

## Electrical / Environmental

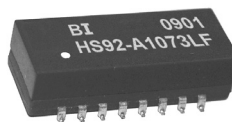
- Meets the required 1500 Vrms line isolation
- Standard Operating Temperature Range           0°C to +70°C
- Extended Operating Temperature Range       -40°C to +85°C
- RoHS Peak Solder Rating 260°C

# HS92

## 10Base Networking Products



### SINGLE-PORT: SMT 16-PIN (2 Types)



BI P/N <sup>1</sup>	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	
HS92-98029LF	1	T	T	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.65	5.50	1500
HS92-98703LF	1	T,C	T,C	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.20	1500
HS00-99118LF	1	T,C	T	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.35	5.08	1500
HS92-99587LF	1	T	T	1CT:√2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.40	5.08	1500
HS00-00041LF	1	T,C	T	1CT:√2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.20	1500
HS00-00078LF <sup>4</sup>	1	T,C	T,C	1CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.22	1500
HS00-00205LF	1	T,C	T,C	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.20	2000
HS92-00223LF	1	T,C	T,C	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.22	1500
HS92-01001LF	1	T,C	T,C	1CT:2.5CT	1CT:1CT	16-pin SMT	1.27	12.70	9.40	5.08	2000
HS00-01005LF	1	T	T	1CT:√2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.40	5.08	1500
HS92-A1041LF	1	T,C	T,C	1CT:2.5CT	1CT:1CT	16-pin SMT	1.27	12.70	9.52	5.08	2000
HS92-01107LF	1	T	T	1CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.65	5.08	2000
HS92-02014LF	1	T,C	T,C	1CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.00	5.08	1500
HS92-02085LF	1	T	T	1CT:√2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	5.08	2000
HS92-05158LF	1	T,C	T	2CT:1CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	5.08	1500
HS92-05171LF	4(Rx)	-	T	-	1:1	16-pin SMT	1.27	12.70	9.53	5.08	1500
HS92-06143LF	1	T,C	T	1CT:2CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	6.20	1500
HS92-07101LF	1	T	T	1CT:2.5CT	1CT:1CT	16-pin SMT	1.27	12.70	9.53	5.08	2000
HS92-A1073LF	1	T, C	T, C	1:√2	1:1	16-pin SMT	2.54	25.40	12.70	6.05	1500

### DUAL-PORT: SMT 16-PIN



BI P/N <sup>1</sup>	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	
HS92-08004LF	2	T	T	1:2	1:1	16-pin SMT	1.27	12.70	9.53	5.08	2200

### QUAD-PORT: SMT 40-PIN



BI P/N <sup>1</sup>	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	
HS92-98260LF	4	T	T	1CT:√2CT	1:1	40-pin SMT	1.27	27.62	16.00	5.52	1500
HS92-98261LF	4	T,C	T	1CT:√2CT	1:1	40-pin SMT	1.27	27.62	16.00	5.52	1500
HS92-98262LF	4	T,C	T	1CT:1CT	1:1	40-pin SMT	1.27	27.62	16.00	5.52	1500
HS92-98263LF	4	T	T	1CT:1CT	1:1	40-pin SMT	1.27	27.62	16.00	5.52	1500
HS92-01111LF	4	T,C	T	1CT:1CT	1:1	40-pin SMT	1.27	27.62	16.00	5.52	1500

### AUI TRF MODULE, SINGLE-PORT: SMT 16-PIN



BI P/N <sup>1</sup>	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	
HS92-98270LF	1	T	T	1:1	1:1	16-pin SMT	1.27	12.70	9.65	5.50	2000
HS92-98702LF	1	T	T	1:1	1:1	16-pin SMT	1.27	12.70	9.53	5.08	2000
HS92-05157LF	1	T	T	1:1	1:1	16-pin SMT	1.27	12.70	9.53	5.08	1500

- Notes: (1) For Tape & Reel Packaging, add a "TR" suffix to the end of the Part Number when ordering, e.g. HS92-02085TR.  
 (2) IC to Cable side: C is Common Mode Choke and T is Transformer.  
 (3) Turns Ratio is IC to Cable side.  
 (4) Operating Temperature Range: -40°C ~ +105°C