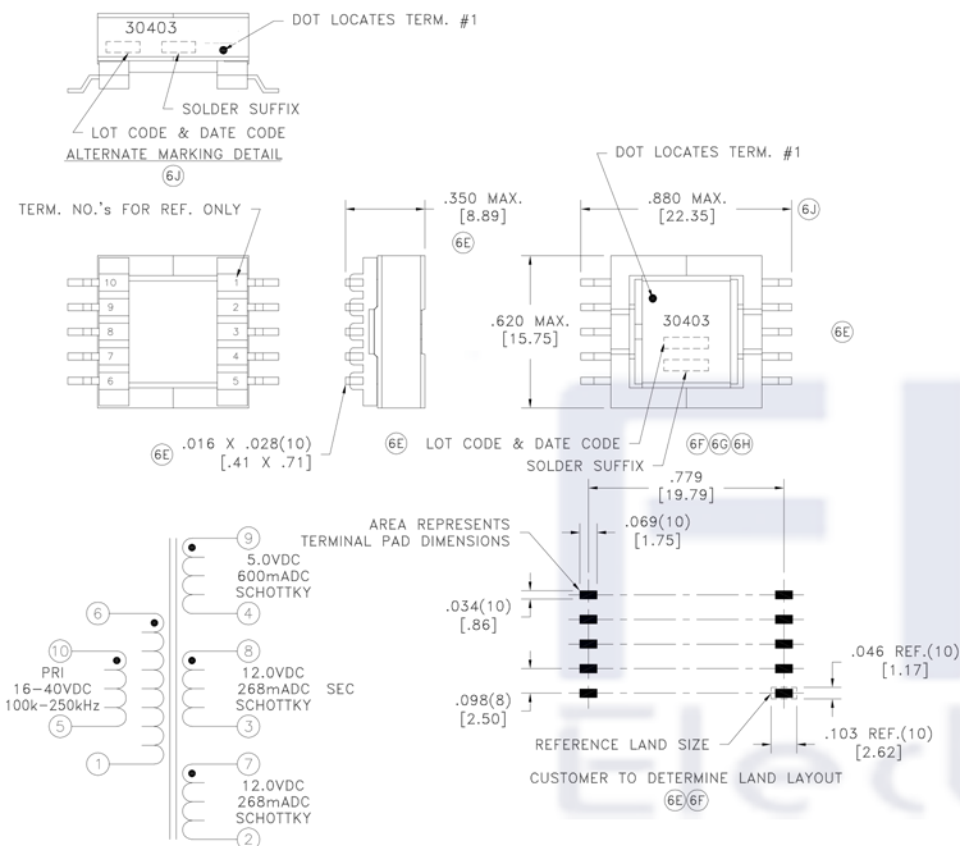


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6G(6J)
LF1	Sn96%, Ag4%	Yes	Yes	



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	6-1 @20°C	0.149 ohms max.
D.C. RESISTANCE	9-4 @20°C	0.093 ohms max.
D.C. RESISTANCE	8-3 @20°C	0.400 ohms max.
D.C. RESISTANCE	7-2 @20°C	0.380 ohms max.
D.C. RESISTANCE	10-5 @20°C	0.189 ohms max.
INDUCTANCE	6-1 10kHz, 100mVAC, Ls	32.3uH ±5%
LEAKAGE INDUCTANCE	6-1 tie(9+4, 8+3, 7+2, 10+6, 1+5), 100kHz, 100mVAC, Ls	450nH typ.
DIELECTRIC	PRI-SEC 625VAC, 1 second	500VAC, 1 minute
URNS RATIO	(1-6):(9-4)	1.733:1, ±1%
URNS RATIO	(8-3):(1-6)	1.31:1, ±1%
URNS RATIO	(7-2):(1-6)	1.31:1, ±1%
URNS RATIO	(1-6):(10-5)	1:1, ±1%

GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

Pout max.: 9.00W
Pout min.: 4.85W
Estimated Temp. Rise @ Pout max.: 40.0°C
Estimated Efficiency: 77.8%
Estimated Maximum Duty Cycle: 39.6%

SWITCH SELECTION INFORMATION

Input Voltage Range: 16-40V
Peak Current: 2.854A
Vsw @ Rated Output Voltages: 58 + (Vmax - 40)
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 = 485.0/(Frequency in kHz) Watts.

Midcom p/n 30403R-LF1 is eiSos p/n: 750030403.

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

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 [.13] Footprint: ±.005 [.13]	DRAWING TITLE TRANSFORMER	PART NO. FKS30403R-LF1
6J	12/18	Method: Tape & Reel PKG-0222		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750030403	
6H	2/12					
6G	11/10					
6F	6/08					



SPECIFICATION SHEET 1 OF 1