



- 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
- Non-RoHS Peak Solder Rating 235°C

**Specifications**

BI P/N <sup>1</sup>	RoHS <sup>2</sup>	Ports Supported	Configuration <sup>5</sup>		Turns Ratio <sup>6</sup>		Package (mm)					HI-Pot (Vrms)
			Tx	Rx	Tx	Rx	Style	Pitch	Length	Width	Height	
HS00-00041	LF	1	T, C	T	1CT:√2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	1500
HS00-00078 <sup>7</sup>	LF	1	T, C	T, C	1CT:1CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	1500
HS00-00205	LF	1	T, C	T, C	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	2000
HS00-01005	LF	1	T	T	1CT:√2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.40	5.08	1500
HS00-01107	LF	1	T	T	1CT:1CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	2000
HS00-02014	LF	1	T, C	T, C	1CT:1CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	1500
HS00-98029	LF	1	T	T	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	1500
HS00-99118	LF	1	T, C	T	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.35	6.22	1500
HS92-00223	LF	1	T, C	T, C	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.53	6.22	1500
HS92-01001	LF	1	T, C	T, C	1CT:2.5CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.40	5.08	2000
HS92-02085	LF	1	T	T	1CT:√2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	2000
HS92-05158	LF	1	T, C	T	2CT:1CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.53	5.08	1500
HS92-05171	LF	4(Rx)	-	T	-	1:1	16-pin SMT	50 mil	12.70	9.53	5.08	1500
HS92-06143	LF	1	T, C	T	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.53	6.22	1500
HS92-98703	LF	1	T, C	T, C	1CT:2CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.53	6.22	1500
HS92-A1041	LF	1	T, C	T, C	1CT:2.5CT	1CT:1CT	16-pin SMT	50 mil	12.70	9.65	6.22	2000
HS00-01015	LF	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS00-01534	LF	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS00-04133	LF	1	F, T, C	F, T	1CT:1	1CT:1	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS00-05156	LF	1	F, T, C	F, T	1CT:1CT	1CT:1CT	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS00-A1073	3	1	T, C	T, C	1:√2	1:1	16-pin SMT	100 mil	23.37	13.20	6.35	1500
HS92-03028	LF	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS92-05168	LF	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin SMT	100 mil	25.40	12.70	7.00	1500
HS00-00099 <sup>4</sup>	3	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin DIL	100 mil	20.20	10.18	6.50	2000
HS00-03092 <sup>4</sup>	3	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin DIL	100 mil	25.40	10.50	6.35	1500
HS00-98271 <sup>4</sup>	3	1	F, T, C	F, T	1CT:1CT	1CT:1CT	16-pin DIL	100 mil	20.20	10.18	6.50	1500
HS00-98273 <sup>4</sup>	3	1	F, T, C	F, T	1CT:1CT	1CT:1CT	16-pin DIL	100 mil	20.20	10.18	6.50	1500
HS00-99150 <sup>4</sup>	3	1	F, T, C	F, T, C	1CT:1CT	1CT:1CT	16-pin DIL	100 mil	20.20	10.18	6.50	1500
HS00-00044 <sup>4</sup>	3	1	F, T, C	F, T, C	1:1	1:1	10-pin SIL	100 mil	25.40	5.33	11.43	1500
HS00-01111	LF	4	T, C	T	1CT:1CT	1:1	40-pin SMT	50 mil	29.80	16.26	6.95	1500
HS00-98260	LF	4	T	T	1CT:√2CT	1:1	40-pin SMT	50 mil	29.80	16.26	6.95	1500
HS00-98261	LF	4	T, C	T	1CT:√2CT	1:1	40-pin SMT	50 mil	29.80	16.26	6.95	1500
HS00-98262	LF	4	T, C	T	1CT:1CT	1:1	40-pin SMT	50 mil	29.80	16.26	6.95	1500
HS00-98263	LF	4	T	T	1CT:1CT	1:1	40-pin SMT	50 mil	29.80	16.26	6.95	1500

- Notes:
- (1) For Tape & Reel Packaging, add a "TR" suffix to the end of the Part Number when ordering, e.g. HS92-02085TR or HS92-02085LFTR (for RoHS Compliant)
  - (2) Add a "LF" suffix to the Part Number for RoHS compliant parts, e.g. HS92-02085LF or HS92-02085LFTR (for Tape & Reel)
  - (3) Contact BI Technologies for RoHS compliant part availability.
  - (4) Tube Packaging only.
  - (5) IC to Cable side: C is Common Mode Choke, F is Low Pass Filter and T is Transformer
  - (6) Turns Ratio is IC to Cable side
  - (7) Operating Temperature Range: -40°C ~ +105°C

# DRAFT