

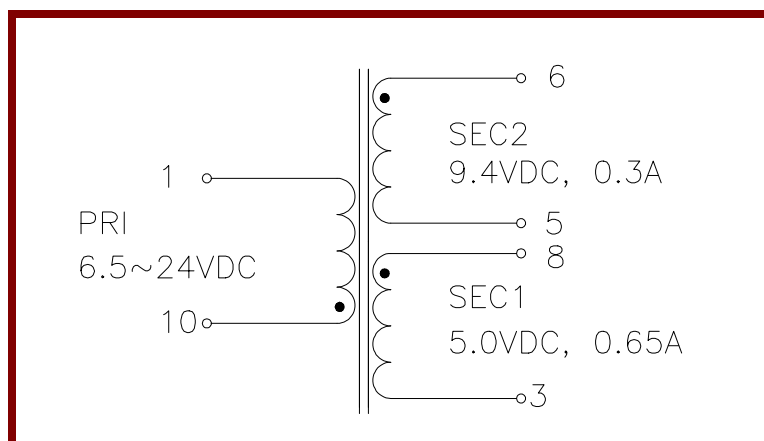
### Features

- Ⓢ EP13 SMD Platform
- Ⓢ RoHS Compliant Product
- Ⓢ Operating temperature: -40 °C~125 °C
- Ⓢ AEC-Q200 Qualified except ESD and Vibration
- Ⓢ Build in TS16949 facility

### Electrical Specifications @+25°C

| Part Number | Application  | Turn Ratio |      |      | Primary Secondary Isolation | Primary Inductance (uH ±8%) | Leakage Inductance (uH MAX) | DCR (mΩ MAX) |      |      |
|-------------|--|------------|------|------|-----------------------------|-----------------------------|-----------------------------|--------------|------|------|
|             |  | Pri        | Sec1 | Sec2 |                             |                             |                             | Pri          | Sec1 | Sec2 |
| M1402 M1    | 6W Flyback Transformer<br>Freq=100kHz<br>Input: 6.5-24Vdc<br>Vout1=5Vdc, 0.65A<br>Vout2=9.4Vdc, 0.3A | 8          | 7    | 13   | 600Vdc,<br>2 Seconds        | 4.05                        | 0.15                        | 25           | 20   | 200  |

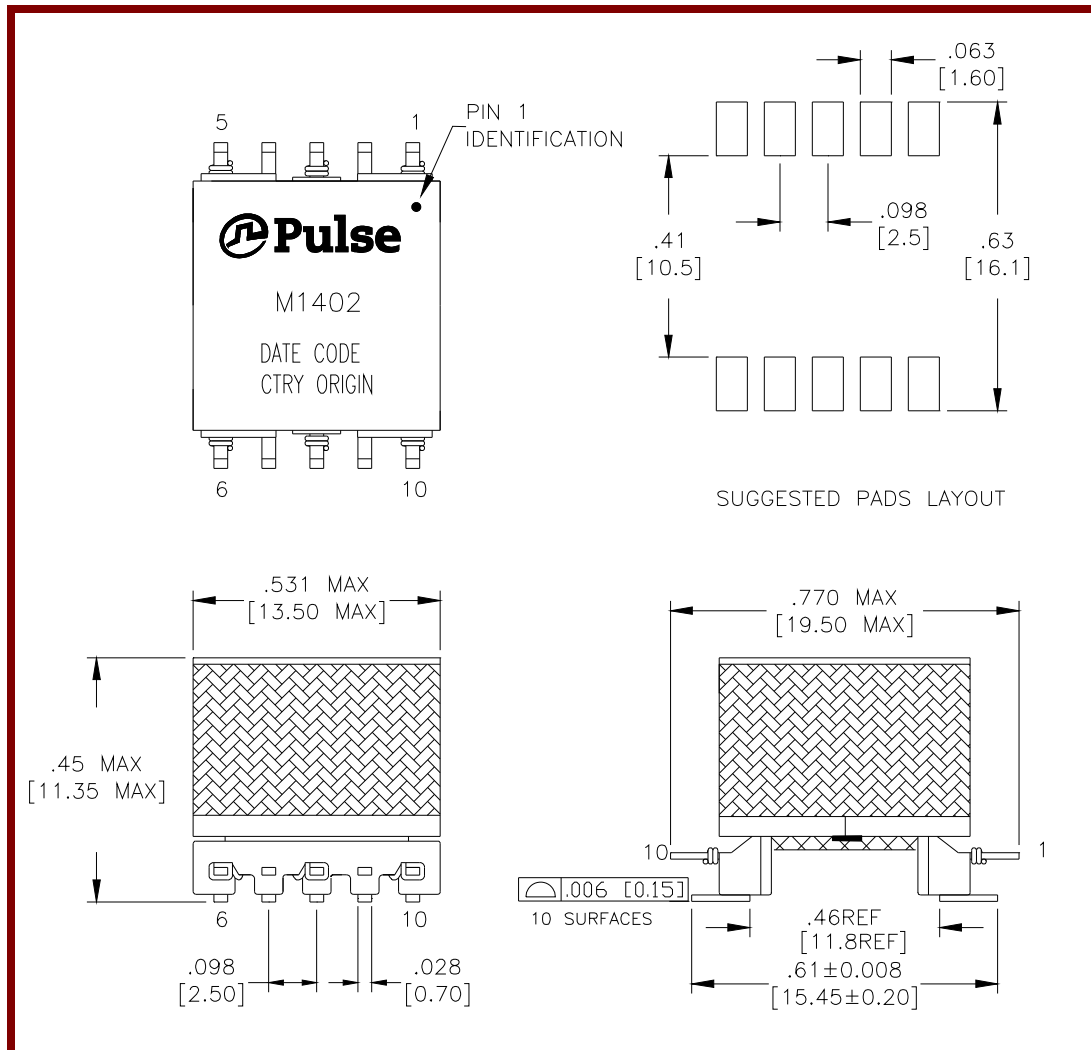
### Schematic



## Automotive

### Mechanical Outlines

Dimensions  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified  
 All dimensions are  $\pm \frac{0.005}{0.13}$



### Packing Information

- Type: Tape & Reel
- Quantities per reel: 150PCs
- Reels per box: 3PCs
- Unit Weight: 5.63g