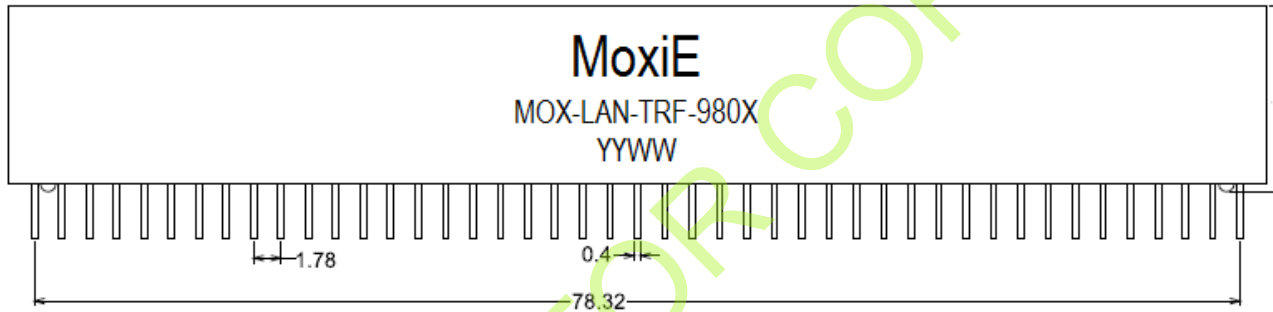
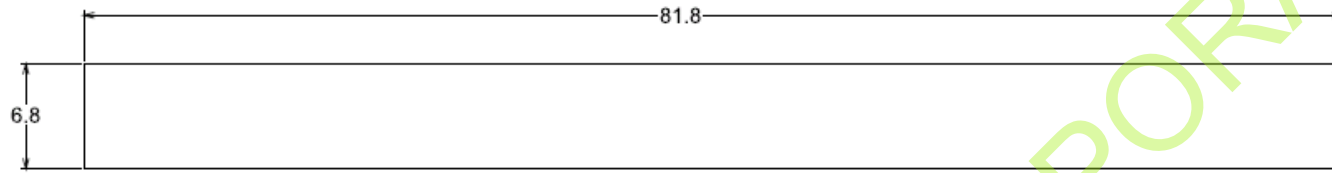
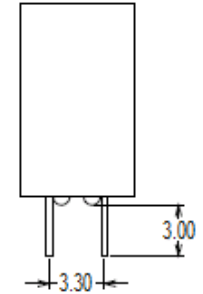


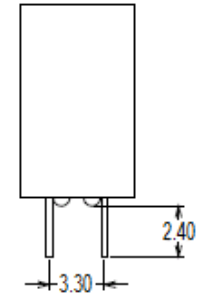
MECHANICAL



MOX-LAN-TRF-9801



MOX-LAN-TRF-9802



MOXIE NOTES:

- MEETS IEEE 802.3 & ANSI X 3.263 STANDARDS.
- ALL DIMENSIONS IN MILLIMETERS.
- RoHS COMPLIANT.
- OPERATING TEMPERATURE RANGE: -40°C TO +85°C.
- STORAGE TEMPERATURE RANGE: -55°C TO +125°C.
- MOXIE INDUCTOR CORPORATION CUSTOM DESIGNS AVAILABLE.
- MOXIE INDUCTOR CORPORATION SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



(888)535.5207 WWW.MOXIEINDUCTORS.COM

10/100/1000 BASE-T FIVE PORT THROUGH-HOLE MAGNETICS

MOX-LAN-TRF-9800 SERIES

PAGE 1/3

REV. A

DWG NUMBER: TRFLAN9800

ELECTRICAL

MOXIE ELECTRICAL SPECIFICATIONS @ 25°C

MoxiE Part Number	OCL (μH Min) @100KHz,0.2V	Turns Ratio ±3%	Insertion Loss (dB Max)	Return Loss (dB Min)		Cross talk (dB Min)		CMMRR (dB Min)	HI-POT (Vrms)
	With 8mA DC Bias		0.5-100MHz	0.5-40MHz	40.1-100MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz	
MOX-LAN-TRF-9801	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500
MOX-LAN-TRF-9802	350	1CT:1CT	1.1	18	12-20*log(f/80)	35	33-20*log(f/50)	30	1500

MOXIE NOTES:

- MEETS IEEE 802.3 & ANSI X 3.263 STANDARDS.
- ALL DIMENSIONS IN MILLIMETERS.
- RoHS COMPLIANT.
- OPERATING TEMPERATURE RANGE: -40°C TO +85°C.
- STORAGE TEMPERATURE RANGE: -55°C TO +125°C.
- MOXIE INDUCTOR CORPORATION CUSTOM DESIGNS AVAILABLE.
- MOXIE INDUCTOR CORPORATION SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



10/100/1000 BASE-T FIVE PORT THROUGH-HOLE MAGNETICS

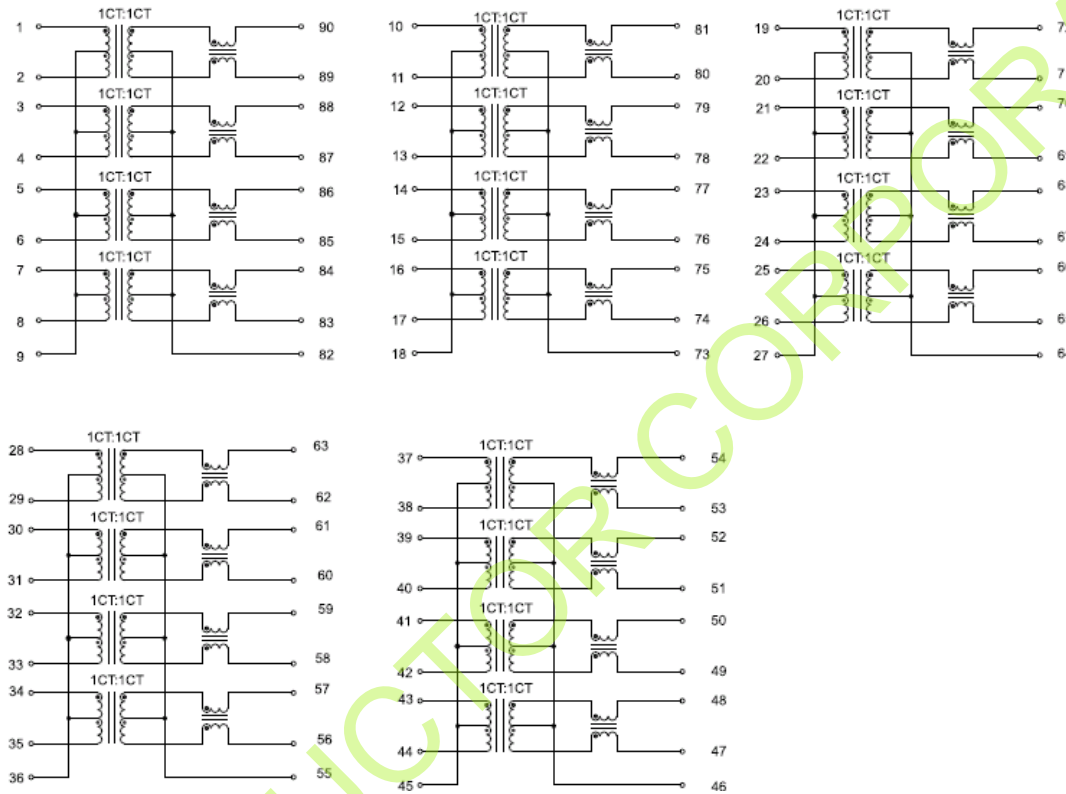
MOX-LAN-TRF-9800 SERIES

PAGE 2/3

REV. A

DWG NUMBER: TRFLAN9800

SCHEMATICS



MOXIE NOTES:

- MEETS IEEE 802.3 & ANSI X 3.263 STANDARDS.
- ALL DIMENSIONS IN MILLIMETERS.
- RoHS COMPLIANT.
- OPERATING TEMPERATURE RANGE: -40°C TO +85°C.
- STORAGE TEMPERATURE RANGE: -55°C TO +125°C.
- MOXIE INDUCTOR CORPORATION CUSTOM DESIGNS AVAILABLE.
- MOXIE INDUCTOR CORPORATION SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

MoxiE
INDUCTOR CORPORATION

(888)535.5207 WWW.MOXIEINDUCTORS.COM

10/100/1000 BASE-T FIVE PORT THROUGH-HOLE MAGNETICS

MOX-LAN-TRF-9800 SERIES

PAGE 3/3

REV. A

DWG NUMBER: TRFLAN9800