

# Discrete Single Port PoE 10/100 Base-T EDSO-G16

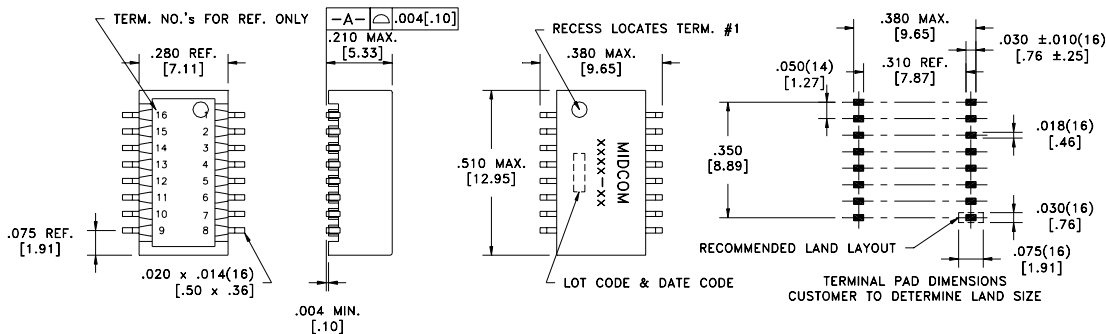
## Electrical Characteristics<sup>1</sup>

Inductance	350uH Min.	0.1Vrms, 100kHz, 8mADC
Dielectric Rating	1500VAC	for 1 minute
Insertion Loss	-1.2dB max.	1MHz-100MHz
Return Loss	-16dB min.	1MHz-30MHz
	-14dB min.	30MHz-40MHz
	-13dB min.	40MHz-50MHz
	-12dB min.	50MHz-80MHz
Cross Talk	-35dB min.	1MHz-100MHz
Diff. to Common Mode Rejection	-35dB min.	1MHz-100MHz

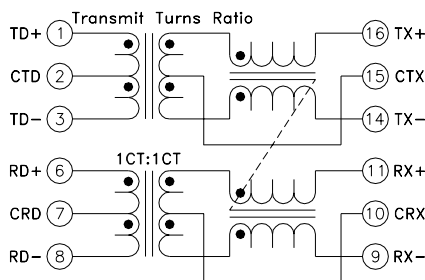
Note 1: May vary slightly from part to part, please refer to specification sheet.

## Features

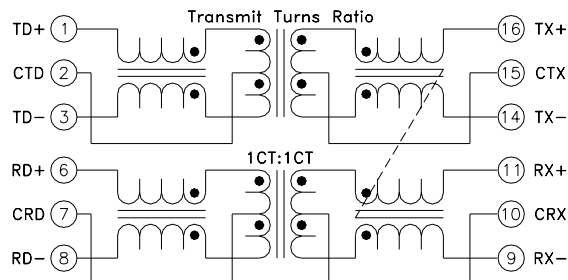
- PoE compatible
- Meets IEEE 802.3 standard
- Surface mount
- Optional pin-outs
- Industry standard connector footprint
- Optimum performance
- Cost Effective
- Both RoHS compliant and lead-terminal parts available



Part Number	Transmit Turns Ratio	AutoMDIX Compatible	Operating Temp. Range	Schematic
000-7333-30	1CT:1CT	Yes	-40°C to +85°C	1
000-7421-30	1CT:1CT	Yes	0°C to +70°C	2



Schematic 1



Schematic 2

Details subject to change. Contact your Midcom sales representative for additional information. Dimensions: in/mm. All tolerances are ±.010/0.25 and electrical specifications are @25°C unless otherwise specified.