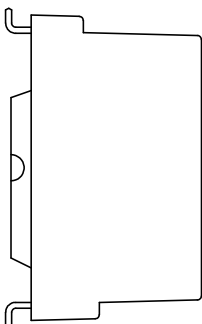
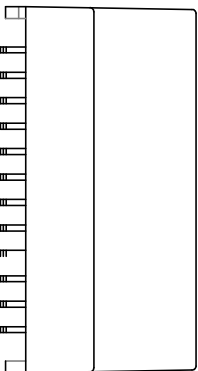
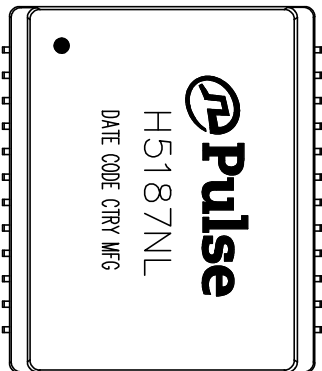




NOTES:

1. ROHS COMPLIANT
2. HEADER: DAP (DIALYL PHTHALATE) 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 H5187NL BECOMES H5187NLT).
6. PACKING SPECIFICATION:
REEL SIZE: 330 mm
TAPE WIDTH: 32 mm
TAPE PITCH: 24mm
COMPONENTS PER REEL: 200 pcs



FINAL OUTLINE

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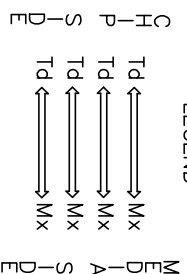
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H5187NL-10	PS-2820.001-B	1 OF 4	H5187NL	E

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

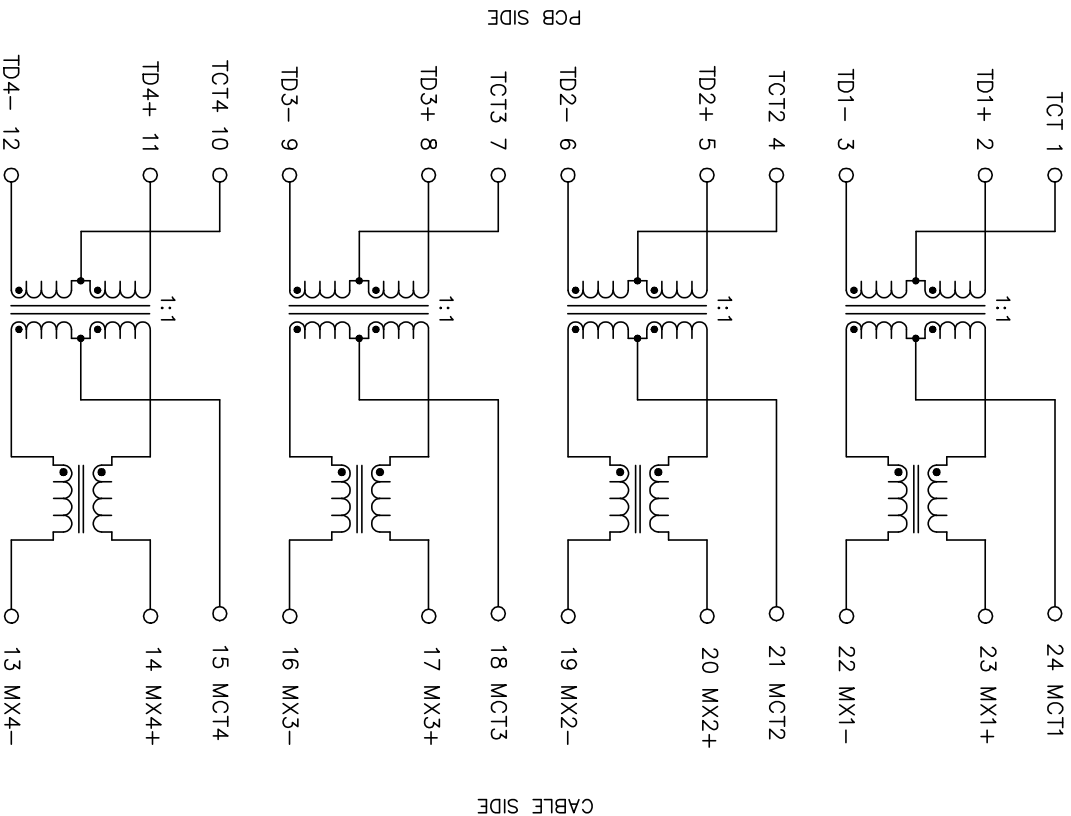
PARAMETER	SPECIFICATIONS			
OPERATING TEMP	0°C TO +70°C			
TURNS RATIO	1.00 ± 2%			
POLARITY	PER SCHEMATIC			
INSERTION LOSS	1-30 MHz	60 MHz	100 MHz	
	-0.5 dB MAX	-1.0 dB MAX	-2.1 dB MAX	
RETURN LOSS, (Z OUT = 100 OHM)	1-30 MHz	40-50 MHz	60-80 MHz	100 MHz
	-14 dB MIN	-12 dB MIN	-8 dB MIN	-6 dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS)			
	1 MHz	10-100 MHz		
CROSSTALK, ADJACENT CHANNELS	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MIN		
	0.1 MHz	30-200 MHz		
DIFFERENTIAL TO COMMON MODE REJECTION	-50 dB MIN	-43+22*LOG ₁₀ (f/30) dB MIN		
	INPUT - OUTPUT ISOLATION	5000 VRMS MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHZ.

LEGEND

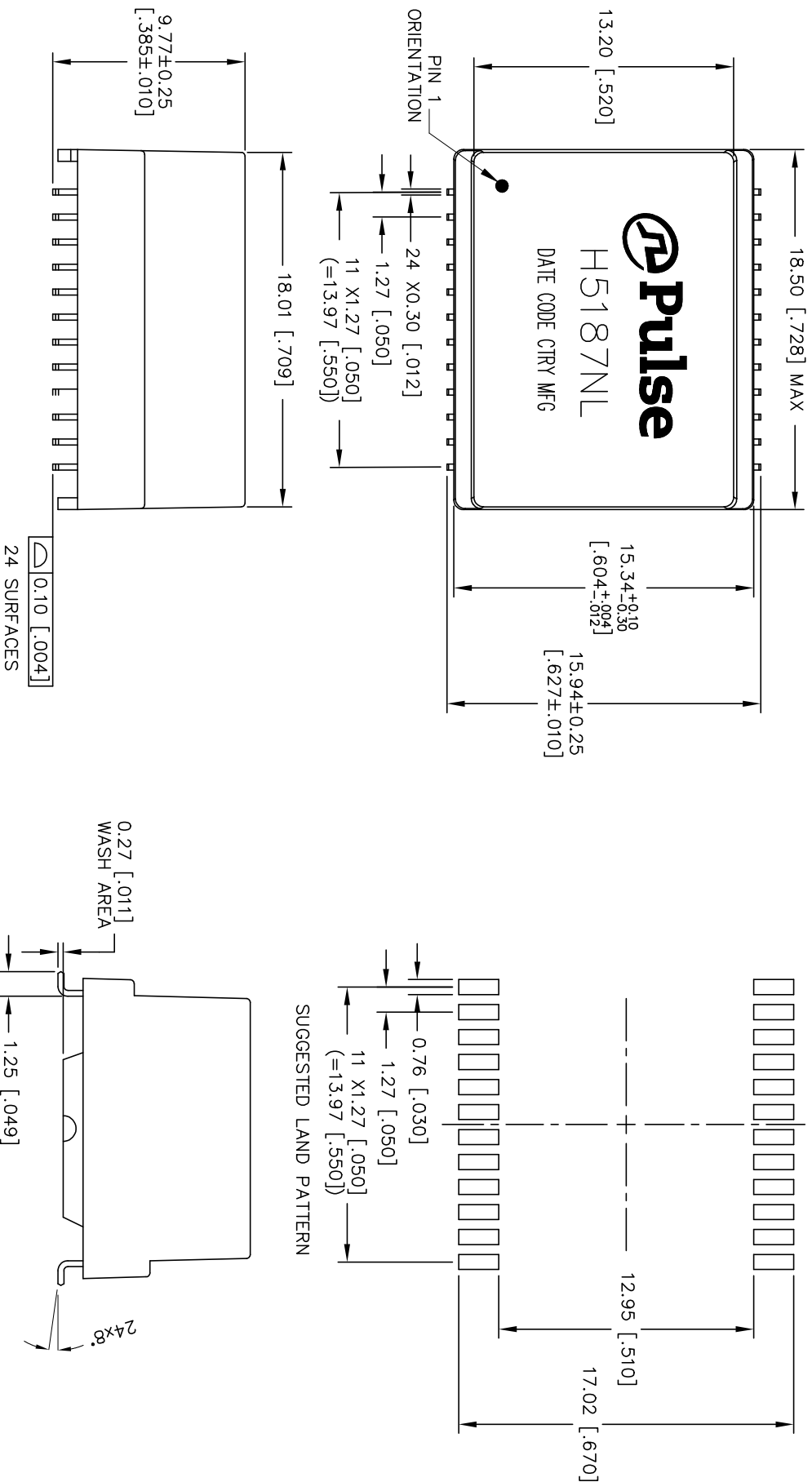


ALL CHANNELS ARE
IN PHASE BETWEEN
INPUT AND OUTPUT



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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H5187NL-10	PS-2820.001-B	2 OF 4	H5187NL	E



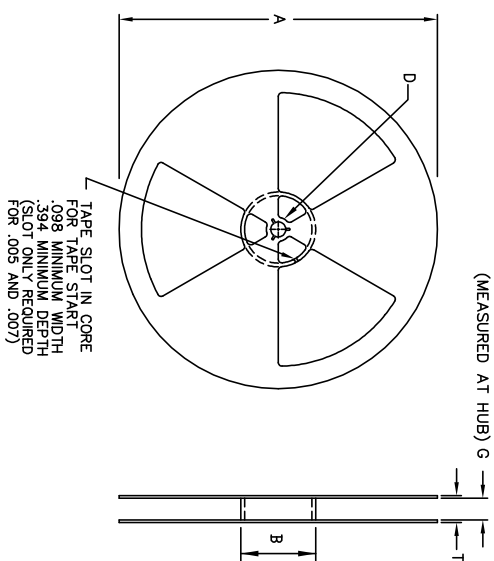
DIMENSIONS ARE IN MILLIMETERS [INCHS] WITH THE FOLLOWING TOLERANCES: [INCHS] ARE FOR REFERENCE ONLY.

X.X = \pm 0.25 [0.010]

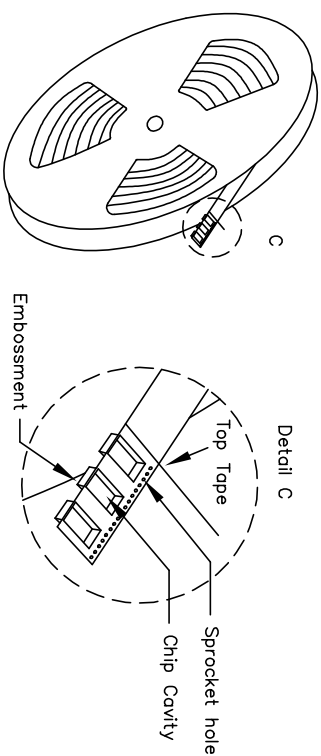
X.XX = \pm 0.15 [0.006]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H5187NL-10	PS-2820.001-B	3 OF 4	H5187NL	E



		A	B	D	T	G	G
Tolerance			min.	min.	max.	min.	max.
Type width	mm	330.00	100.00	20.20	38.4	32.4	34.4



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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H5187NL-10	PS-2820.001-B	4 OF 4	H5187NL	E