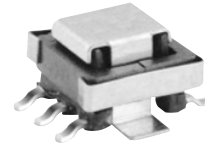


**Electrical / Environmental**

- Insulation Resistance, Minimum 10 MΩ
- Operating Temperature Range -25°C to + 105°C
- Insulation System Class B, 130°C

# HM33

Current Sense Surface Mount Transformers



**Specifications @ 25°C**

| Part Number   | Turns N1:N2 @ 10 kHz | Secondary Inductance μH Min. | Primary DCR mΩ Max. | Secondary DCR Ω Max. | Primary Amps Max. | Pin 1 Marking Color Code | H10XXXLF ID Code |
|---------------|----------------------|------------------------------|---------------------|----------------------|-------------------|--------------------------|------------------|
| HM33-10125LF  | 1:125                | 3000                         | 5.0                 | 7.36                 | 10                | White                    | -                |
| HM33-10100LF  | 1:100                | 2000                         | 5.0                 | 5.50                 | 10                | Black                    | -                |
| HM33-10070LF  | 1:70                 | 980                          | 5.0                 | 4.75                 | 10                | Yellow                   | -                |
| HM33-10050LF  | 1:50                 | 500                          | 5.0                 | 2.50                 | 10                | Green                    | -                |
| HM33-10040LF  | 1:40                 | 320                          | 5.0                 | 1.35                 | 10                | Blue                     | -                |
| HM33-10030LF  | 1:30                 | 180                          | 5.0                 | 1.00                 | 10                | Red                      | -                |
| HM33-H10125LF | 1:125                | 3000                         | 0.75                | 7.36                 | 20                | White                    | A                |
| HM33-H10100LF | 1:100                | 2000                         | 0.75                | 5.50                 | 20                | Black                    | B                |
| HM33-H10070LF | 1:70                 | 980                          | 0.75                | 4.75                 | 20                | Yellow                   | C                |
| HM33-H10050LF | 1:50                 | 500                          | 0.75                | 2.50                 | 20                | Green                    | D                |
| HM33-H10040LF | 1:40                 | 320                          | 0.75                | 1.35                 | 20                | Blue                     | E                |
| HM33-H10030LF | 1:30                 | 180                          | 0.75                | 1.00                 | 20                | Red                      | F                |

**Outline Dimensions (Inch/mm)**

