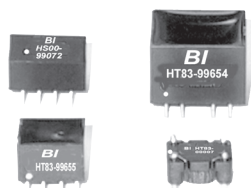


## Electrical / Environmental

# HT83

CMC for Networking & Telecom Products



- Conforms to ANSI, ITU and ETSI standards
- Meets standard dielectric withstanding voltage requirements
- 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> | No. of Lines | OCL (mH) |           |         | Packaging (mm) |       | Height | Hi-Pot (Vrms) |
|-------------------------|-------------------|--------------|----------|-----------|---------|----------------|-------|--------|---------------|
|                         |                   |              |          | Style     | Pitch   | Length         | Width |        |               |
| HT83-00007              | LF                | 2            | 4.7      | 4-pin SMT | -       | 10.00          | 8.76  | 6.50   | 500           |
| HT83-00787              | LF                | 2            | 9.0      | 8-pin SMT | 100 mil | 11.70          | 12.75 | 7.10   | 1500          |
| HT83-05088              | LF                | 2            | -        | 8-pin SMT | 100 mil | 11.70          | 12.75 | 7.10   | 1500          |
| HS00-99586              | <sup>3</sup>      | 4            | 0.100    | 8-pin SMT | 100 mil | 12.00          | 12.75 | 7.10   | 500           |
| HS00-98274              | <sup>3</sup>      | 4            | 0.036    | 8-pin SMT | 100 mil | 12.00          | 12.70 | 6.70   | 1500          |
| HS00-00230              | <sup>3</sup>      | 4            | 0.022    | 8-pin SMT | 100 mil | 12.10          | 15.30 | 8.64   | 500           |
| HS00-00229 <sup>4</sup> | <sup>3</sup>      | 4            | 0.068    | 8-pin TH  | 100 mil | 10.16          | 10.16 | 7.62   | 500           |
| HS00-99072 <sup>4</sup> | <sup>3</sup>      | 4            | 0.024    | 8-pin TH  | 100 mil | 15.11          | 12.20 | 7.62   | 1500          |
| HS00-99080 <sup>4</sup> | <sup>3</sup>      | 4            | 0.120    | 8-pin TH  | 100 mil | 12.70          | 10.00 | 6.78   | 500           |
| HT83-99655 <sup>4</sup> | <sup>3</sup>      | 4            | 0.024    | 8-pin TH  | 100 mil | 10.16          | 10.16 | 6.35   | 500           |

- Notes:
- (1) For Tape & Reel Packaging, add a "TR" suffix to the end of the Part Number when ordering
  - (2) Add a "LF" suffix to the Part Number for RoHS compliant parts
  - (3) Contact BI Technologies for RoHS compliant part availability.
  - (4) Tube Packaging only.

## Electrical / Environmental

# HS00

Digital Audio Products



- Meets the required 2000 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                  | RoHS <sup>1</sup> | Turns Ratio | Primary Inductance (mH ±20%) |           |         | Packaging (mm) |       | Height | Hi-Pot (Vrms) |
|-------------------------|-------------------|-------------|------------------------------|-----------|---------|----------------|-------|--------|---------------|
|                         |                   |             |                              | Style     | Pitch   | Length         | Width |        |               |
| HM00-97733 <sup>2</sup> | LF                | 1:1         | 2.50                         | 4-pin TH  | 200 mil | 12.7           | 8.89  | 6.35   | 2000          |
| HS00-99049              | LF                | 1:1         | 2.50                         | 8-pin SMD | 100 mil | 12.7           | 12.7  | 6.7    | 2000          |

- Notes:
- (1) Add a "LF" suffix to the Part Number for RoHS compliant parts.
  - (2) Tube Packaging only.