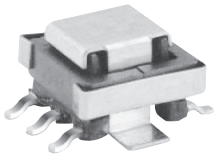
Electrical / Environmental

HM33



RoHS Compliant

Current Sense Surface Mount Transformers

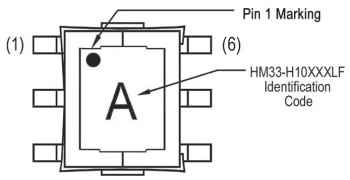
- Insulation Resistance, Minimum — 10 MΩ
- Operating Temperature Range — -25°C to + 105°C
- Insulation System — Class B, 130°C

Specifications @ 25°C

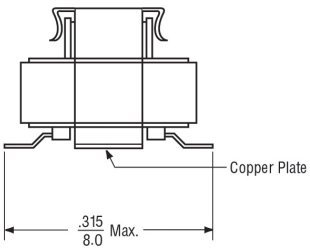
Part Number	Turns N1:N2 @ 10 kHz	Secondary Inductance µH Min.	Primary DCR mΩ Max.	Secondary DCR Ω Max.	Primary Amps Max.	Pin 1 Marking Color Code	H10XXXLF ID Code
HM33-10125LF	1:125	3000	5.0	7.36	6	White	-
HM33-10100LF	1:100	2000	5.0	5.50	6	Black	-
HM33-10070LF	1:70	980	5.0	4.75	6	Yellow	-
HM33-10050LF	1:50	500	5.0	2.50	6	Green	-
HM33-10040LF	1:40	320	5.0	1.35	6	Blue	-
HM33-10030LF	1:30	180	5.0	1.00	6	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)

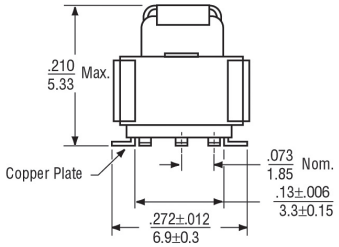
Top View



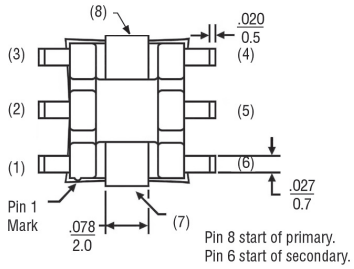
Side View



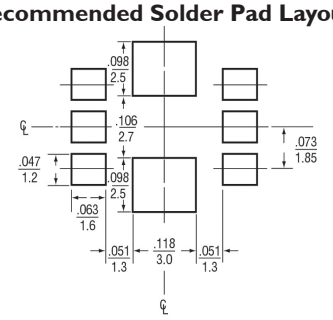
Side View



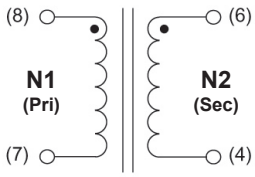
Bottom View



Recommended Solder Pad Layout



Schematic



Ordering Information

HM33 H10 125 LF TR

- HM33 — Model Series
- H10 — Style (10 - Standard, H10 - High Current)
- 125 — Turns Ratio
- LF — Lead-Free
- TR — Tape & 13" Reel (750 Units/Reel)

We reserve the right to change specifications without prior notice.