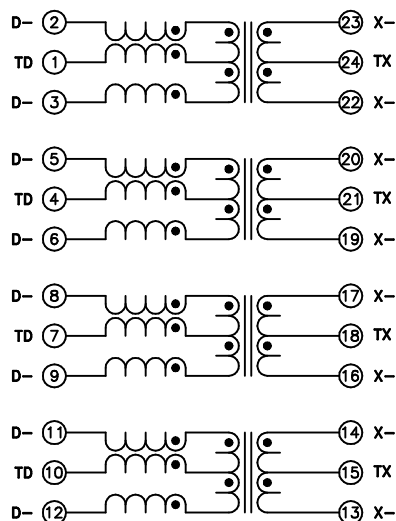
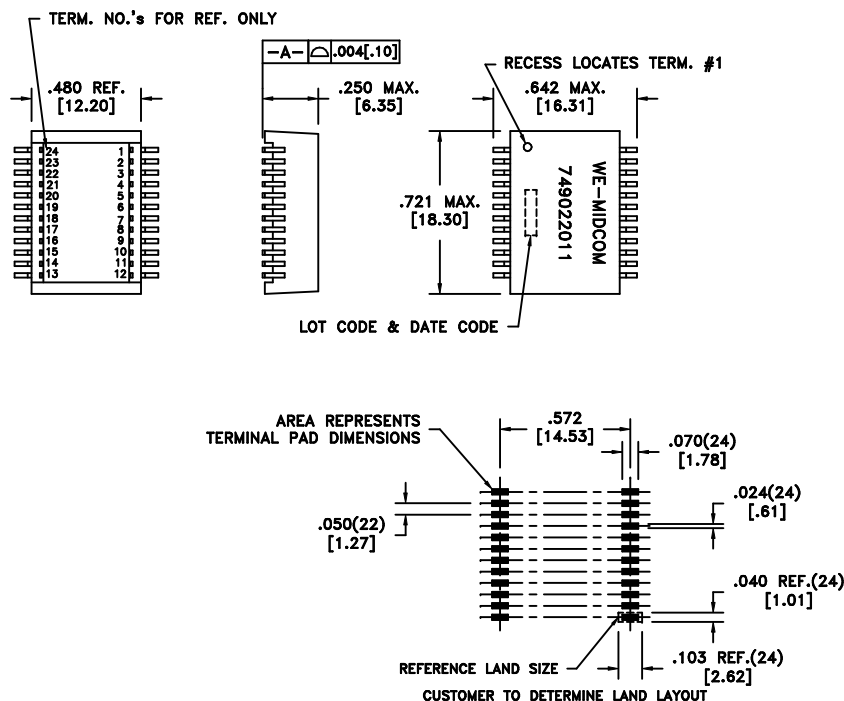


CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96% Ag4%	Yes	Yes



REV.	DATE
PR6C	5/10
6B	2/10
6A	2/08

Packaging Specifications
Method: Tape & Reel
PKG-0653
www.midcom-inc.com

Tolerances unless otherwise specified:
Angles: $\pm 1^\circ$ Decimals: $\pm .005$ [.13]
Fractions: $\pm 1/64$ Footprint: $\pm .005$ [.13]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER

isiSos p/n: 749022011



DRAWING NO.
749022011

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 7

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-2; 4-5; 7-8; 10-11	@25°C
D.C. RESISTANCE	2-3; 5-6; 8-9; 11-12	@25°C
D.C. RESISTANCE	13-14; 16-17; 19-20; 22-23	@25°C
D.C. RESISTANCE	14-15; 17-18; 20-21; 23-24	@25°C
INDUCTANCE	23-22	100kHz, 100mVAC, 15mADC, Lp
INDUCTANCE	20-19	100kHz, 100mVAC, 15mADC, Lp
INDUCTANCE	17-16	100kHz, 100mVAC, 15mADC, Lp
INDUCTANCE	14-13	100kHz, 100mVAC, 15mADC, Lp
DIELECTRIC	1-24	tie(1+4+7+10, 15+18+21+24) 1800Vrms, 1 second
URNS RATIO	(2-3):(23-22)	1:1, $\pm 2\%$
URNS RATIO	(5-6):(20-19)	1:1, $\pm 2\%$
URNS RATIO	(8-9):(17-16)	1:1, $\pm 2\%$
URNS RATIO	(11-12):(14-13)	1:1, $\pm 2\%$
INSERTION LOSS	300k - 100MHz	-1.0dB max.
RETURN LOSS	500kHz - 40MHz	-18dB min.
RETURN LOSS	40M - 60MHz	-15dB min.
RETURN LOSS	60M - 80MHz	-12dB min.
RETURN LOSS	80M - 100MHz	-10dB min.
CROSSTALK	300kHz - 100MHz	-35dB min.
CMRR	300k - 32MHz	-42dB min.
CMRR	32M - 100MHz	-33dB min.

GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed to comply with POE+ requirements, and handle 500mA DC current.

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