FEATURES

- Pulse transformer for battery management system
- Reinforced insulation at 3kV in pollution degree 2
- Creepage distance > 8mm
- ETmax product of 11Vµs across each half primary
- Maximum current 150mA
- Wide operating temperature range -40 to +125°C
- UL94 and RoHS materials
- AEC-Q200 qualified
- Weight: approx 2grams
- Tape&Reel packaging 13” W24mm

APPLICATIONS

- Automotive BMS in onboard battery chargers

INDUCTANCE at 25°C

| L1-3 (100kHz/10mVac) | 430µH ±25% |
| L4-6 (100kHz/10mVac) | 713µH ±25% |

TURN-RATIO

N1-2 : N2-3 : N4-5 : N5-4 | 1:1:1.29:1.29 |

DC RESISTANCE at 25°C

DCR1-2 | 0.38Ω MAX |
DCR4-5 | 0.38Ω MAX |

INSULATION RESISTANCE

RINS Prim/Sec (500Vdc) | > 1GΩ |

DIELECTRIC STRENGTH

DW Prim/Sac | 3kVac (50Hz/1mA/1min) |

Between Windings | 500Vac (50Hz/3mA/1min) |