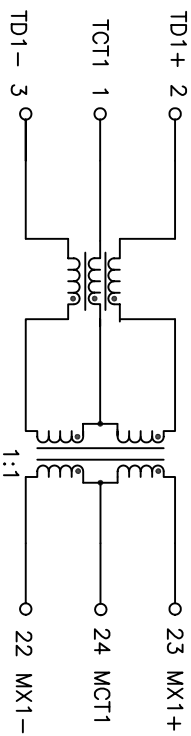
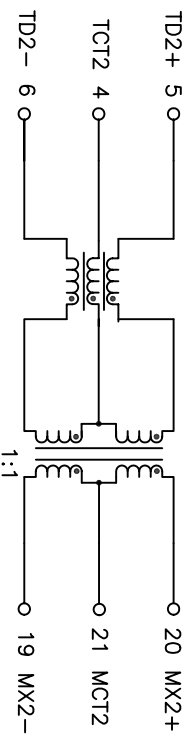


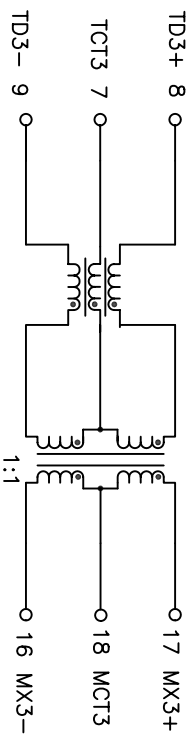
CHANNEL 1



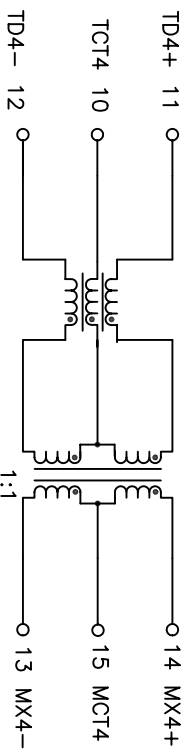
CHANNEL 2



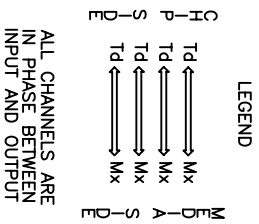
CHANNEL 3



CHANNEL 4



SCHEMATIC



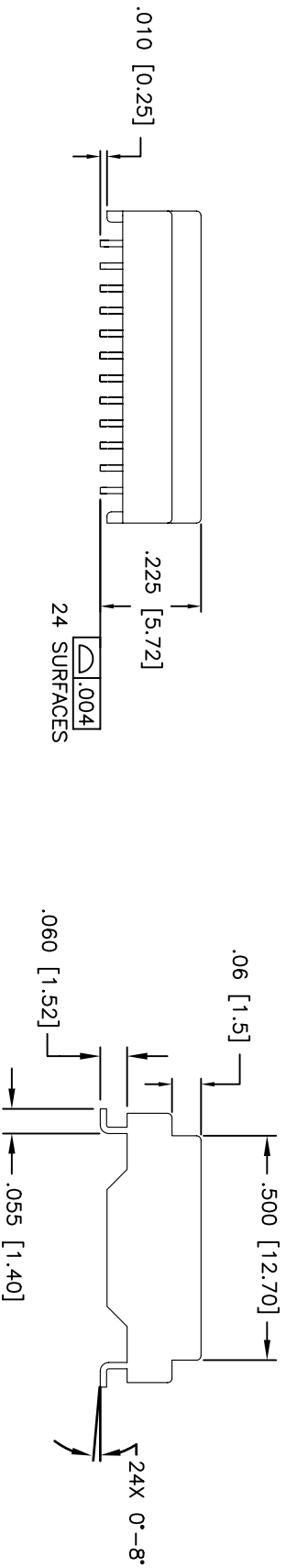
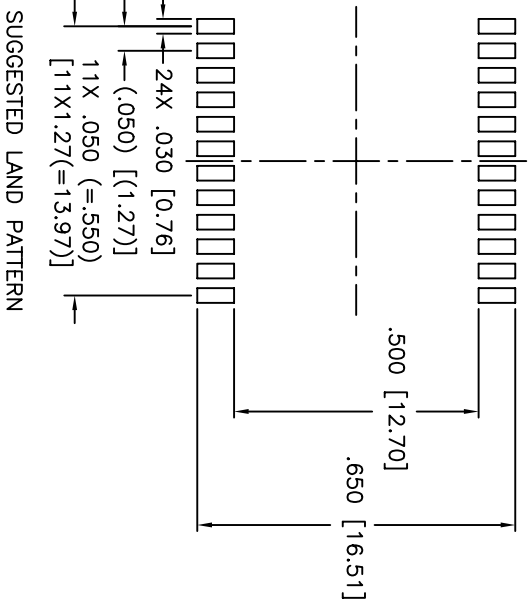
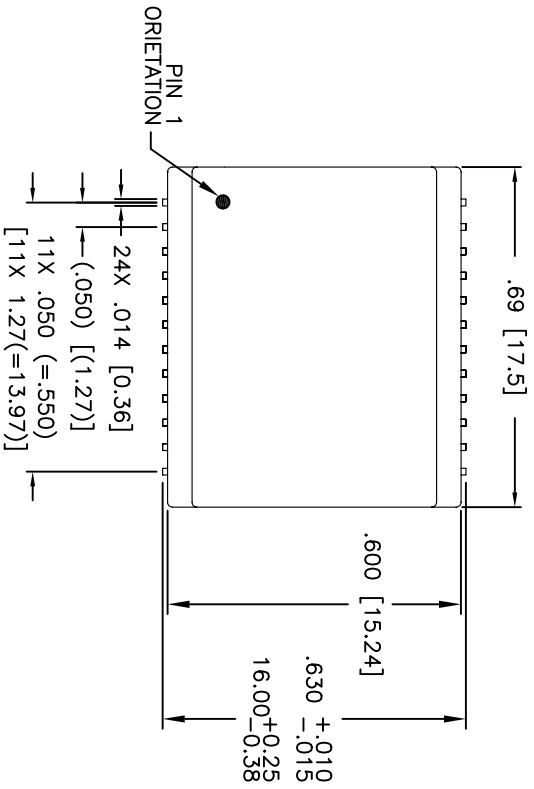
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS
OPERATING TEMP	0°C - 70 °C
TURNS RATIO	1 : 1 ±2%
POLARITY	PER SCHEMATIC
INSERTION LOSS	100 KHZ -1.2 DB MAX -0.2-0.002*f ^{1.4} DB MAX
RETURN LOSS	.1-40 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 -50 DB MIN -55+22*LOG ₁₀ (f/10) DB MIN
COMMON MODE REJECTION RATIO	2 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 @ 57V (CONTINUOUS)
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS

NOTE: f IS FREQUENCY IN MHZ.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,1GP,1:1,SM,TU	H6062FNL-10	PS-2597.001-C	2 OF 3	H6062FNL	A



DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
 .XX = ±.01 [±0.25]
 .XXX = ±.005 [±0.13]

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