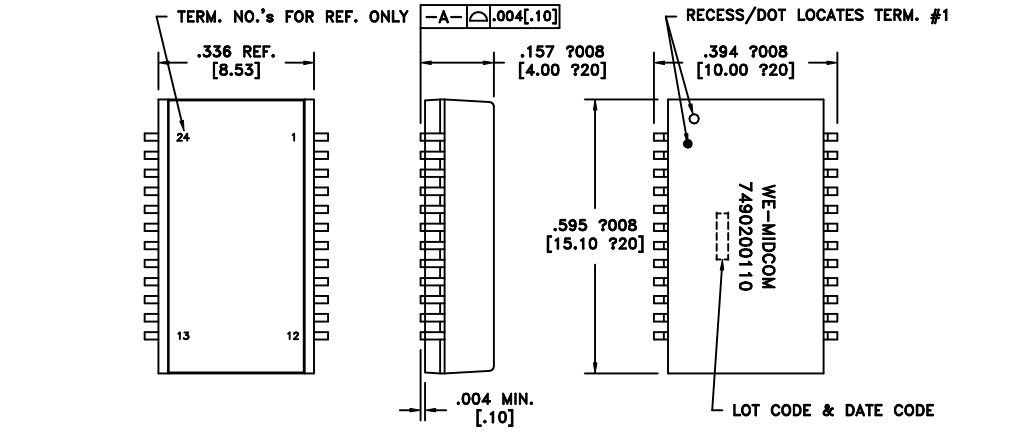
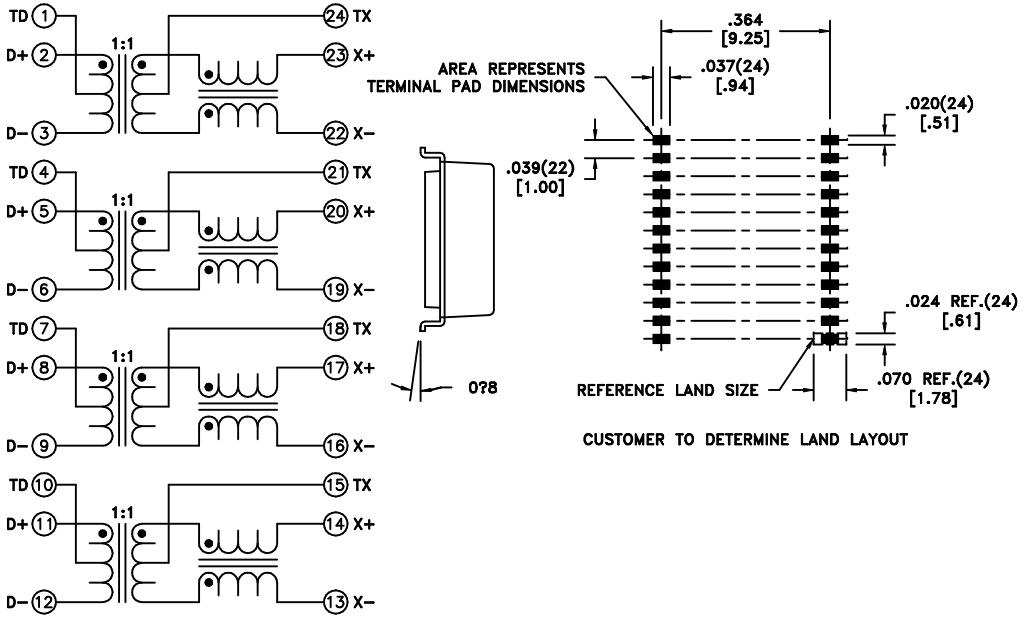
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn96%, Ag4%	Yes	No

compliant RoHS WE–MIDCOM





ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1–2; 4–5; 7–8; 10–11	@20°C	0.6 ohms max.
D.C. RESISTANCE	2–3; 5–6; 8–9; 11–12	@20°C	1.1 ohms max.
D.C. RESISTANCE	13–14; 16–17; 19–20; 22–23	@20°C	1.6 ohms max.
D.C. RESISTANCE	14–15; 17–18; 20–21; 23–24	@20°C	0.9 ohms max.
INDUCTANCE	23–22	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	20–19	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	17–16	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	14–13	100kHz, 100mVAC, 8mADC, Lp	350uH min.
DIELECTRIC	1–24	tie(1 thru 12, 13 thru 24)	1500Vrms, 1 minute
TURNS RATIO		(2–3):(23–22)	1:1, ±2%
TURNS RATIO		(5–6):(20–19)	1:1, ±2%
TURNS RATIO		(8–9):(17–16)	1:1, ±2%
TURNS RATIO		(11–12):(14–13)	1:1, ±2%
INSERTION LOSS		1M – 100MHz	–1.0dB max.
RETURN LOSS		1M – 30MHz	–18dB min.
RETURN LOSS		40MHz	–14.4dB min.
RETURN LOSS		50MHz	–13.1dB min.
RETURN LOSS		60M – 80MHz	–12dB min.
RETURN LOSS		100MHz	–10dB min.
CROSSTALK		1M – 100MHz	–35dB min.
DCMR		1M – 30MHz	–40dB min.
DCMR		60MHz	–35dB min.
DCMR		100MHz	–30dB min.

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

COPLANARITY: All 24 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

REV.	DATE
6B	7/08
6A	5/08

Packaging Specifications (6B)
Method: Tape & Reel
PKG–0696
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
eiSos p/n: 7490200110

Midcom WE
www.midcom–inc.com

DRAWING NO.
7490200110

REVISIONS: SEE SHEET 1 | SCALE --- | SHEET 2 OF 9