

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

more than you expect



Midcom

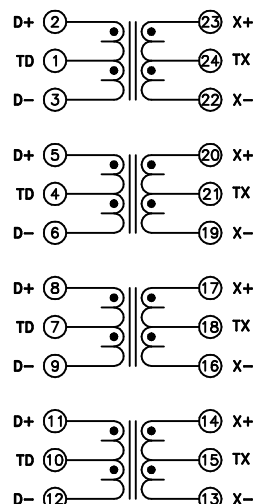
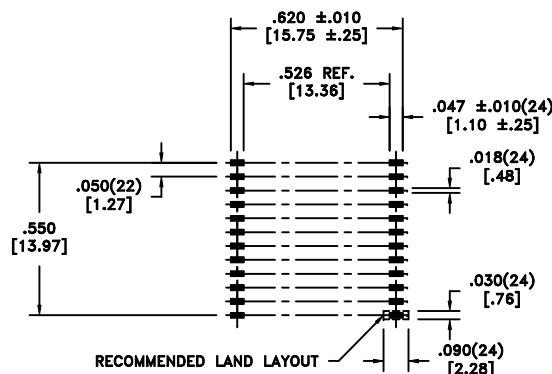
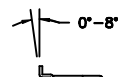
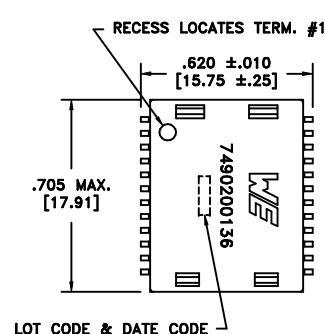
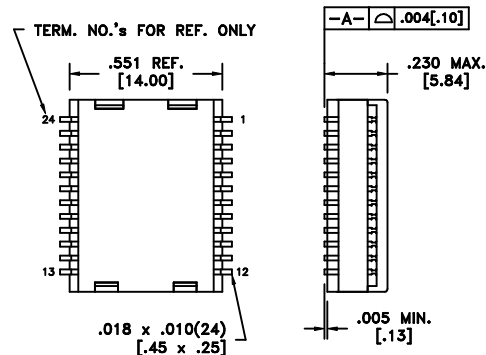
ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
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+4+7+10, 15+18+21+24), 1800Vrms, 1 second	1500Vrms, 1 minute
URNS RATIO	(2-3):(23-22)	1:1, ±2%
URNS RATIO	(5-6):(20-19)	1:1, ±2%
URNS RATIO	(8-9):(17-16)	1:1, ±2%
URNS RATIO	(11-12):(14-13)	1:1, ±2%
INSERTION LOSS	300k - 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	80M - 100MHz	-10dB min.
CROSSTALK	30MHz	-45dB ref.
CROSSTALK	60MHz	-40dB ref.
CROSSTALK	100MHz	-35dB ref.
DCMR	30MHz	-43dB ref.
DCMR	60MHz	-37dB ref.
DCMR	100MHz	-33dB ref.
D.C. RESISTANCE	2-3 @20°C	0.90 ohms max.
D.C. RESISTANCE	5-6 @20°C	0.90 ohms max.
D.C. RESISTANCE	8-9 @20°C	0.90 ohms max.
D.C. RESISTANCE	11-12 @20°C	0.90 ohms max.

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.



TERMINAL PAD DIMENSIONS
CUSTOMER TO DETERMINE LAND SIZE

REV.	DATE	Packaging Specifications
		Method: Tape & Reel
		PKG-0848
		www.we-online.com/midcom
00	4/12	SEE REVISION SHEET FOR REVISION LEVEL



Tolerances unless otherwise specified:
Angles: ±1°
Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.005 [.13]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
EDFP-G24
eiSos p/n: 7490200136



PART NO.
7490200136
SPECIFICATION SHEET 1 OF 1