more than you expect

WÜRTH ELEKTRONIK

TERM. NO.'s FOR REF. ONLY

DOT LOCATES TERM. #1

-A- ⬡ .004[.10]

.435 MAX.
[11.05]

.607 MAX.
[15.41]

.410 REF.
[10.41]

.485 MAX.
[12.32]

WE

750315240

LOT CODE & DATE CODE

.016 x .032(6)
[.41 x .81]

1:1.1

① ⎯ ⑥
② ⎯ ⑤
③ ⎯ ④

AREA REPRESENTS
TERMINAL PAD DIMENSIONS

.541
[13.74]

.035(6)
[.89]

.038(6)
[.97]

.150(4)
[3.81]

.055 REF.(6)
[1.40]

.075 REF.(6)
[1.90]

REFERENCE LAND SIZE

CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3	@20°C	0.150 ohms max.
D.C. RESISTANCE	6-4	@20°C	0.150 ohms max.
INDUCTANCE	1-2	100kHz, 10mVAC, Ls	110uH min.
INDUCTANCE	2-3	100kHz, 10mVAC, Ls	110uH min.
CAPACITANCE	1-6	100kHz, 100mVAC, Cs	18pF max.
DIELECTRIC	1-6	6250Vrms, 1 second	5000Vrms, 1 minute
TURNS RATIO		(6-4):(1-3)	1.1:1, ±2%

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

CURRENT RATING: 1A

VOLTAGE-TIME: 23VuS
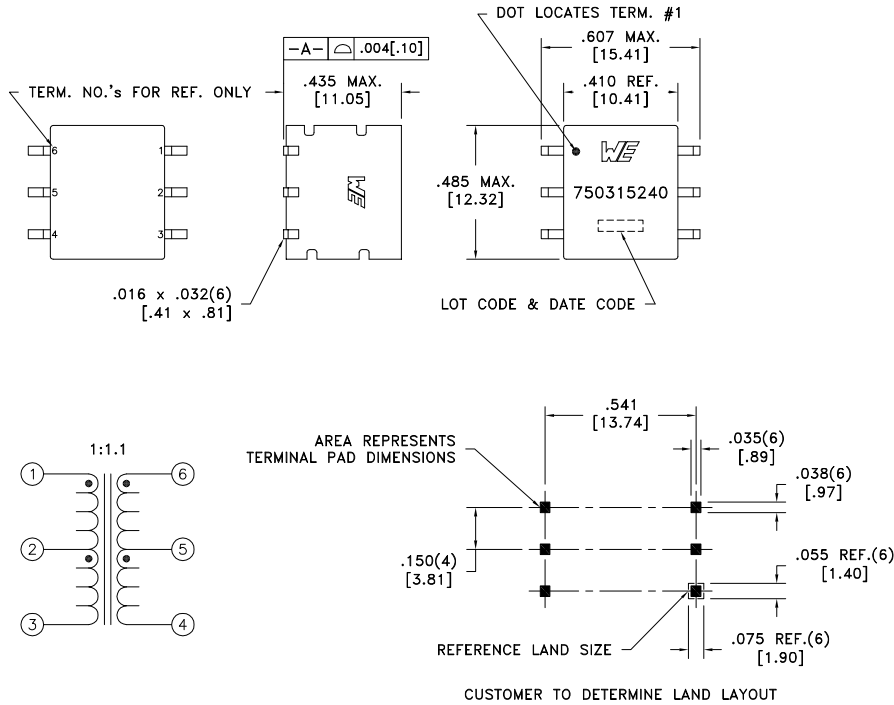
SWITCHING FREQUENCY: 150kHz min.

10mm min. creepage and clearance between PRI & SEC.

Designed to comply with the following requirements as defined by IEC60601-1(ed): am1
- Providing two means of Patient Protection up to a working voltage of 250VAC.

Designed to comply with the following requirements as defined by IEC60950-1,
EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Reinforced insulation for a primary circuit at a working voltage of 250VAC,
  Overvoltage Category II, Pollution Degree 2, up to 2km above sea level.

Designed to comply with the following requirements as defined by IEC60664-1:
- Reinforced insulation for a primary circuit at a working voltage of 400VAC,
  up to 2km above sea level.

COPLANARITY: All 6 terminals must lie on a plane within .004 [.10]
               of Surface A after lead tinning.

Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.