

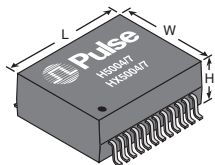
1000 BASE-T MAGNETICS MODULES

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

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	8.69	6.51	5.53	5.09
673-HX5004	HX5004	1CT:1CT	24-PIN SOIC	.695	.635	.23	117.20	97.00	75.60	65.50
673-H5007	H5007	1CT:1CT	24-PIN SOIC	.695	.635	.23	7.44	6.20	4.52	3.72
673-H5062	H5062	1CT:1CT	24-PIN SOIC	.695	.635	.23	81.20	76.20	71.10	31.00
673-H5008	H5008	1CT:1CT	24-PIN SOIC	.557	.75	.235	106.50	86.30	75.00	66.10
673-HX5008	HX5008	1CT:1CT	24-PIN SOIC	.557	.75	.235	117.00	95.80	81.90	78.70
673-H5009	H5009	1CT:1CT	24-PIN SOIC	.557	.75	.235	105.30	87.80	53.70	52.60

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	151.30	128.20	85.90	85.60
673-H5020	H5020	1CT:1CT	50-PIN	1.095	.43	.34	171.40	137.90	119.60	103.80
673-HX5020	HX5020	1CT:1CT	50-PIN	1.095	.43	.34	16.31	13.60	9.45	9.42

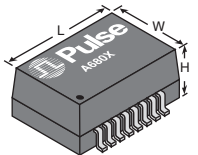
GIGABIT DUAL TRANSFORMERS

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.



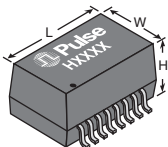
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
673-A6801	A6801	1CT:1CT	16-PIN SOIC	.5	.295	.22	5.16	3.91	2.58	2.55
673-A6802	A6802	1:1	16-PIN SOIC	.5	.295	.22	5.16	3.91	2.58	2.55

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.



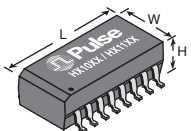
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1112	H1112	1CT:1CT	12-PIN SMT	.589	.588	.197	4.63	3.73	2.29	2.20
673-H1012	H1012	1CT:1CT	16-PIN SMT	1	.505	.235	4.62	3.73	2.52	2.41
673-HX1198	HX1198	1CT:1CT	16-PIN SOIC	.5	.38	.235	41.70	34.80	24.00	22.60
673-H1267	H1267	1CT:1CT	24-PIN SMT	.69	.48	.225	36.80	25.40	22.90	20.70
673-H0009	H0009	1CT:1CT	PCMCIA	.56	.67	.078	6.00	5.00	3.84	3.06

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.



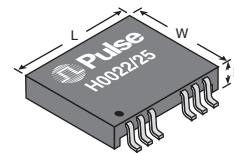
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1089	H1089	1CT:1CT	16-PIN SMT	1	.51	.23	60.30	55.90	32.60	31.40
673-HX1148	HX1148	1CT:1CT	16-PIN SMT	1	.525	.235	7.65	6.38	4.72	4.39
673-HX1178	HX1178	1CT:1C	16-PIN SMT	1	.525	.235	73.40	57.10	44.10	39.30

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
 - Modules 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.



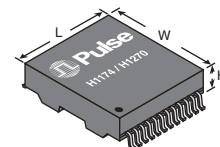
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1102	H1102	1CT:1CT	16-PIN SOIC	.5	.37	.235	4.87	3.16	2.28	2.14
673-H1100	H1100	2CT:1CT	16-PIN SOIC	.5	.38	.235	58.00	54.40	46.10	22.10
673-H1199	H1199	1CT:1CT	16-PIN SOIC	.5	.38	.235	64.40	54.90	24.60	24.20
673-H1260	H1260	1CT:1CT	16-PIN SOIC	.5	.38	.235	41.30	30.10	23.00	20.30
673-HX1188	HX1188	1CT:1CT	16-PIN SOIC	.5	.38	.235	4.62	3.73	2.60	2.41
673-H0019	H0019	1CT:1CT	PCMCIA	.5	.38	.084	59.90	49.80	36.80	35.20
673-H0022	H0022	1CT:1CT	PCMCIA	.465	.45	.085	90.40	84.70	72.00	34.50

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



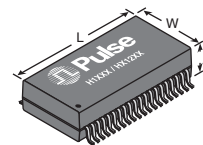
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	25	100
673-H1174	H1174	1CT:1CT	24-PIN	.515	.59	.145	80.10	66.80	54.70	40.80
673-H1270	H1270	1CT:1CT	24-PIN	.515	.59	.145	76.20	63.50	49.30	48.80

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.



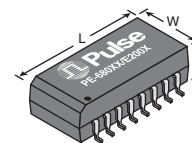
MOUSER STOCK NO.	Pulse Part No.	Turns Ratio	Package Style	Dimensions: in.			Price Each			
				L	W	H	1	10	100	500
673-H1036L	H1036L	1CT:1CT	40-PIN SOIC	1.125	.64	.23	14.08	6.00	5.97	5.95
673-H1044	H1044	1CT:1CT	40-PIN SOIC	1.125	.64	.23	140.80	60.00	59.70	59.50
673-H1053	H1053	1CT:1CT	40-PIN SOIC	1.125	.64	.23	14.08	6.00	5.97	5.95
673-H1060	H1060	1CT:1CT	40-PIN SOIC	1.125	.64	.23	14.08	6.00	5.97	5.95
673-H1062	H1062	1CT:1CT	40-PIN SOIC	1.125	.64	.23	14.08	6.00	5.97	5.95
673-H1074	H1074	2CT:1CT	40-PIN SOIC	1.125	.64	.23	110.60	64.10	63.80	63.60
673-H1164	H1164	1CT:1CT	40-PIN SOIC	1.125	.64	.23	14.03	10.60	7.38	7.09
673-H1266	H1266	1CT:1CT	40-PIN SOIC	1.125	.64	.23	133.70	58.10	57.80	57.60
673-HX1203	HX1203	1CT:1CT	40-PIN SOIC	1.125	.64	.28	128.30	106.50	88.50	81.80
673-HX1240	HX1240	1CT:1CT	40-PIN SOIC	1.125	.64	.28	165.00	71.70	71.40	71.20
673-HX1234	HX1234	1CT:1CT	40-PIN SOIC	1.125	.64	.28	11.70	9.58	8.19	7.87
673-HX1236	HX1236	1CT:1CT	40-PIN SOIC	1.125	.64	.28	14.18	6.42	6.39	6.37

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.



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	96.00	90.00	76.40	72.00
673-PE-68026	PE-68026	1CT:1CT	16-PIN SMT	.93	.51	.23	7.70	5.54	5.02	4.34
673-E2009	E2009	1:1.41CT	16-PIN SMT	1	.5	.23	7.44	6.20	4.62	4.50