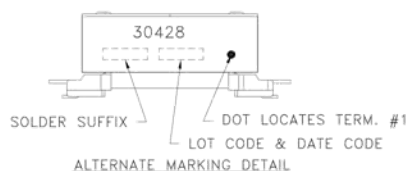


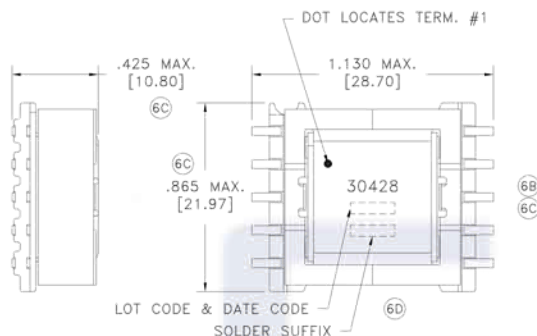
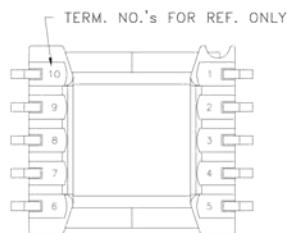
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF3	Sn100%	Yes	Yes



6B/6C

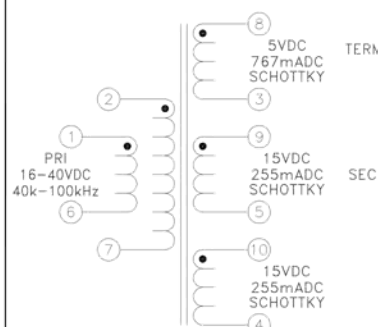


6C



6B

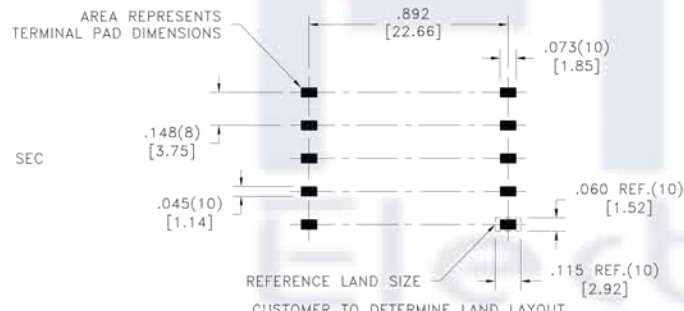
6C



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

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

6F



6C/6D

6F/6E ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
6F/6E D.C. RESISTANCE	1-7	tie(1+2, 6+7), @20°C
D.C. RESISTANCE	8-3	@20°C
6E D.C. RESISTANCE	9-5	@20°C
6E D.C. RESISTANCE	10-4	@20°C
INDUCTANCE	2-7	10kHz, 100mVAC, Ls
LEAKAGE INDUCTANCE	2-7	tie(9+5, 8+3, 7+6, 10+4, 1+2), 100kHz, 100mVAC, Ls
DIELECTRIC	PRI-SEC	625VAC, 1 second
URNS RATIO		(2-7):(8-3)
6DURNS RATIO		(9-5):(2-7)
6DURNS RATIO		(10-4):(2-7)
URNS RATIO		(2-7):(1-6)

GENERAL SPECIFICATIONS:

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

TRANSFORMER INFORMATION:

Pout max.: 11.5W
Pout min.: 7.39W
Estimated Temp. Rise @ Pout max.: 27.8°C
Estimated Efficiency: 79.1%
Estimated Maximum Duty Cycle: 33.9%

SWITCH SELECTION INFORMATION

Input Voltage Range: 16-40V
Peak Current: 4.7A
Vsw @ Rated Output Voltages: 48 + (Vmax - 40)
Operating Frequency: 40k-100kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min.
Pout min. varies with frequency of switcher (from 40 to 100kHz)
Pout Min = 739.0/(Frequency in kHz) Watts.

6F 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
6G	3/19	Method: Tape & Reel
6F	10/18	PKG-0267
6E	1/18	
6D	2/11	



Tolerances unless otherwise specified:
Angles: $\pm 1^\circ$
Decimals: $\pm .005$ [.13]
Fractions: $\pm 1/64$
Footprint: $\pm .005$ [.13]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE

TRANSFORMER

eiSos p/n: FKS750030428



PART NO.

FKS30428R-LF3

SPECIFICATION SHEET 1 OF 1

6C/6D