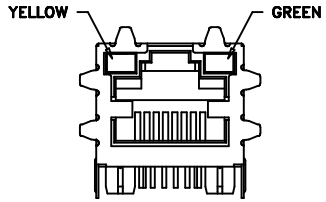
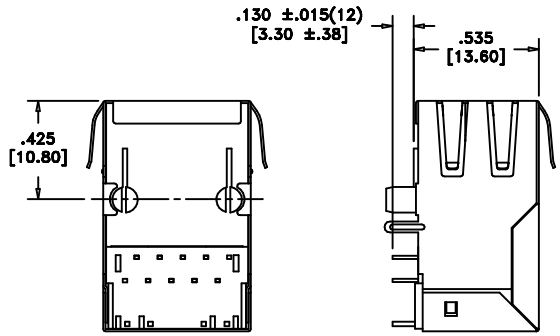
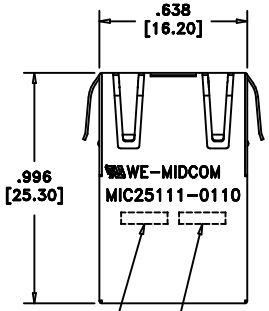
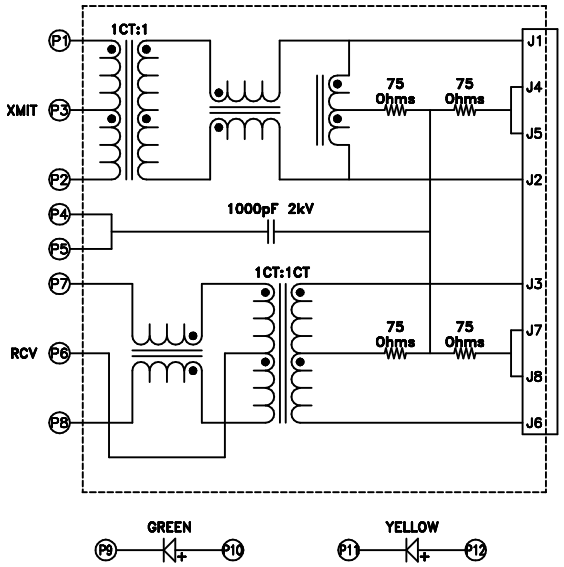
SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
LF3	Sn100%	Yes	Yes

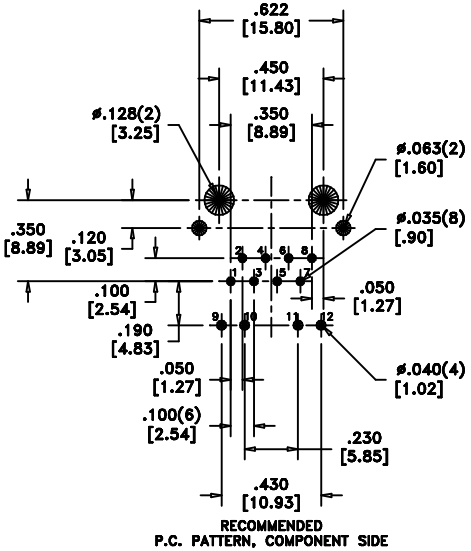
compliant Rated WE–MIDCOM











ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
INDUCTANCE	J1–J2	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	J3–J6	100kHz, 100mVAC, 8mADC, Lp	350uH min.
DIELECTRIC	P1–J1	tie(P1+P8)	1500Vrms, 1 minute
TURNS RATIO		(P1–P2):(J1–J2)	1:1, ±2%
TURNS RATIO		(P7–P8):(J3–J6)	1:1, ±2%
INSERTION LOSS		1M – 100MHz	–1.0dB max.
RETURN LOSS		1M – 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.
COMMON MODE REJECTION		1M – 100MHz	–35dB min.

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

Designed for 10/100BASE–T application.

REV.	DATE
6A	6/08

AGENCY NUMBER	
UL60950–1	E205930

Packaging Specifications

Method: Tube
PKG–0549
www.midcom–inc.com

Unless otherwise specified:
Tolerances: Fractions: ±1/64
Angles: ±1° Decimals: ±.010[.25]

This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
RJ45–T8
eiSos p/n: 74990111210

Midcom–WE
www.midcom–inc.com

REVISIONS: SEE SHEET 1

DRAWING NO.
MIC25111–0110T–LF3

SCALE ---