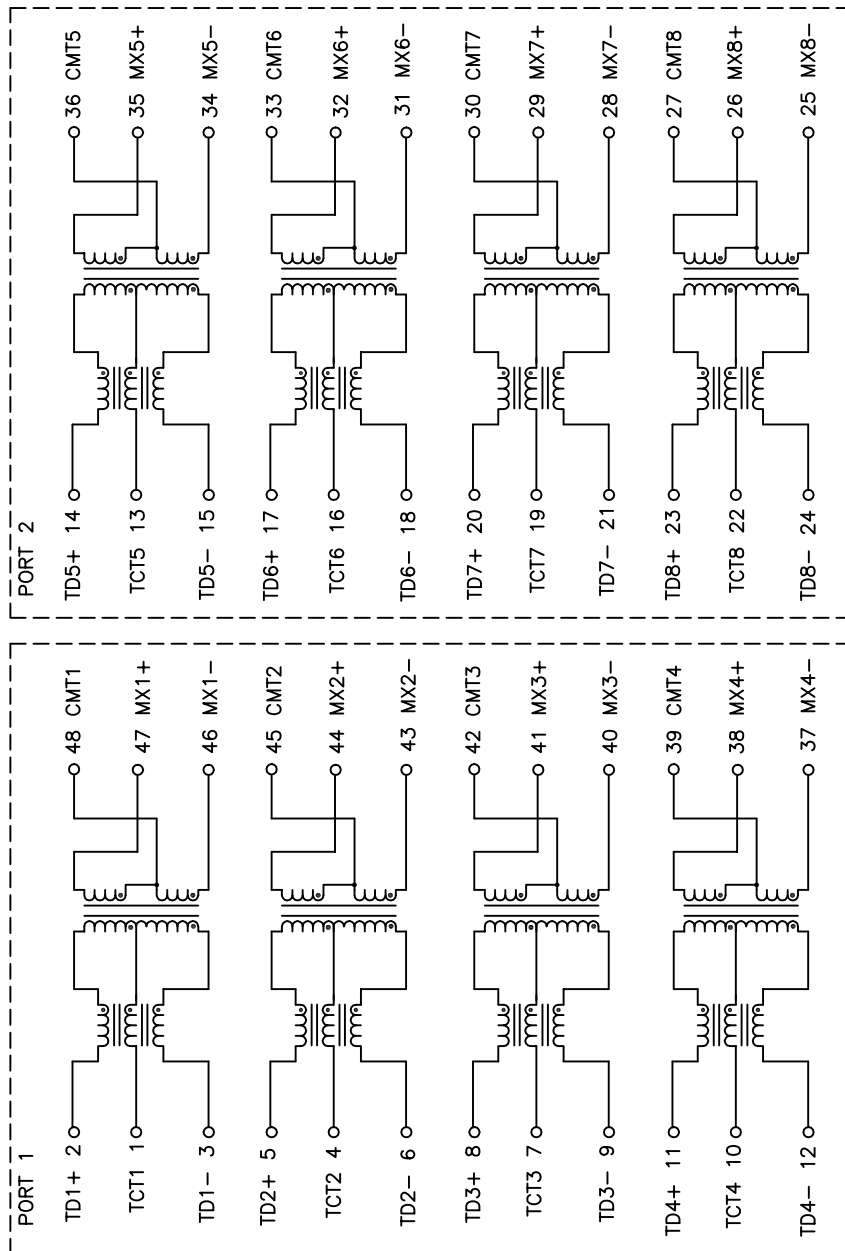
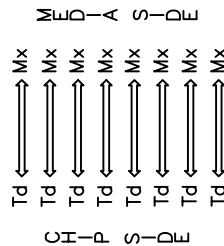


ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS
OPERATING TEMP	0°C – 70 °C
TURNS RATIO	1 : 1 ±3%
POLARITY	PER SCHEMATIC
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 –50+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
DIFFERENTIAL TO COMMON MODE REJECTION	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)
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS

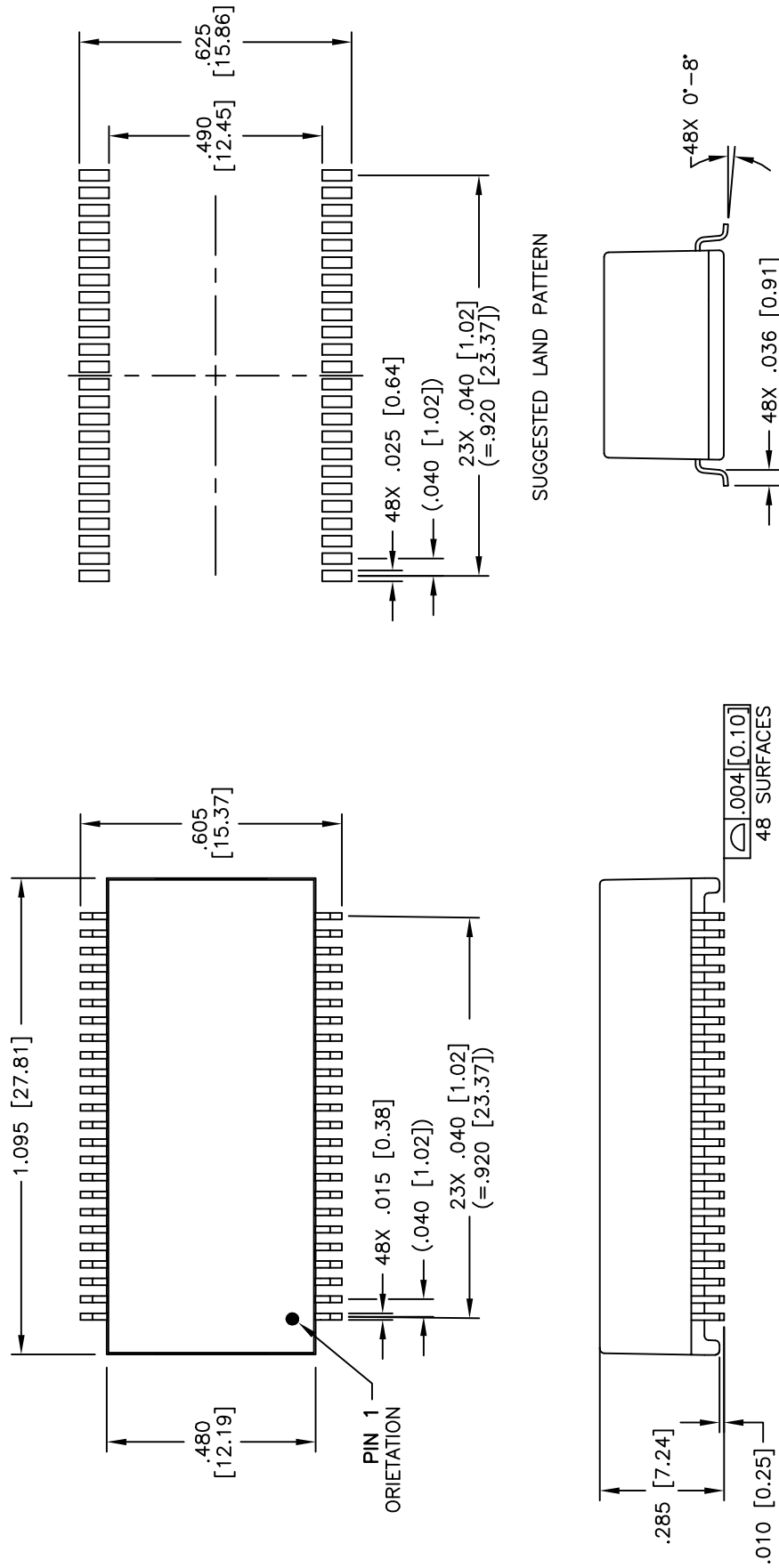
NOTE: f IS FREQUENCY IN MHz.

LEGEND



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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,DUAL,1GP,1:1,SM,TU	H6080NL-12	PS-2007.001-C	2 OF 3	H6080NL	A



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,1GP,1:1,SM,TU	H6080NL-12	PS-2007.001-C	3 OF 3	H6080NL	A