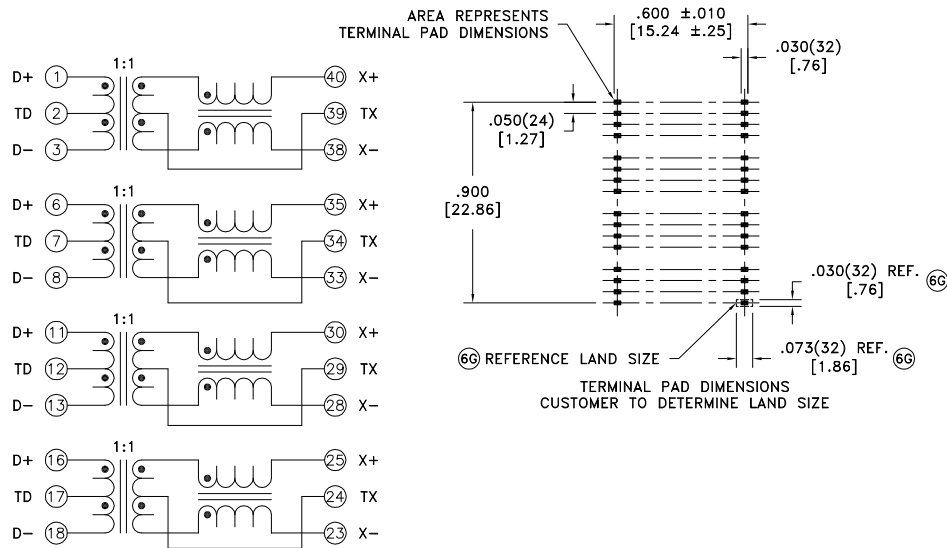
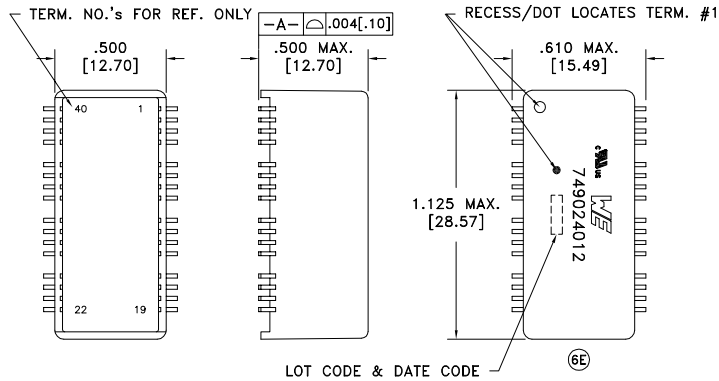


| | | |
|-------------------|------|---------------|
| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
| Sn100% | Yes | Yes |

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | TEST CONDITIONS | VALUE | |
|----------------|-----------------|--|--------------------|
| INDUCTANCE | 23-25 | 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| INDUCTANCE | 28-30 | 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| INDUCTANCE | 33-35 | 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| INDUCTANCE | 38-40 | 100kHz, 100mVAC, 8mADC, Lp | 350uH min. |
| DIELECTRIC | 1-40 | tie(1 thru 18, 23 thru 40), 4800Vrms, 1 second | 4000Vrms, 1 minute |
| TURNS RATIO | | Per Schematic | 1:1, ±2% |
| INSERTION LOSS | | 1M - 100MHz | -1.3dB max. |
| RETURN LOSS | 500k - 30MHz | | -14dB min. |
| RETURN LOSS | 30M - 45MHz | | -11dB min. |
| RETURN LOSS | 45M - 60MHz | | -9dB min. |
| RETURN LOSS | 60M - 80MHz | | -8dB min. |
| CROSSTALK | | 1M - 100MHz | -35dB min. |
| DCMR | | 1M - 100MHz | -30dB min. |
| CMRR | | 1M - 100MHz | -30dB min. |

GENERAL SPECIFICATIONS:

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

COPLANARITY: All 32 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 IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
 - Reinforced insulation for a secondary circuit at a working voltage of 250Vrms.

Designed to comply with 8mm min. creepage distance and 5mm min. clearance as defined by IEC60601-1, 3rd edition.
 - Providing 2 means of operator protection up to a working voltage of 250Vrms.

| | |
|---------------|---------|
| AGENCY NUMBER | |
| UL | E205930 |

| | | | |
|------|-------|---------------------------------------|--|
| REV. | DATE | Packaging Specifications | |
| 6G | 4/16 | Method: Tape & Reel | |
| 6F | 10/15 | PKG-0464 | |
| 6E | 2/13 | www.we-online.com/midcom | |
| 6D | 1/13 | 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

eiSos p/n: 749024012

PART NO.
749024012

SPECIFICATION SHEET 1 OF 1