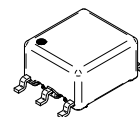


- Low profile surface mount package
- Functional or Reinforced Insulation
- Output Current :600mAAC
- Input Voltage:5V
- Output Voltage:5V
- Switching Frequency:2300-620kHz
- Voltage- $\mu$ Second:11Vus
- Operating Temperature: -40℃ to +125℃
- Storage Conditions (in original packaging): 5℃ up to 40℃; < 75 % rH
- Component Qualification : AEC-Q200 Grade 1

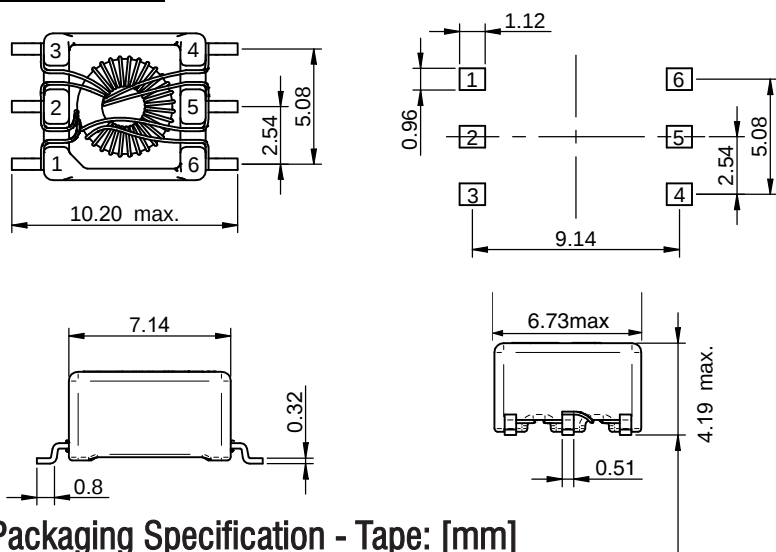


T0609S

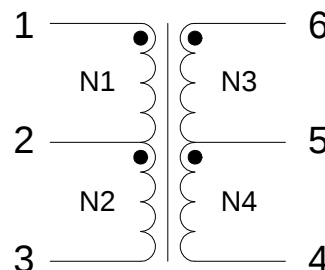
## Electrical Specification @25℃

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Inductance:               | $N1 + N2 = 475\mu\text{H min. @10kHz/100mVAC}$       |
| DCR:                      | $0.31\Omega \text{ Max. (N1 + N2/20}^\circ\text{C)}$ |
| DCR:                      | $0.37\Omega \text{ Max (N3 + N4/20}^\circ\text{C)}$  |
| Insulation Test Voltage : | 2500VAC(N1,2 => N3,4)                                |
| Turn Ratio:               | $(N1 + N2):(N3 + N4):= 1:1.3 \pm 2\%$                |
| Interwinding Capacitance: | 12.5pF (N1 + N2 => N3 + N4/ 100kHz/ 10mVAC/ Cs)      |

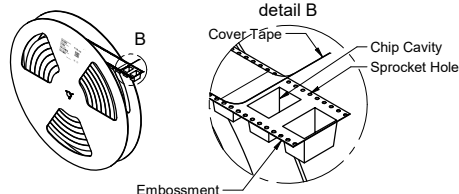
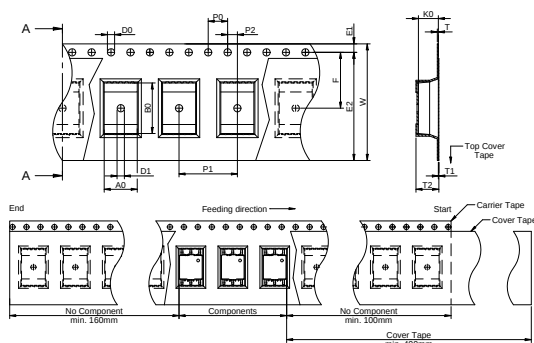
## Dimensions



## Schematic



## Packaging Specification - Tape: [mm]



| Tape Type | A0 (mm) | B0 (mm) | W (mm) | T (mm) | T1 (mm) | T2 (mm) | R0 (mm) | P0 (mm) | P1 (mm) | P2 (mm) | D0 (mm) | D1 (mm) | E1 (mm) | E2 (mm) | F (mm) | Material    | Qty. (pcs) |
|-----------|---------|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-------------|------------|
| 2a        | 8.80    | 16.40   | 24.00  | 10.50  | 10.05   | 4.80    | 4.10    | 4.00    | 12.00   | 2.00    | 1.50    | 1.50    | 1.75    | 22.25   | 11.50  | Polystyrene | 1200       |

1. units/reel:1200PCS
2. reel/carton:5PCS
3. units/carton :6000PCS

(Units: mm, Unless otherwise specified, all tolerances are  $\pm 0.05\text{mm}$ )