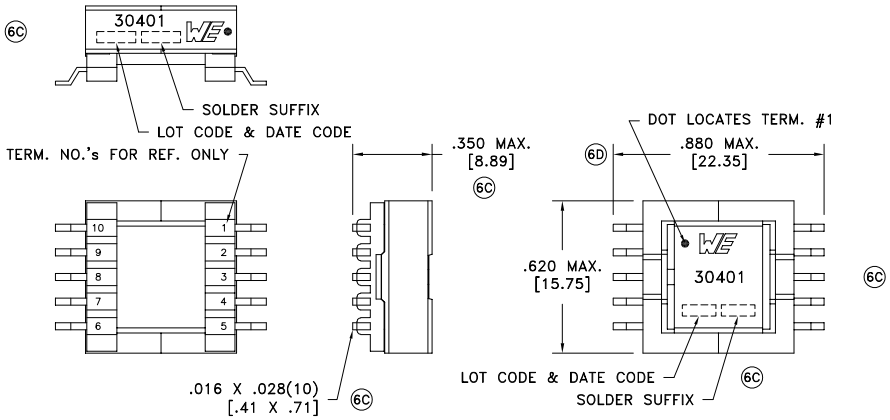
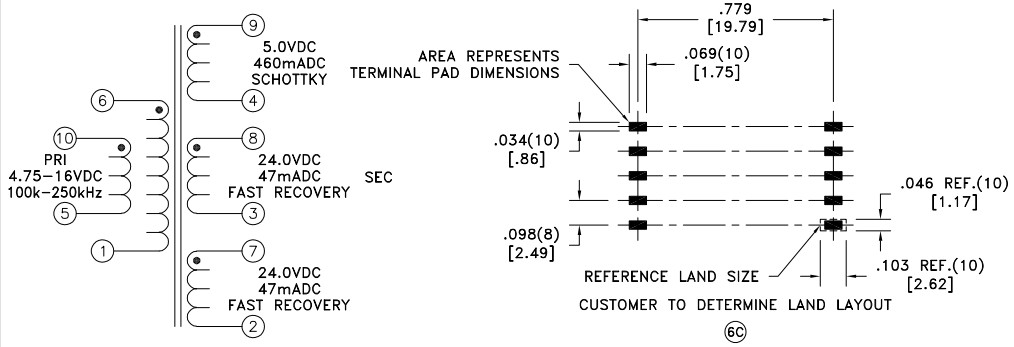
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE (6C)
Sn96%, Ag4%	Yes	Yes

more than you expect

WÜRTH ELEKTRONIK

ALTERNATE MARKING DETAIL





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C):	6−1, 0.082 ohms max. 9−4, 0.096 ohms max. 8−3, 4.810 ohms max. 7−2, 5.010 ohms max. 10−5, 0.107 ohms max.
DIELECTRIC RATING:	500VAC, 1 minute tested by applying 625VAC for 1 second between PRI−SEC.
INDUCTANCE:	10.65uH ±5%, 10kHz, 100mVAC, 6−1, Ls.
LEAKAGE INDUCTANCE:	226nH typ., 100kHz, 100mVAC, 6−1(tie 9+4, 8+3, 7+2, 10+6, 1+5), Ls.
(6C) TURNS RATIO:	(9−4):(6−1) = 1.1:1, ±1%. (8−3):(6−1) = 4.95:1, ±1%. (7−2):(6−1) = 4.95:1, ±1%. (6−1):(10−5) = 1:1, ±1%.

(6C) OPERATING TEMPERATURE RANGE: −40°C to +125°C including temp rise.

TRANSFORMER INFORMATION:

Pout max.:	4.55W
Pout min.:	2.48W
Estimated Temp. Rise @ Pout max.:	35.0°C
Estimated Efficiency:	71.5%
Estimated Maximum Duty Cycle:	54.7%

SWITCH SELECTION INFORMATION

Input Voltage Range:	4.75 − 16V
Peak Current:	3.8A
Vsw @ Rated Output Voltages:	26 + (Vmax − 16)
Operating Frequency:	100k − 250kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min.
Pout min. varies with frequency of switcher (from 100 to 250kHz) Pout Min = 248.0/(Frequency in kHz) Watts.

(6D) Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.

(6C) DETAILS SUBJECT TO CHANGE

REV.	DATE
6D	6/20
6C	3/11
6B	6/98
6A	8/97

Packaging Specifications
Method: Tape & Reel
PKG−0222
www.we−online.com/midcom
SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.005 [.13]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER

eiSos p/n: 750030401

compliant RoHS

PART NO. (6C)
30401R-LF1

SPECIFICATION SHEET 1 OF 1