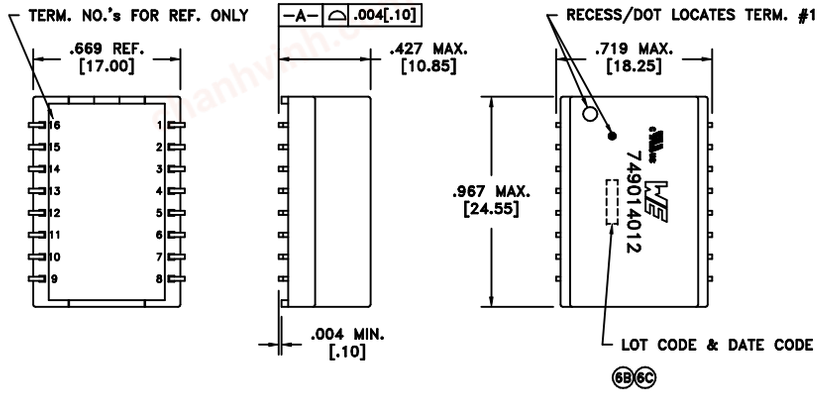
chanhvinh.com

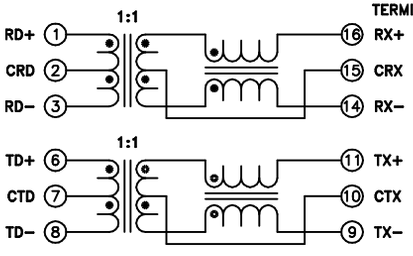
CUSTOMER TERMINAL	RoHS	LEAD(Pb)–FREE
Sn100%	Yes	Yes

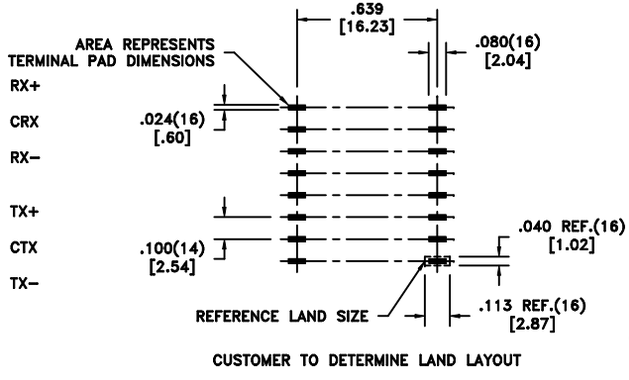
more than you expect

Midcom

WÜRTH ELEKTRONIK







ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
INDUCTANCE	16–14	100kHz, 100mVAC, 8mADC, Lp	350uH min.
INDUCTANCE	11–9	100kHz, 100mVAC, 8mADC, Lp	350uH min.
6B DIELECTRIC	INPUT–OUTPUT	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.

6B Designed to comply with the following requirements as defined by IEC60950–1:
– Reinforced insulation at a working voltage of 250Vrms.

6B Designed to comply with with 8mm min. creepage and clearance as defined by IEC60601–1.

6B

AGENCY	NUMBER
UL60950	E205930
CSA60950 (Via CUL)	E205930

REV.	DATE
6C	12/12
6B	2/10
6A	2/08

Packaging Specifications
Method: Tape & Reel
PKG–0670
www.we–online.com/midcom
SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

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–J16
eiSos p/n: 749014012

compliant RoHS

PART NO.
749014012

SPECIFICATION SHEET 1 OF 1