

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

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

INDUCTANCE:

350uH min., 100kHz, 100mV, 8mA DC, J1-J2; J3-J6, I_p .

DIELECTRIC RATING:

1500VRms for 1 minute between P1-J1(tie P2+P5, J2+J3).

TURN S RATIO/POLARITY:

$(P1-P2)/(J3-J6) = 1:1, \pm 2\%$.
 $(P5-P6)/(J1-J2) = 1:1, \pm 2\%$.

INSERTION LOSS:

-1.0dB max., 1MHz - 10MHz.

RETURN LOSS:

-18dB min., 1M - 30MHz.
-16dB min., 30M - 45MHz.
-14dB min., 45M - 60MHz.
-12dB min., 60M - 80MHz.

CROSSTALK:

-35dB min., 1MHz - 100MHz.

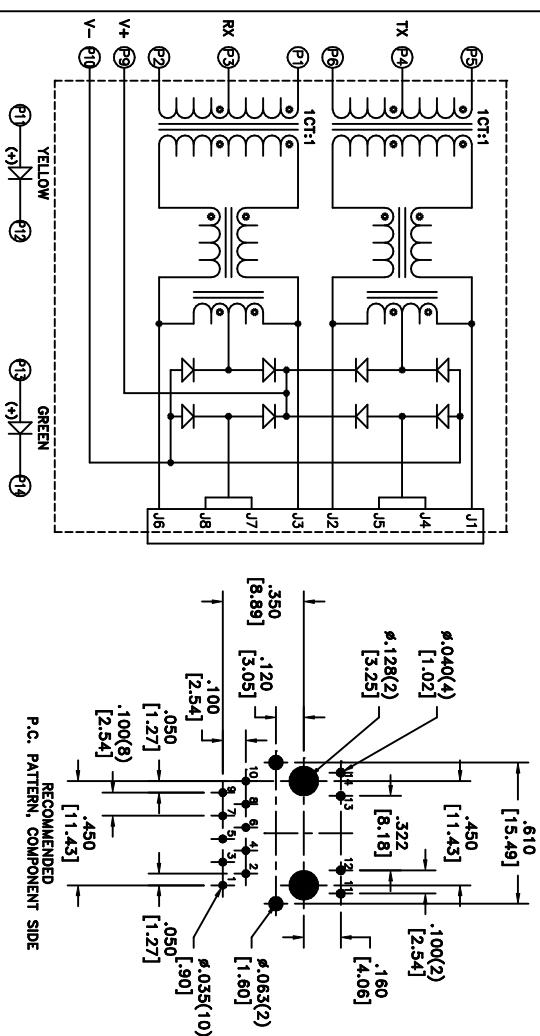
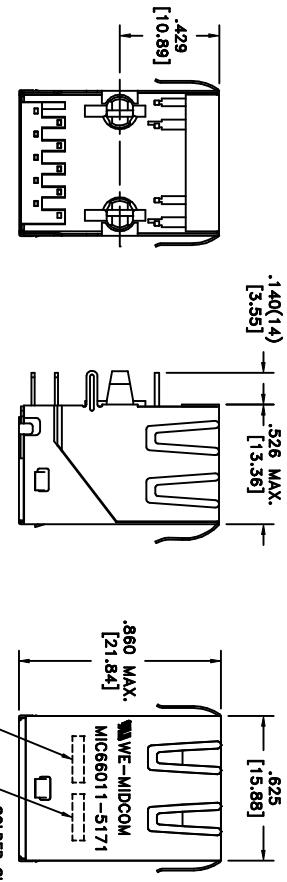
COMMON MODE REJECTION:

-35dB min., 1MHz - 100MHz.

OPERATING TEMPERATURE RANGE:

-40°C to +85°C.

Designed to handle 350mA DC and meet 8002.3af.



Midcom, Inc.

Watertown, SD USA

Toll Free: 800-643-2661

Fax: 605-886-4486

Unless otherwise specified:
Tolerances: Fractions: $\pm 1/64$
Angles: $\pm 1^\circ$. Decimals: ± 0.01 [25]

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

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TRANSFORMER

10/100Mbps PoE

DRAWING NO.

MIC66011-5171-LF3

REV.

6C

2/07

E205530

AGENCY NUMBER

UL60950-1

E205530

Mouser Electronics

Authorized Distributor

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