

Electrical / Environmental

- Meets 350 μ H OCL with 8 mA DC Bias
- Meets the required 1500 Vrms line isolation
- Standard Operating Temperature Range 0°C to +70°C
- Extended Operating Temperature Range -40°C to +85°C
- RoHS Peak Solder Rating 260°C

HS00

Gigabit Ethernet Networking Products



HALF-PORT: SMT 12-PIN



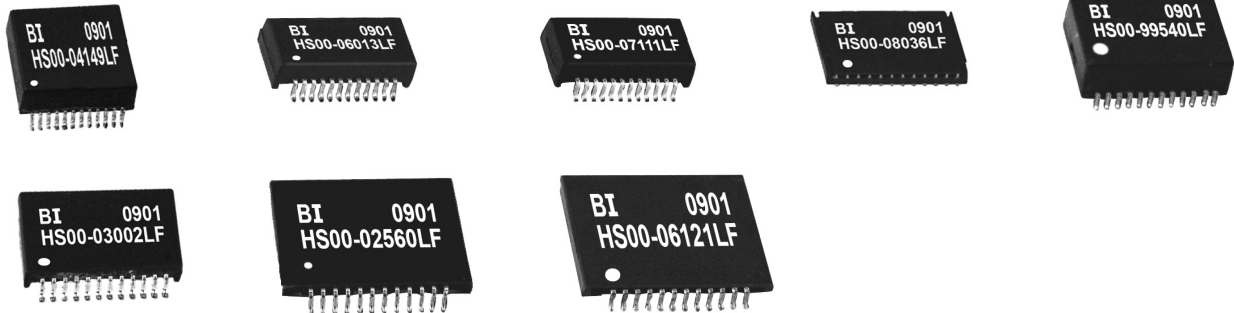
BI P/N ¹	Ports Supported	Configuration ²	Turns Ratio ³	Packaging (mm)					Hi-Pot (Vrms)
				Style	Pitch	Length	Width	Height	
HS00-07135LF	½	T,C	1CT:1CT	12-pin SMT	1.27	8.15	9.47	1.95	1500

HALF-PORT: SMT 16-PIN



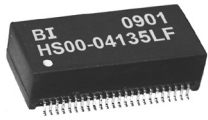
BI P/N ¹	Ports Supported	Configuration ²	Turns Ratio ³	Packaging (mm)					Hi-Pot (Vrms)
				Style	Pitch	Length	Width	Height	
HS00-05148LF	½	T,C	1CT:1CT	16-pin SMT	1.27	12.70	9.52	1.73	1500

SINGLE PORT: SMT 24-PIN (8 Types)



BI P/N ¹	Ports Supported	Configuration ²	Turns Ratio ³	Packaging (mm)					Hi-Pot (Vrms)
				Style	Pitch	Length	Width	Height	
HS00-04149LF	1	T,C,S	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-06015LF	1	T,C	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-06013LF	1	T,C	1CT:1CT	24-pin SMT	1.02	14.50	9.30	4.75	1500
HS00-07111LF	1	T	1CT:1CT	24-pin SMT	1.00	15.00	10.00	4.00	1500
HS00-08036LF	1	T,C	1CT:1CT	24-pin SMT	1.27	16.50	9.50	2.15	1500
HS00-99540LF	1	T,C	1CT:1CT	24-pin SMT	1.27	17.78	15.24	5.72	1500
HS00-00096LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	17.78	15.24	5.95	1500
HS00-06037LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	17.78	15.24	5.95	1500
HS00-08034LF	1	C+S,T	1CT:1CT	24-pin SMT	1.27	17.78	15.24	5.95	1500
HS00-03002LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	17.90	15.75	2.90	1500
HS00-02560LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	19.80	19.17	2.20	1500
HS00-06121LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	19.81	19.56	2.29	1500
HS00-08035LF	1	T,C,S	1CT:1CT	24-pin SMT	1.27	19.81	19.56	2.29	1500

DUAL-PORT: SMT 48-PIN



BI P/N ¹	Ports Supported	Configuration ²	Turns Ratio ³	Packaging (mm)					Hi-Pot (Vrms)
				Style	Pitch	Length	Width	Height	
HS00-04135LF	2	T,C	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500
HS00-05078LF	2	T,C,S	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500
HS00-06100LF	2	T,C,S	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500
HS00-07139LF	2	T,C	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500
HS00-08046LF	2	T,C,S	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.20	1500

DUAL-PORT: SMT 50-PIN



BI P/N ¹	Ports Supported	Configuration ²	Turns Ratio ³	Packaging (mm)					Hi-Pot (Vrms)
				Style	Pitch	Length	Width	Height	
HS00-08045LF	2	T,C	1CT:1CT	50-pin SMT	1.02	27.69	10.67	8.41	1500

- Notes: (1) For Tape & Reel Packaging, add a "TR" suffix to the end of the Part Number when ordering, e.g. HS00-00096LFTR.
 (2) IC to Cable side: C is Common Mode Choke, S is Shunt Inductor and T is Transformer.
 (3) Turns Ratio is IC to Cable side.