



- 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
<del>HS00-01010</del>	<del>LF</del>	<del>1</del>	<del>T, C</del>	<del>T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
<del>HS00-01534</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
<del>HS00-01400</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T</del>	<del>1CT:1</del>	<del>1CT:1</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
<del>HS00-00100</del>	<del>LF</del>	<del>1</del>	<del>T, C</del>	<del>T</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
HS00-A1073	3	1	T, C	T, C	1:√2	1:1	16-pin SMT	100 mil	23.37	13.20	6.35	1500
<del>HS92-00020</del>	<del>LF</del>	<del>1</del>	<del>T, C</del>	<del>T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
<del>HS92-05100</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin SMT</del>	<del>100 mil</del>	<del>25.40</del>	<del>12.70</del>	<del>7.88</del>	<del>1500</del>
<del>HS00-00000</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin DIL</del>	<del>100 mil</del>	<del>20.20</del>	<del>10.10</del>	<del>6.50</del>	<del>2000</del>
<del>HS00-00000</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin DIL</del>	<del>100 mil</del>	<del>25.40</del>	<del>10.50</del>	<del>6.35</del>	<del>1500</del>
<del>HS00-90271</del>	<del>LF</del>	<del>1</del>	<del>T, C</del>	<del>T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin DIL</del>	<del>100 mil</del>	<del>20.20</del>	<del>10.10</del>	<del>6.50</del>	<del>1500</del>
<del>HS00-90270</del>	<del>LF</del>	<del>1</del>	<del>T, C</del>	<del>T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin DIL</del>	<del>100 mil</del>	<del>20.20</del>	<del>10.10</del>	<del>6.50</del>	<del>1500</del>
<del>HS00-00450</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1CT:1CT</del>	<del>1CT:1CT</del>	<del>16-pin DIL</del>	<del>100 mil</del>	<del>20.20</del>	<del>10.10</del>	<del>6.50</del>	<del>1500</del>
<del>HS00-00044</del>	<del>LF</del>	<del>1</del>	<del>F, T, C</del>	<del>F, T, C</del>	<del>1:1</del>	<del>1:1</del>	<del>40-pin Gull</del>	<del>100 mil</del>	<del>25.40</del>	<del>5.22</del>	<del>11.43</del>	<del>1500</del>
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