

CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

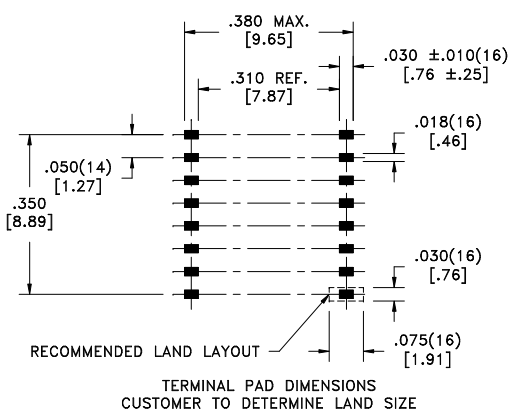
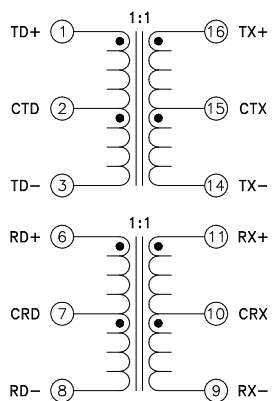
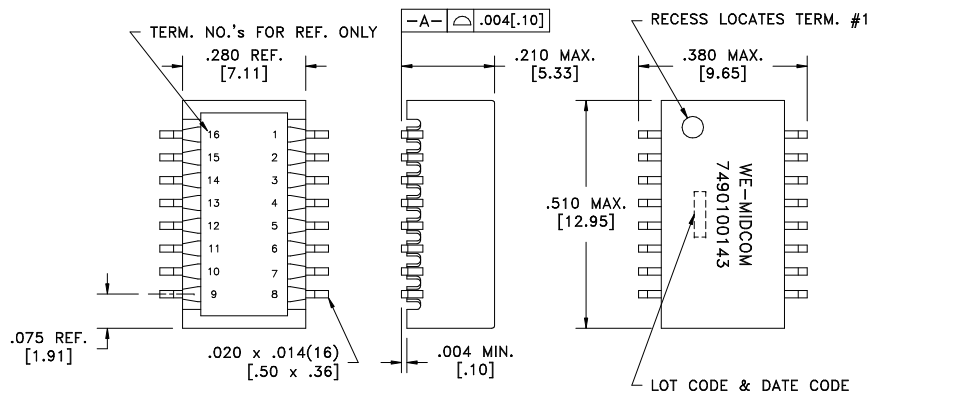
more than you expect



Midcom

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.
DIELECTRIC	tie(1+6, 16+11), 1800Vrms, 1 second	1500Vrms, 1 minute
URNS RATIO	(1-3):(16-14)	1:1, ±2%
URNS RATIO	(6-8):(11-9)	1:1, ±2%
INSERTION LOSS	500k - 100MHz	-1.1dB max.
RETURN LOSS	500k - 30MHz	-18dB min.
RETURN LOSS	30M - 45MHz	-16dB min.
RETURN LOSS	45M - 60MHz	-14dB min.
RETURN LOSS	60M - 80MHz	-12dB min.
CROSSTALK	1M - 100MHz	-35dB min.
DCMR	500k - 100MHz	-30dB min.
CMRR	500k - 100MHz	-25dB min.

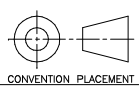


GENERAL SPECIFICATIONS:

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

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

REV.	DATE	Packaging Specifications Method: Tape & Reel PKG-0339 www.we-online.com/midcom
6A	11/10	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
 EDSO-G16 10/100 Mbs
 eiSos p/n: 7490100143

PART NO.
7490100143
 SPECIFICATION SHEET 1 OF 1

