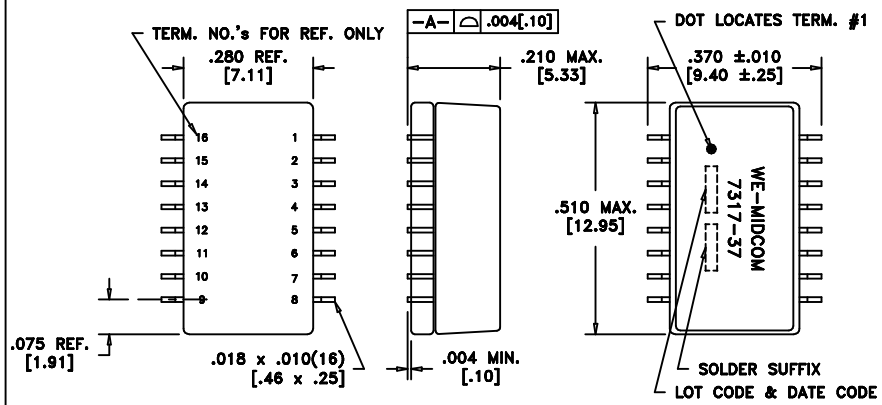
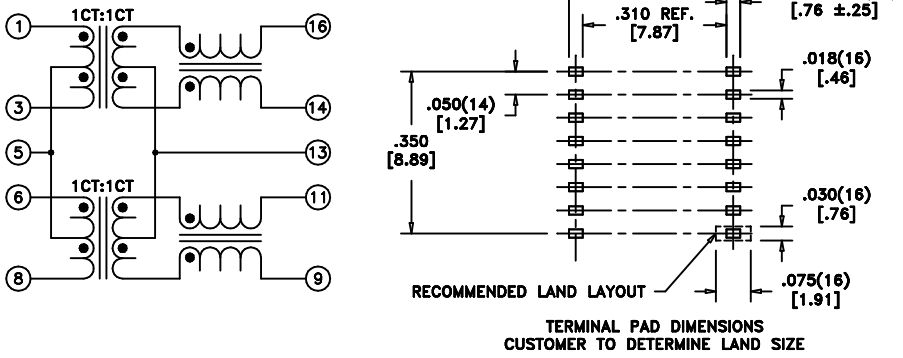
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn96%, Ag4%	Yes	No





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3	@20°C	0.75 ohms max.
D.C. RESISTANCE	6-8	@20°C	0.75 ohms max.
D.C. RESISTANCE	11-9	@20°C	1.20 ohms max.
D.C. RESISTANCE	16-14	@20°C	1.20 ohms max.
INDUCTANCE	16-14	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	11-9	100kHz, 100mVAC, 8mADC, Lp	350uH min.
DIELECTRIC	1-16	1800Vrms, 1 second	1500Vrms, 1 minute
TURNS RATIO		(1-3):(16-14)	1:1, ±2%
TURNS RATIO		(6-8):(11-9)	1:1, ±2%
INSERTION LOSS		300k - 100MHz	-1.1dB max.
RETURN LOSS		500k - 30MHz	-18dB min.
RETURN LOSS		30M - 45MHz	-16dB min.
RETURN LOSS		45M - 60MHz	-14dB min.
RETURN LOSS		60M - 80MHz	-12dB min.
CROSSTALK		1M - 100MHz	-35dB min.
DCMR		500k - 100MHz	-30dB min.
CMRR		500k - 100MHz	-30dB min.

GENERAL SPECIFICATIONS:
OPERATING TEMPERATURE RANGE: 0°C to +70°C.

COPLANARITY: All 16 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

REV.	DATE
6A	7/08

Packaging Specifications
Method: Tape & Reel
PKG-0339
www.midcom-inc.com

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.005[.127]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
PDSO-G16
eiSos p/n: 7490100119

Midcom-WE
www.midcom-inc.com

DRAWING NO.
000-7317-37R-LF1

REVISIONS: SEE SHEET 1
SCALE ---
SHEET 2 OF 6