






Features

-  TOROID SMD Platform
-  RoHS Compliant Product
-  Operating temperature: -40 °C~125 °C
-  AEC-Q200 Qualified (To be tested)
-  Creepage distance 8.2mm Min

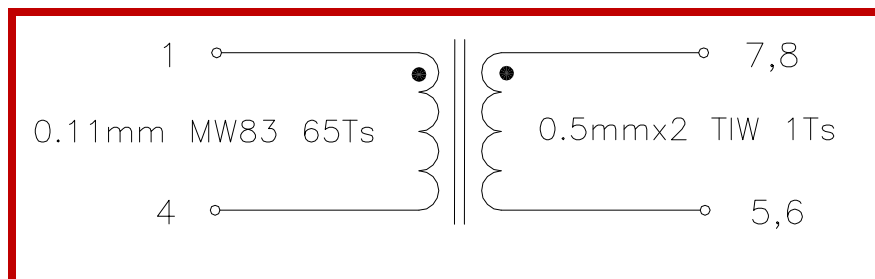
Electrical Specifications @+25 °C

Part Number	Application	Turn Ratio		Primary Secondary Isolation	Primary Inductance (mH MIN)	Leakage ¹ Inductance (uH Max)	DCR (Ω MAX)	Impulse Test ²
		Pri	Sec				Sec	Pri to Sec
M1807 M1	Current Sense Transformer Primary Current:0~10Apeak	1	65	4400Vdc, 6 Seconds	2.0	150.0	1.62	6000V, 1.2/50uS

Notes:

1. Leakage inductance is measured on secondary winding (1-4) with primary winding (7,8-5,6) shorted.
2. Impulse test is only Type Test during prototype sample phase.
3. Add suffix "T" to part number for Tape & Reel package (ie: M1807T)

Schematic



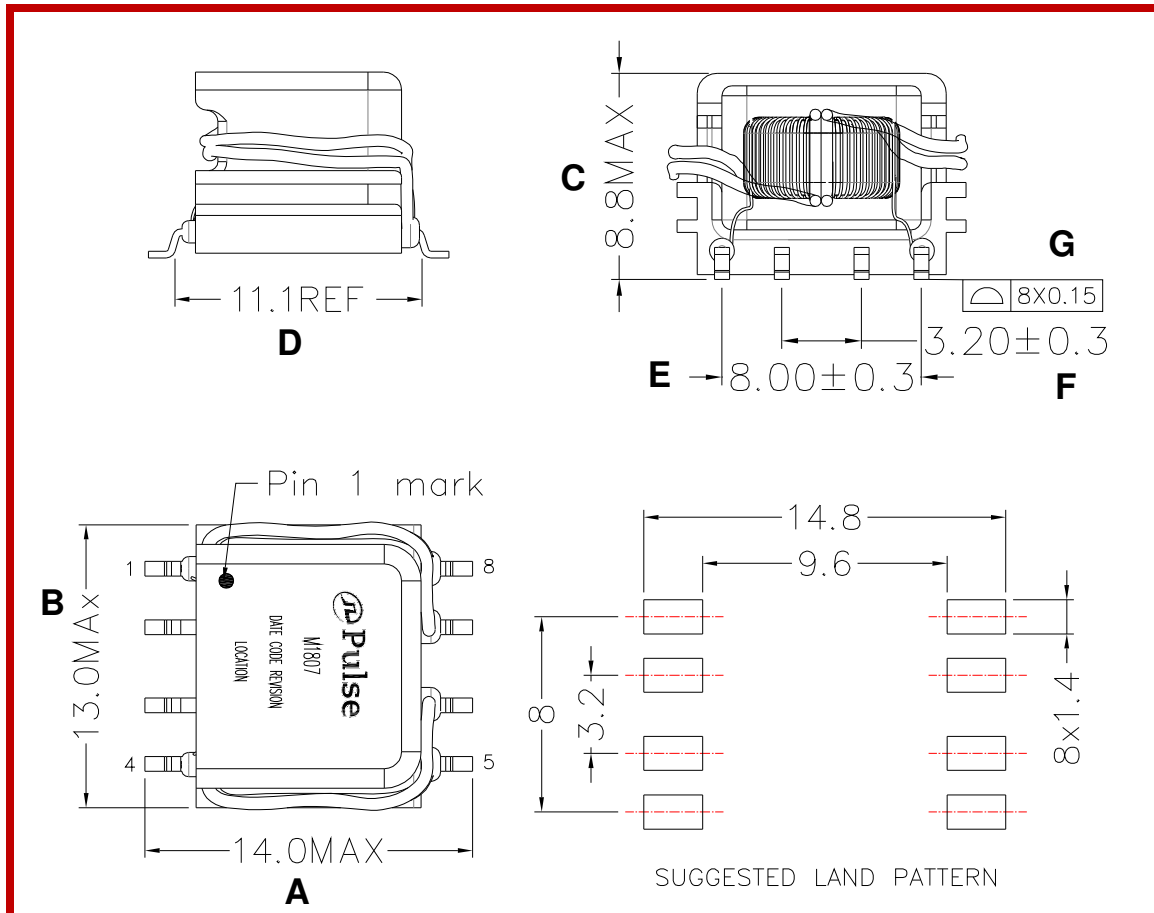
Automotive

Mechanical Outlines

Dimensions: mm

Unless otherwise specified

All dimensions are ± 0.13



Packing Information

- Type: Tape & Reel
- Quantities per reel: 230 PCs
- Reels per box: 5 PCs
- Unit Weight: 1.23g