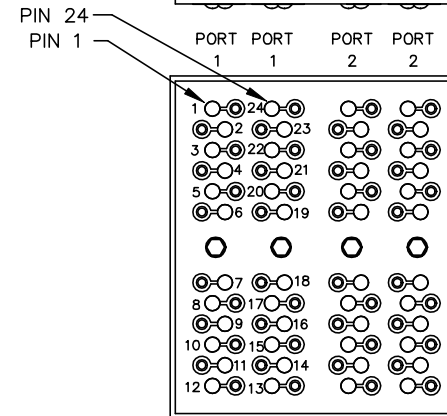
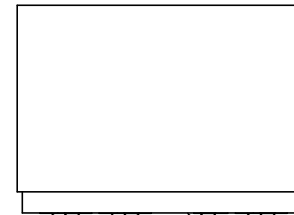
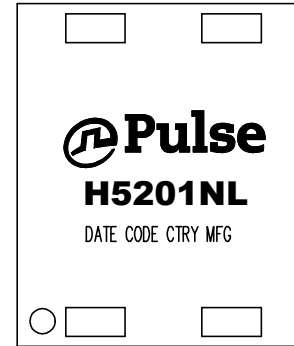




NOTES:

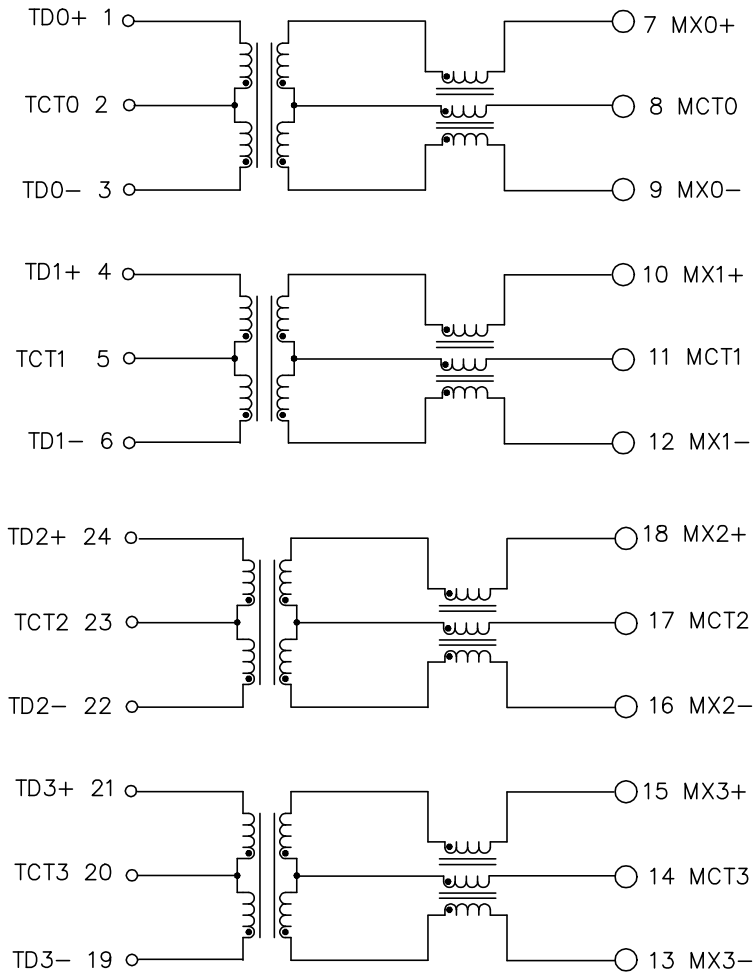
1. ROHS COMPLIANT
2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. STORAGE TEMPERATURE: -20°C TO +125°C
4. COMPLIANCE TO J-STD:
 - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
 - B. J-STD-020: MOISTURE SENSITIVE LEVEL 1
 - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e H5201NL BECOMES H5201NLT).



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,DUAL,1GD,1:1,SM,TU	H5201NL-13	PS-2435.002-B	1 OF 4	H5201NL	B



SCHEMATIC

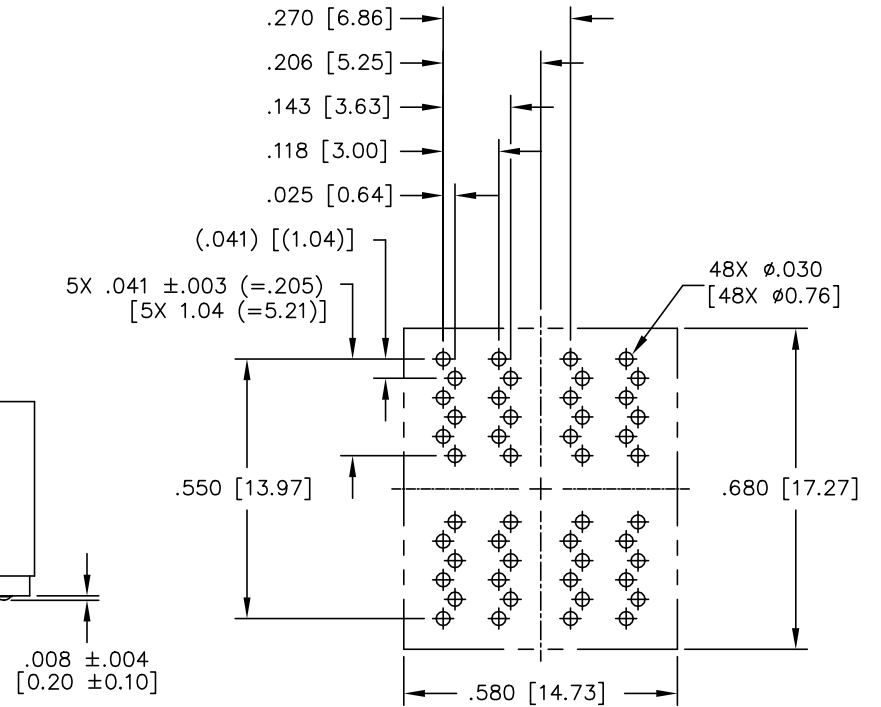
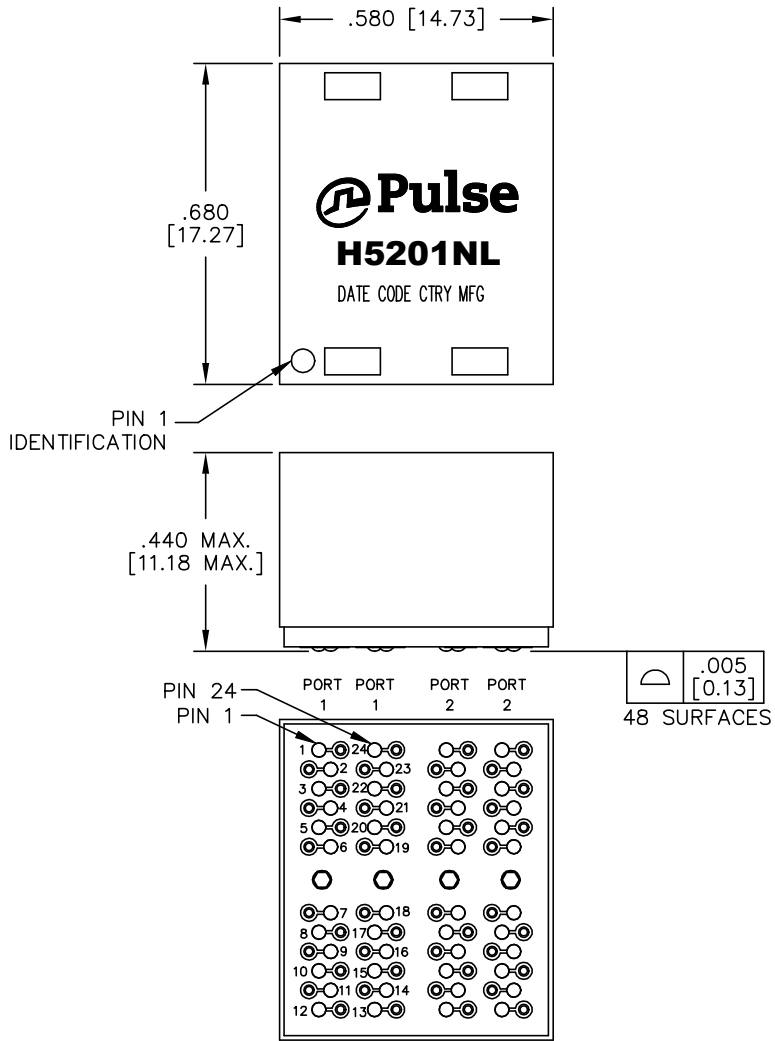
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C TO +70°C	
URNS RATIO	1 : 1 ±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1–125 MHz
	-1.2 dB MAX	-0.2–0.002*f ^{1.4} dB MAXIMUM
RETURN LOSS (Z OUT=100 OHM ±15%)	.1–40 MHz	40–100 MHz
	-16 dB MIN	-10+20*LOG ₁₀ (f/80 MHz) dB MINIMUM
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS ² AND WITH 8 mA DC BIAS)	
CROSSTALK, ADJACENT CHANNELS	1 MHz	10–100 MHz
	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MINIMUM
COMMON MODE REJECTION RATIO	2 MHz	30–200 MHz
	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MINIMUM
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAXIMUM	
DC RESISTANCE IMBALANCE	±.065 OHMS MAXIMUM (CENTER TAP SYMMETRY)	
INPUT – OUTPUT ISOLATION	1500 VRMS MINIMUM AT 60 SECONDS	

NOTE: f IS FREQUENCY IN MHz.

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MDL,DUAL,1GD,1:1,SM,TU	H5201NL-13	PS-2435.002-B	2 OF 4	H5201NL	B



SUGGESTED PCB LAYOUT VIEWED FROM COMPONENT SIDE

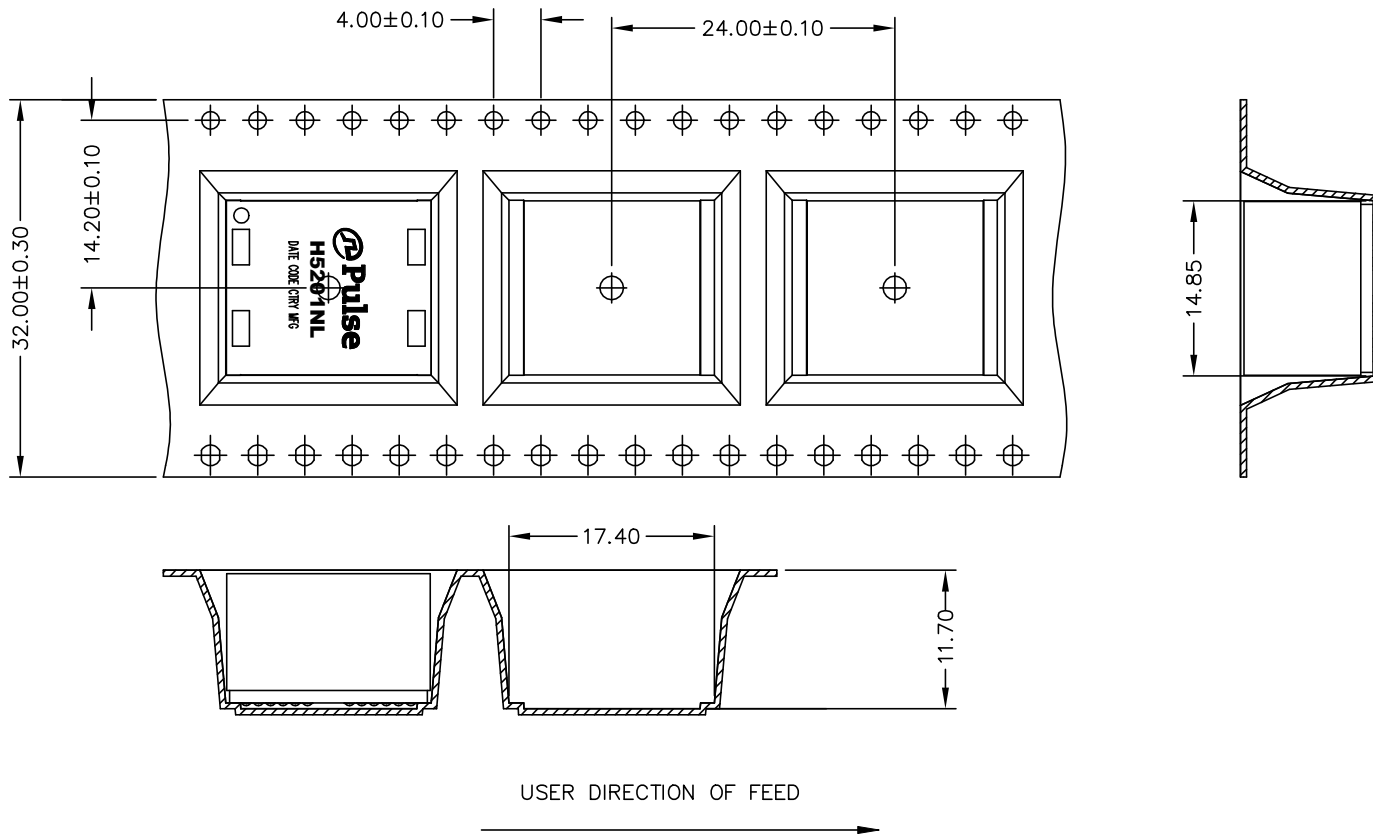
DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX= ±.02 [±0.5]
 .XXX= ±.010 [±0.25]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,DUAL,1GD,1:1,SM,TU	H5201NL-13	PS-2435.002-B	3 OF 4	H5201NL	B



PACK 170 PIECES.



DIMENSIONS ARE IN MM WITH THE FOLLOWING TOLERANCES: ± 0.10

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,DUAL,1GD,1:1,SM,TU	H5201NL-13	PS-2435.002-B	4 OF 4	H5201NL	B

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[HX2260FNL](#) [PA1528ANL](#) [T1137NLT](#) [T3012NL](#) [PE-65812FNL](#) [PE-65848FNLT](#) [H1302FNL](#) [H5015FNL](#) [H5019EFNL](#) [H5062FNLT](#)
[CX2045ALNLT](#) [CX2047LNL](#) [MET-14](#) [MGPWT-00059-P](#) [MGPWT-00266-P](#) [MGPWT-00278-P](#) [MGPWT-00431-P](#) [TTC-100](#) [TTC-143-H](#)
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