

TERM. NO.'s FOR REF. ONLY

.280 REF. [7.11]

.075 REF. [1.91]

.020 x .014(16) [.50 x .36]

16 2
15 3
14 4
13 5
12 6
11 7
10 8
9

WE-MIDCOM
7430-30

SOLDER SUFFIX
LOT CODE & DATE CODE

RECESS LOCATES TERM. #1

.380 MAX. [9.65]

.510 MAX. [12.95]

.210 MAX. [5.33]

.004 MIN. [.10]

1CT:1CT

TD+ (1) TX+ (16)
CTD (2) CTX (15)
TD- (3) TX- (14)

1CT:1CT

RD+ (6) RX+ (11)
CRD (7) CRX (10)
RD- (8) RX- (9)

.380 MAX. [9.65]

.310 REF. [7.87]

.030 ±.010(16) [.76 ±.25]

.018(16) [.46]

.030(16) [.76]

.075(16) [1.91]

.050(14) [1.27]

.350 [8.89]

RECOMMENDED LAND LAYOUT

TERMINAL PAD DIMENSIONS
CUSTOMER TO DETERMINE LAND SIZE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

INDUCTANCE: 350uH min., 100kHz, 100mV, 8mADC, 16-14; 11-9, Lp.

DIELECTRIC RATING: 1500Vrms, 1 minute tested by applying 1800Vrms for 1 second between 1-16(tie 1+6, 16+11).

URNS RATIO & POLARITY: (1-3):(16-14) = 1:1, ±2%.
(6-8):(11-9) = 1:1, ±2%.

INSERTION LOSS: -1.1dB max., 500k - 100MHz.

RETURN LOSS: -18dB min., 500k - 30MHz.
-16dB min., 30M - 45MHz.
-14dB min., 45M - 60MHz.
-12dB min., 60M - 80MHz.

CROSSTALK: -35dB min., 1M - 100MHz.

DCMR: -30dB min., 500k - 100MHz.

CMRR: -30dB min., 500k - 100MHz.

OPERATING TEMPERATURE RANGE: -40°C to +105°C.

COPLANARITY: All 16 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE TRANSFORMER EDSO-G16 eiSos p/n: 7490100111		Midcom WE www.midcom-inc.com		DWG.# 000-7430-30R-LF1
	REVISIONS: SEE SHEET 1		DRAWING NO. 000-7430-30R- Pre 6/9/08	REV. 9/08	
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.				SCALE ---	SHEET 2 OF 8