


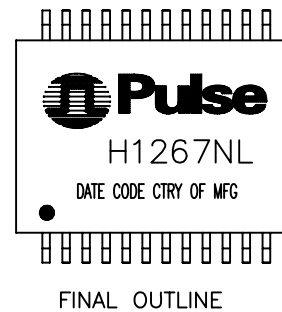
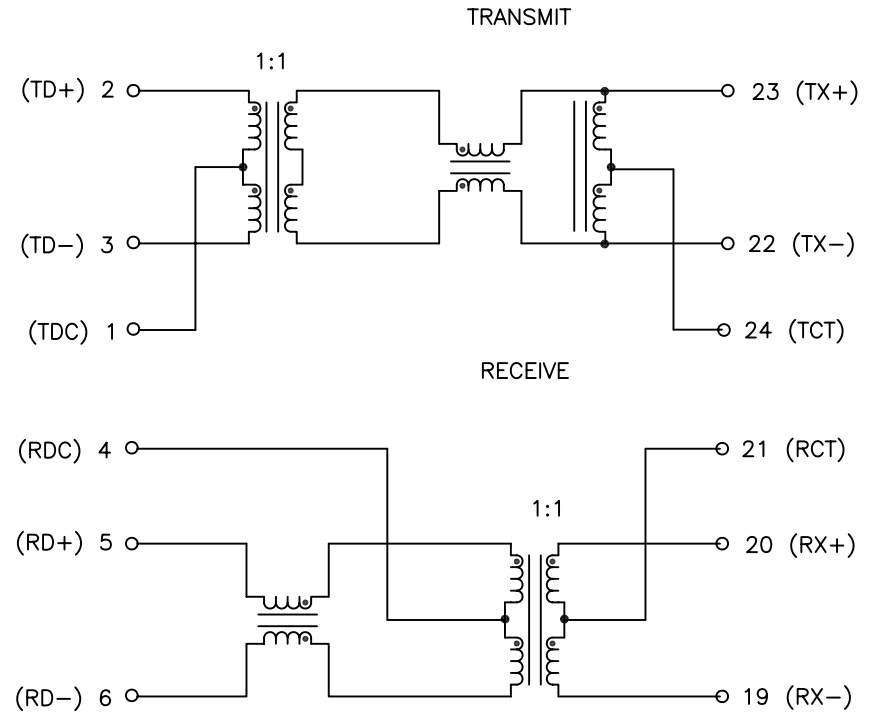
NOTES: UNLESS OTHERWISE SPECIFIED

- | | |
|--|--|
| NOTICE: | THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. |
| RoHS  | ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER. |
- HEADER: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- PCB CONTACTS SOLDER AREA: SN100C TIN PLATING.
- SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
- OPERATING TEMPERATURE: 0°C TO +70°C
- STORAGE TEMPERATURE: -20°C TO +125°C
- JEDEC MOISTURE: LEVEL 1.

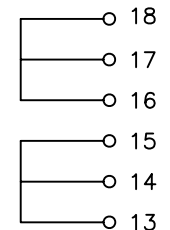
Electrical @ 25°C

PARAMETER	SPECIFICATIONS	
	100 KHz	1-125 MHz
INSERTION LOSS	-1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX
RETURN LOSS, 1000BT (Z OUT = 100 OHM ±15%)	.1-30 MHz	30-60 MHz
		60-80 MHz
	-16 dB MIN	-10+20*LOG ₁₀ (f/60 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
DIFFERENTIAL TO COMMON MODE REJECTION	2 MHz	30-200 MHz
	-50 dB MIN	-43+22*LOG ₁₀ (f/30) dB MIN
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX	
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)	
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

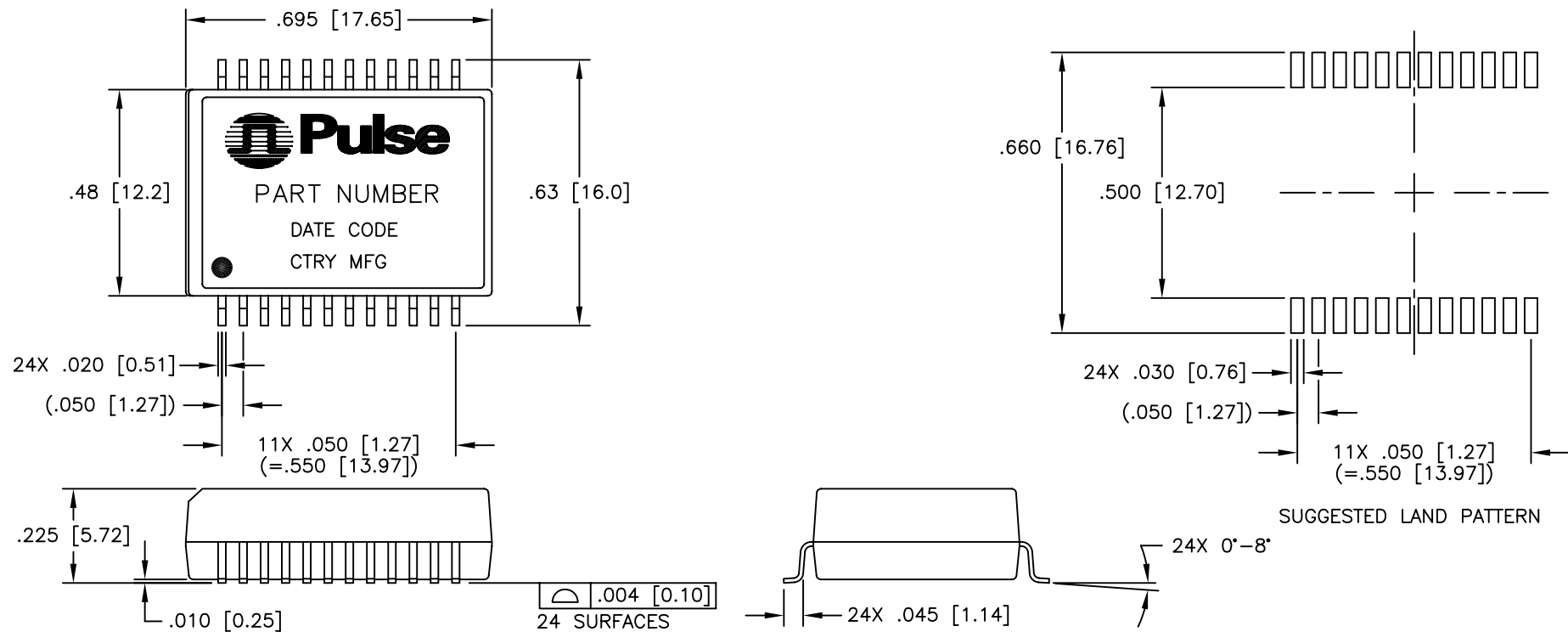
NOTE: f IS FREQUENCY IN MHz.



SCHEMATIC



PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SMT	PS-0018.001-C	1	H1267NL	M11



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES:
 .XX = ± 0.01 [X.X = ± 0.25]
 .XXX = ± 0.005 [X.XX = ± 0.13]

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,100D,1:1,SMT	PS-0018.001-C	2	H1267NL	M11

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