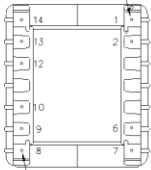


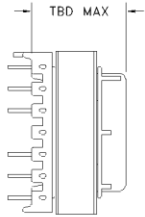
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)--FREE |
|-------------------|------|----------------|
| Sn 96%, Ag 4%     | Yes  | Yes            |



TERM. NO.'s FOR REF. ONLY

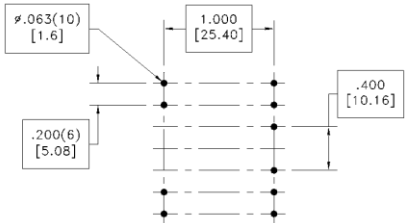
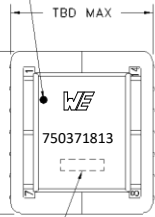


Ø.028(10)  
[.70]

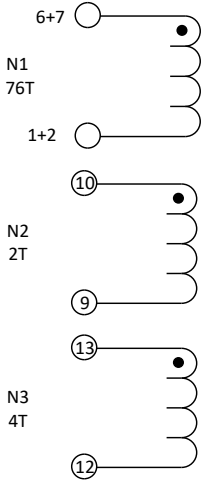


LOT CODE & DATE CODE

DOT LOCATES TERM. #1



RECOMMENDED  
P.C. PATTERN, COMPONENT SIDE



Application of the transformer allows for the leadwires between terminals 6&7 and 1&2 to solder bridge.

Customer to tie terminals 6+7 and 1+2 on PC board.

Wire insulation & RoHS status not affected by wire color. Wire insulation color may vary depending on availability. Marking method, font and color may vary on preproduction samples.

#### ELECTRICAL SPECIFICATIONS @ 25° C unless otherwise noted:

| PARAMETER               | TEST CONDITIONS                            | VALUE           |
|-------------------------|--------------------------------------------|-----------------|
| D.C. RESISTANCE         | 6-1 tie(6+7,1+2), @20°C                    | 0.256 ohms ±10% |
| D.C. RESISTANCE         | 10-9 @20°C                                 | 0.031 ohms ±20% |
| D.C. RESISTANCE         | 13-12 @20°C                                | 0.057 ohms ±20% |
| INDUCTANCE              | 6-1 tie(6+7,1+2),10kHz, 100mV, Ls          | 589.00µH ±10%   |
| SATURATION CURRENT      | 6-1 tie(6+7,1+2), 20% rolloff from initial | 3A typ.         |
| DISTRIBUTED CAPACITANCE | 6-1 tie(6+7,1+2),100mVAC, Cs               | 8.0pF typ.      |
| DIELECTRIC              | 7-10 tie(6+7), 1000VAC, 1 second           |                 |
| DIELECTRIC              | 10-12 1000VAC, 1 second                    |                 |
| URNS RATIO              | (6-1):(10-9), tie(6+7, 1+2)                | 38:1            |
| URNS RATIO              | (6-1):(13-12), tie(6+7, 1+2)               | 19:1            |

#### GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

Safety standard undefined

Tooling Required  
Preliminary

|      |           |                          |                                                                                                             |                                                                              |                                      |                            |
|------|-----------|--------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------|----------------------------|
| DFM  | SP        | Packaging Specifications | <br>CONVENTION PLACEMENT | Tolerances unless otherwise specified:                                       | DRAWING TITLE<br><br><b>INDUCTOR</b> | PART NO.                   |
| DATE | 3/7/2024  | Method: Tray             |                                                                                                             | Angles: ±1°      Decimals: ±.005 [.13]                                       |                                      | <b>750371813</b>           |
| ENG  | ALD       | PKG-0983                 |                                                                                                             | Fractions: ±1/64    Footprint: ± .001 [.03]                                  |                                      |                            |
| REV. | 00        |                          |                                                                                                             | This drawing is dual dimensioned. Dimensions in brackets are in millimeters. |                                      |                            |
| DATE | 7/23/2024 | www.we-online.com/midcom |                                                                                                             |                                                                              |                                      | SPECIFICATION SHEET 1 OF 1 |