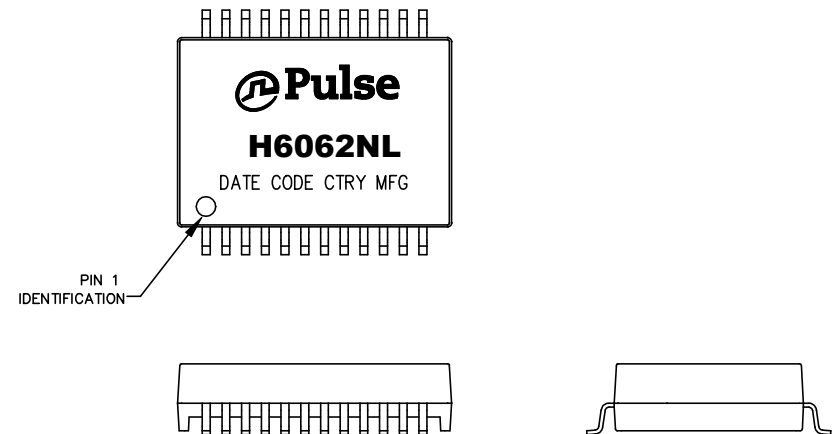




NOTES:

1. ROHS COMPLIANT
2. HEADER: 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: LEVEL 1, NO MOISTURE SENSITIVE
 - 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 H6062NL BECOMES H6062NLT).



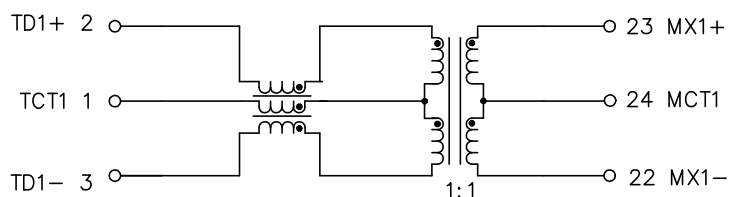
FINAL OUTLINE

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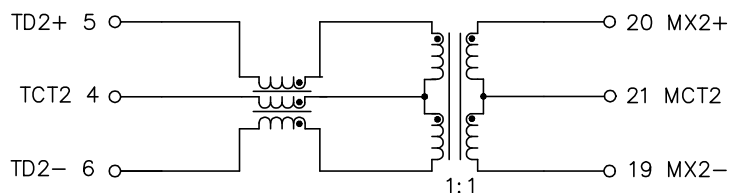
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H6062NL-16	PS-2228.001-C	1 OF 4	H6062NL	D



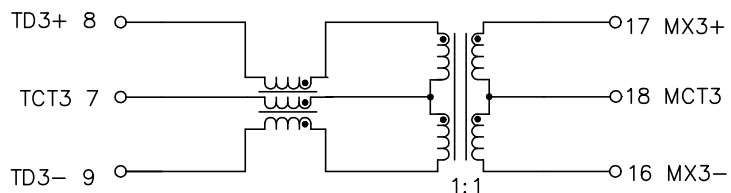
CHANNEL 1



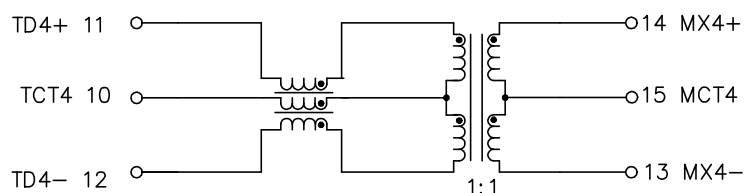
CHANNEL 2



CHANNEL 3



CHANNEL 4

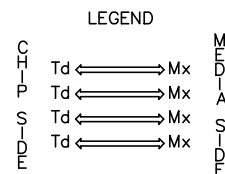


SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C TO +70°C	
URNS RATIO	1 : 1 ±3%	
PARAMETER	SPECIFICATIONS	
INSERTION LOSS	100 KHz	1–125 MHz
	–1.2 dB MAX	–0.2–0.002*f ^{1.4} dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	.1–40 MHz	40–100 MHz
	–16 dB MIN	–10+20*LOG ₁₀ (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)	
CROSSTALK, ADJACENT CHANNELS	1 MHz	10–100 MHz
	–50 dB MIN	–55+22*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO	2 MHz	30–200 MHz
	–50 dB MIN	–15+20*LOG ₁₀ (f/200) dB MIN
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX	
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)	
DC CURRENT/ VOLTAGE RATING	350 mA MAX @ 57 V (CONTINUOUS)	
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

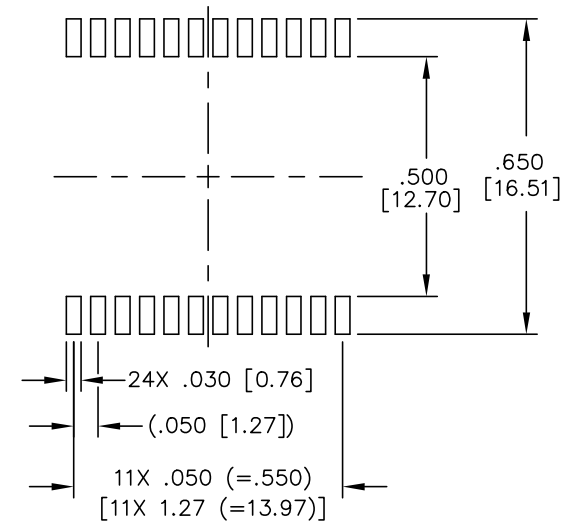
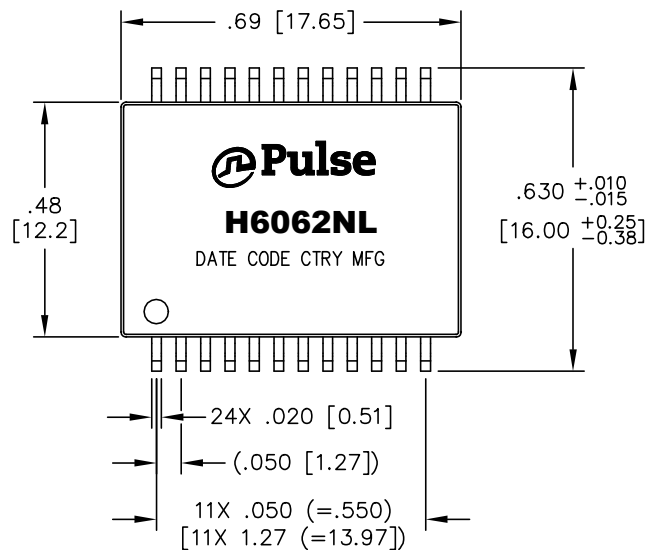
NOTE: f IS FREQUENCY IN MHZ.



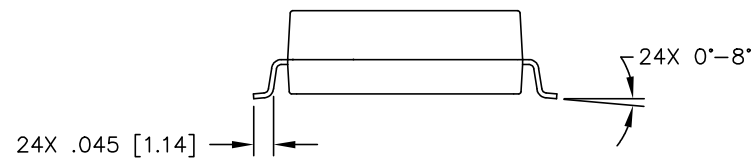
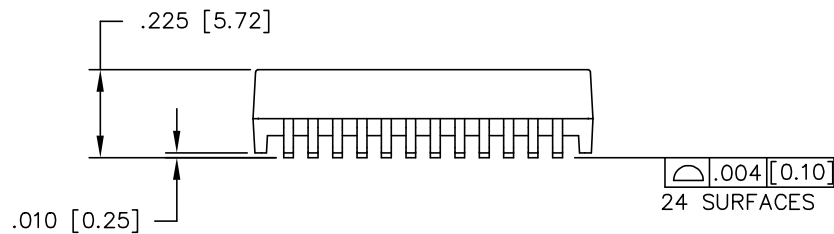
ALL CHANNELS ARE
IN PHASE BETWEEN
INPUT AND OUTPUT

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MDL,SIN,1GP,1:1,SM,TU	H6062NL–16	PS–2228.001–C	2 OF 4	H6062NL	D



SUGGESTED LAND PATTERN

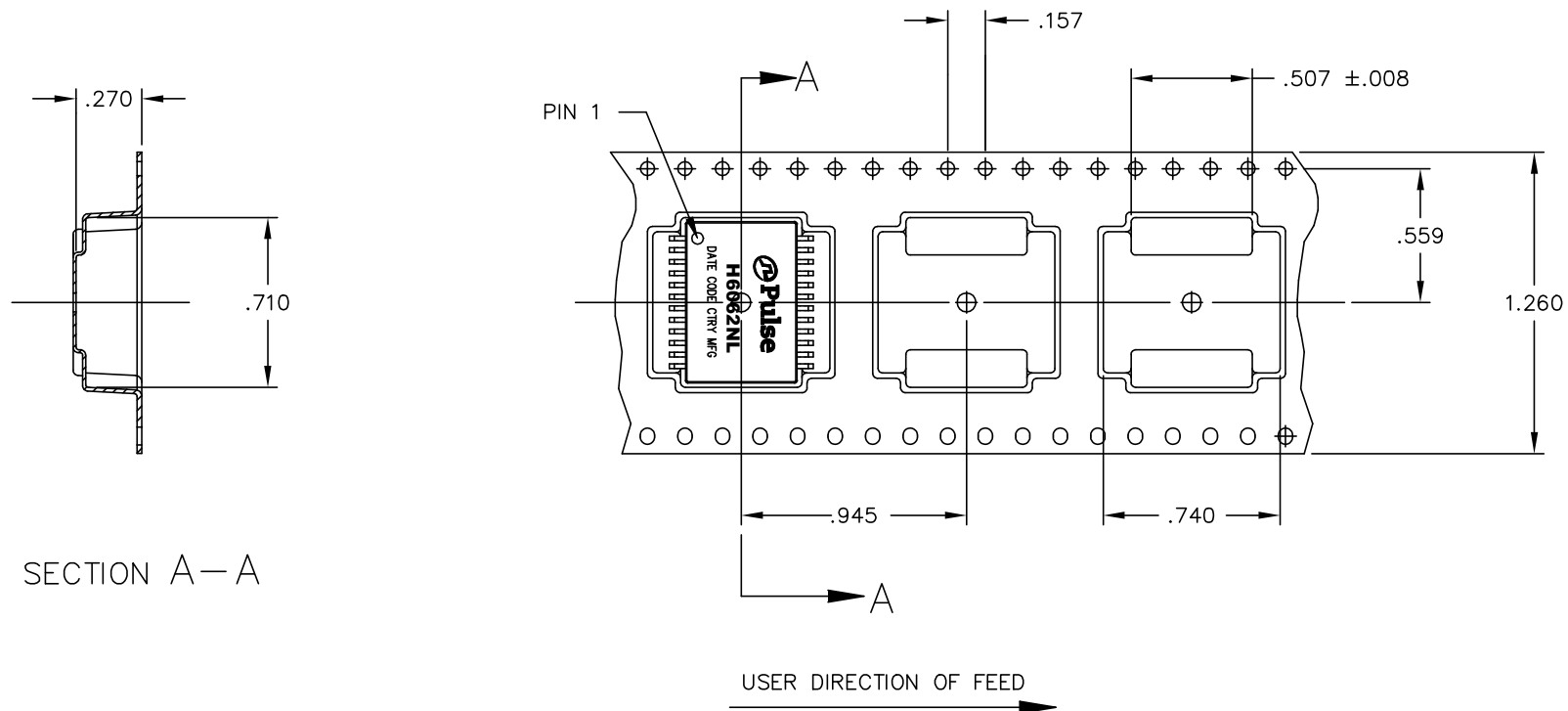


DIMENSIONS ARE IN INCHES WITH THE FOLLOWING
TOLERANCES:
.XX= $\pm$.01
.XXX= $\pm$.005

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H6062NL-16	PS-2228.001-C	3 OF 4	H6062NL	D

NOTE: PACK 300 PIECES PER REEL.



DIMENSIONS ARE IN INCHES WITH THE FOLLOWING
TOLERANCES: $\pm .008$

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H6062NL-16	PS-2228.001-C	4 OF 4	H6062NL	D

Mouser Electronics

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