

## Electrical / Environmental

- IEEE 802.3af compliant performance
- Standard Operating Temperature Range 0°C to +70°C
- Extended Operating Temperature Range -40°C to +85°C
- 350mA current capability
- RoHS Peak Solder Rating 260°C

# HS00

Power over Ethernet  
(Voice over IP) Networking Products



### HALF-PORT: SMT 6-PIN



BI P/N <sup>1</sup>	Application	Ports Supported	Configuration <sup>2</sup>		Turns Ratio <sup>3</sup>		Style	Packaging (mm)				Hi-Pot (Vrms)
			Tx	Rx	Tx	Rx		Pitch	Length	Width	Height	
HS00-05149LF	10/100	½	T	-	1CT:1CT	-	6-pin SMT	2.54	7.61	10.35	6.00	1500

### SINGLE-PORT: SMT 16-PIN



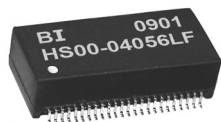
BI P/N <sup>1</sup>	Application	Ports Supported	Configuration <sup>2</sup>		Turns Ratio <sup>3</sup>		Style	Packaging (mm)				Hi-Pot (Vrms)
			Tx	Rx	Tx	Rx		Pitch	Length	Width	Height	
HS00-04062LF	10/100	1	T,C	T,C	1CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.65	5.08	1500
HS00-05061LF	10/100	1	C,T	C,T	1CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.35	5.97	1500

### DUAL-PORT: SMT 24-PIN (2 Types)



BI P/N <sup>1</sup>	Application	Ports Supported	Configuration <sup>2</sup>		Turns Ratio <sup>3</sup>		Style	Packaging (mm)				Hi-Pot (Vrms)
			Tx	Rx	Tx	Rx		Pitch	Length	Width	Height	
HS00-04055LF	10/100	2	T,C,S	T,C,S	1CT:1CT	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-05138LF	10/100	2	T,C,S	C,T	1CT:1CT	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-05166LF	10/100	2	T,C,S	T,C,S	1CT:1CT	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-05176LF	10/100	2	C,T	C,T	1CT:1CT	1CT:1CT	24-pin SMT	0.99	13.77	18.80	5.72	1500
HS00-03078LF	10/100	2	T,C	T,C	1CT:1CT	1CT:1CT	24-pin SMT	1.00	13.51	15.24	5.60	1500
HS00-05062LF	10/100	2	T,C	T,C	1CT:1CT	1CT:1CT	24-pin SMT	1.00	13.51	15.24	6.22	1500
HS00-06026LF	10/100	2	T,C,S	T	1CT:1CT	1CT:1CT	24-pin SMT	1.00	13.51	15.24	6.20	1500

### QUAD-PORT SMT: 48-PIN



BI P/N <sup>1</sup>	Application	Ports Supported	Configuration <sup>2</sup>		Turns Ratio <sup>3</sup>		Packaging (mm)				Hi-Pot (Vrms)	
			Tx	Rx	Tx	Rx	Style	Pitch	Length	Width		Height
HS00-04056LF	10/100	4	T,C,S	C,T	1CT:1CT	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500
HS00-05013LF	10/100	4	T,C	T,C	1CT:1CT	1CT:1CT	48-pin SMT	1.02	27.81	15.30	7.60	1500

### GIGABIT SINGLE-PORT SMT 24-PIN



BI P/N <sup>1</sup>	Application	Ports Supported	Configuration <sup>2</sup>		Turns Ratio <sup>3</sup>		Packaging (mm)				Hi-Pot (Vrms)	
			Tx	Rx	Tx	Rx	Style	Pitch	Length	Width		Height
HS00-07157LF	10/100/1000	1	C+S, T		1CT:1CT		24-pin SMT	1.27	17.78	15.24	5.95	1500

- Notes: (1) For Tape & Reel Packaging, add a "TR" suffix to the end of the Part Number when ordering, e.g. HS00-04062LFTR.  
 (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.