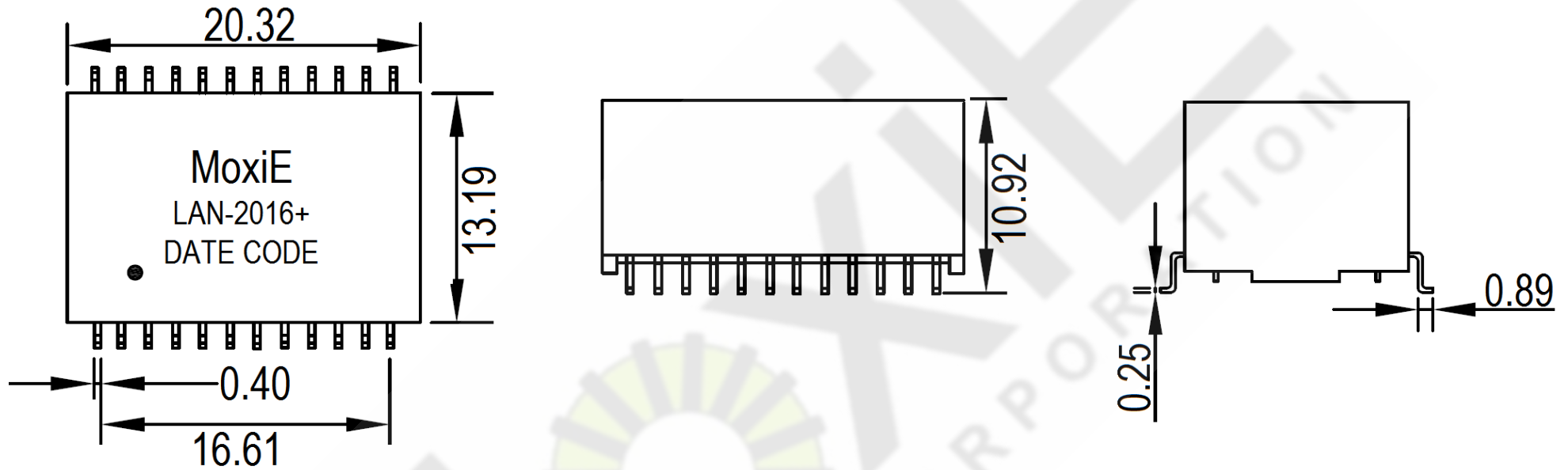


MECHANICAL (mm)



MOXIE NOTES:

MEETS IEEE 802.3at & ANSI X 3.263 STANDARDS.

750mA PoE CAPABILITY.

10/100/1000 BASE T, SURFACE MOUNT TYPE

OPERATING TEMPERATURE: 0°C TO +70°C STANDARD. (-40°C + 85°C OPTIONAL)

1500 VRMS ISOLATION.

ROHS COMPLIANT.

MOXIE INDUCTOR CORPORATION CUSTOM DESIGNS AVAILABLE.

MOXIE INDUCTOR CORPORATION SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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HIGH POE+ (750mA) ENABLED TRANSFORMER
10/100/1000 BASE-T SINGLE PORT

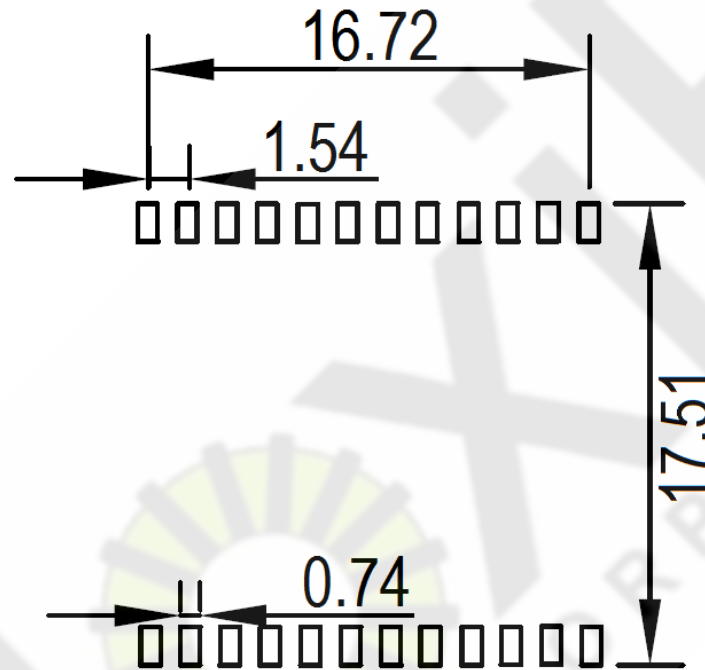
MOXIE PART NUMBER: MOX-LAN-2016+

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REV. C

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PCB LAYOUT



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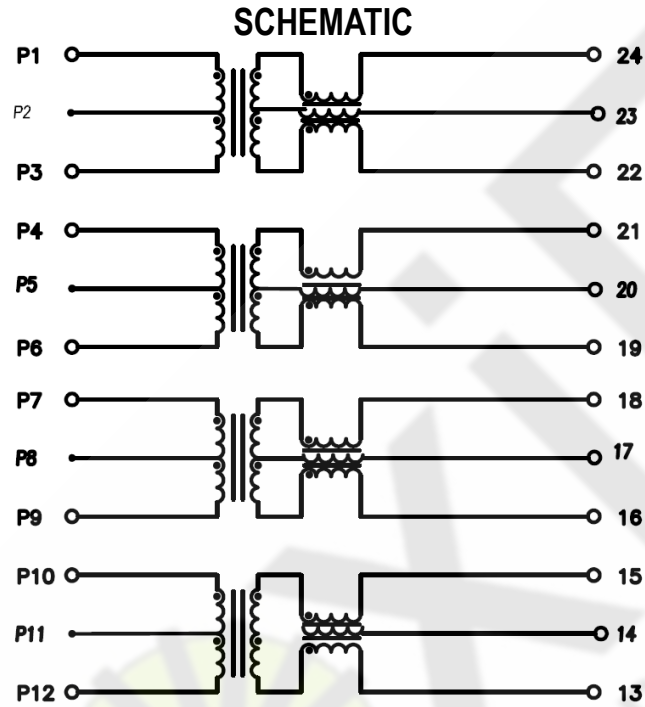
MOXIE PART NUMBER: MOX-LAN-2016+

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ELECTRICAL @ 25°C



OCL (μH MINIMUM) @100KHz, 0.2V	TURNS RATIO (\pm3%)	INSERTION LOSS (dB MAXIMUM) 1-100MHz	RETURN LOSS (dB MINIMUM) 0.5~40MHz	RETURN LOSS (dB MINIMUM) 40.1~100MHz	CROSS TALK (dB MINIMUM) 0.5~40MHz	CROSS TALK (dB MINIMUM) 40.1~100MHz	CMRR (dB MINIMUM) 0.5~100MHz	HI-POT (Vrms)
350.0	ICT:1CT	-1.0dB	-18.0dB	-12.0dB	-35.0dB	-33.0dB	-30.0dB	1500

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