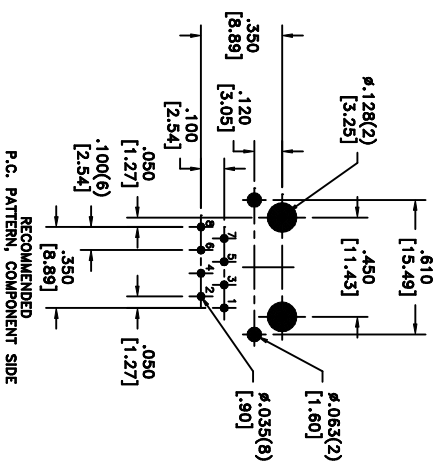
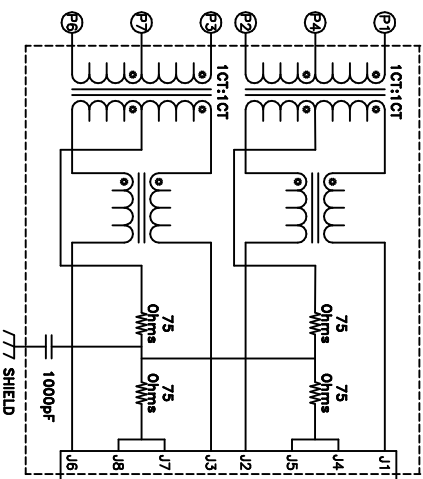
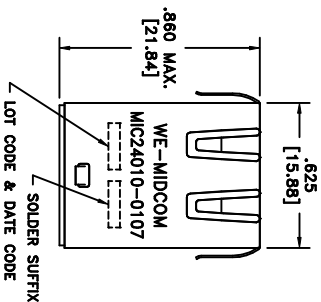
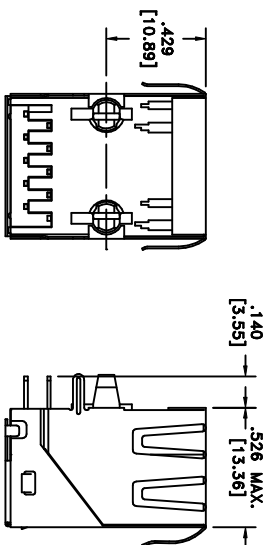
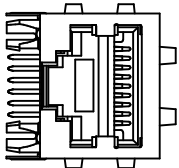


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF3	SM100X	Yes	Yes



RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- INDUCTANCE: 350nH min., 100kHz, 100mV, 6mADC, J1-J2; J3-J6, 1p.
- DIELECTRIC RATING: 2000Vrms for 1 minute between P1-shield and P2+P3; J1-shield.
- TURNS RATIO/POLARITY: (P1-P2):(J1-J2) = 1:1, ±2%
(P3-P6):(J3-J6) = 1:1, ±2%.
- INSERTION LOSS: -1.0dB max., 1MHz - 100MHz.
- RETURN LOSS: -18dB min., 1M - 30MHz.
-16dB min., 30M - 45MHz.
-14dB min., 45M - 60MHz.
-12dB min., 60M - 80MHz.
- CROSSTALK: -33dB min., 1MHz - 100MHz.
- COMMON MODE REJECTION: -35dB min., 1MHz - 100MHz.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Unless otherwise specified:

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

DRAWING TITLE

TRANSFORMER

RJ45-18



DRAWING NO.

MIC24010-0107T-LF3

REV.

6C
6/06

REVISIONS: SEE SHEET 1

SCALE

SHEET 2 OF 6