

Excellent Integrated System Limited

Stocking Distributor

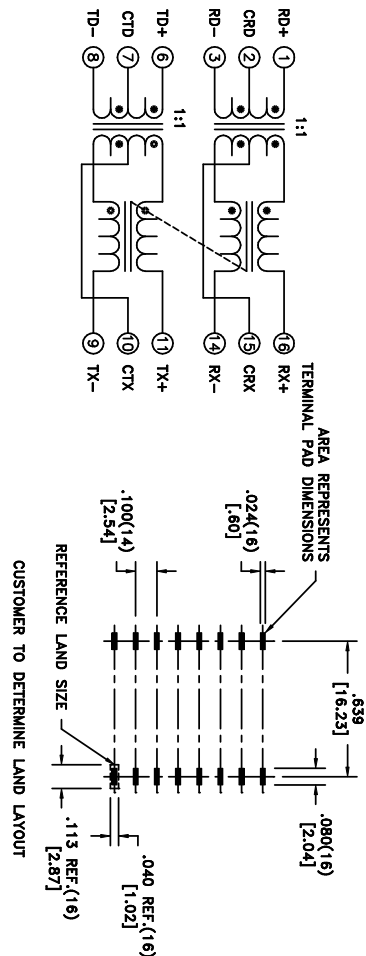
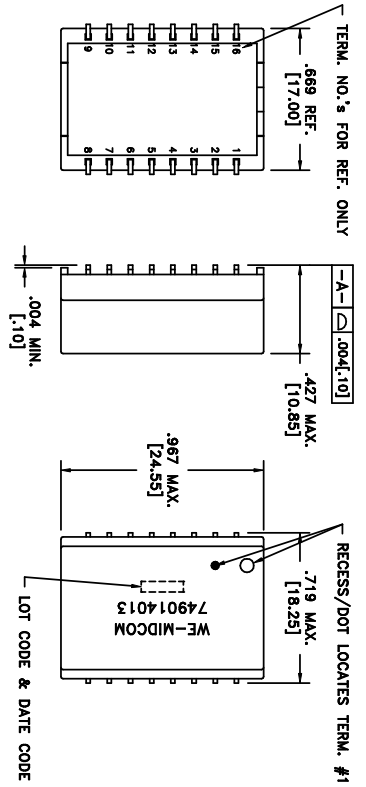
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Wurth Electronics Inc](#)
[749014013](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
INDUCTANCE	16-14 100KHz, 100mVAC, 5mADC, 1p	350nH min.
INDUCTANCE	11-9 100KHz, 100mVAC, 5mADC, 1p	350nH min.
DIELECTRIC	1-16 $\epsilon_r(1+6, 16+11)$, 4800Vrms, 1 second	4000Vrms, 1 minute
TURNS RATIO	(1-3):(16-14)	1:1, ±2%
TURNS RATIO	(6-8):(11-9)	1:1, ±2%
INSERTION LOSS	500K - 100MHz	-1.2dB max.
RETURN LOSS	500K - 30MHz	-18dB min.
RETURN LOSS	30M - 45MHz	-15dB min.
RETURN LOSS	45M - 60MHz	-13dB min.
RETURN LOSS	60M - 80MHz	-10dB min.
CROSSTALK	1M - 100MHz	-40dB min.
DCMR	500K - 100MHz	-33dB min.

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

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

Designed to comply with the following requirements as defined by IEC60601-1 and IEC60950-1:
- Reinforced insulation at a working voltage of 250Vrms.

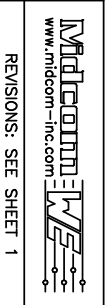
Ⓢ Designed to handle 350mADC and meet 802.3af.

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

Packaging Specifications
Method: Tape & Reel
PKG-0670
www.midcom-inc.com

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

DRAWING TITLE
TRANSFORMER
e15os p/r: 749014013



DRAWING NO.
749014013
REVISIONS: SEE SHEET 1
SCALE ---
SHEET 2 OF 8