.60
673-H1074	H1074	2CT:1CT	40-PIN SOIC	1.125	.64	.23	9.60	8.00	6.40	5.60
673-H1140	H1140	1CT:1CT	40-PIN SOIC	1.125	.64	.28	10.35	8.63	6.90	6.04
673-H1164	H1164	1CT:1CT	40-PIN SOIC	1.125	.64	.23	7.10	5.68	5.11	4.60
673-H1259	H1259	1CT:1CT	40-PIN SOIC	1.125	.64	.23	8.70	7.25	5.80	5.08
673-H1266	H1266	1CT:1CT	40-PIN SOIC	1.125	.64	.23	8.70	7.25	5.80	5.08
673-HX1203	HX1203	1CT:1CT	40-PIN SOIC	1.125	.64	.28	9.87	8.23	6.58	5.76
673-HX1240	HX1240	1CT:1CT	40-PIN SOIC	1.125	.64	.28	11.10	9.25	7.40	6.48
673-HX1234	HX1234	1CT:1CT	40-PIN SOIC	1.125	.64	.28	9.75	8.13	6.50	5.69
673-HX1236	HX1236	1CT:1CT	40-PIN SOIC	1.125	.64	.28	9.93	8.28	6.62	5.79

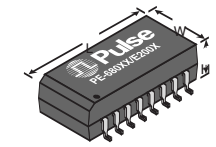
SURFACE MOUNT 10 BASE-T INTERFACE MODULES

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

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



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions (IN)		
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