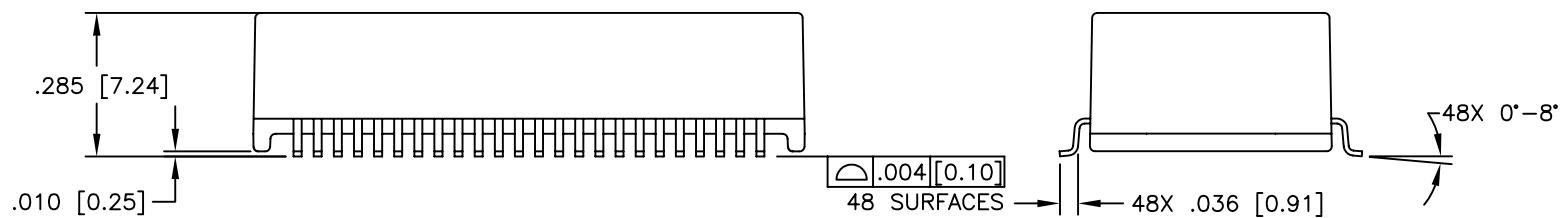
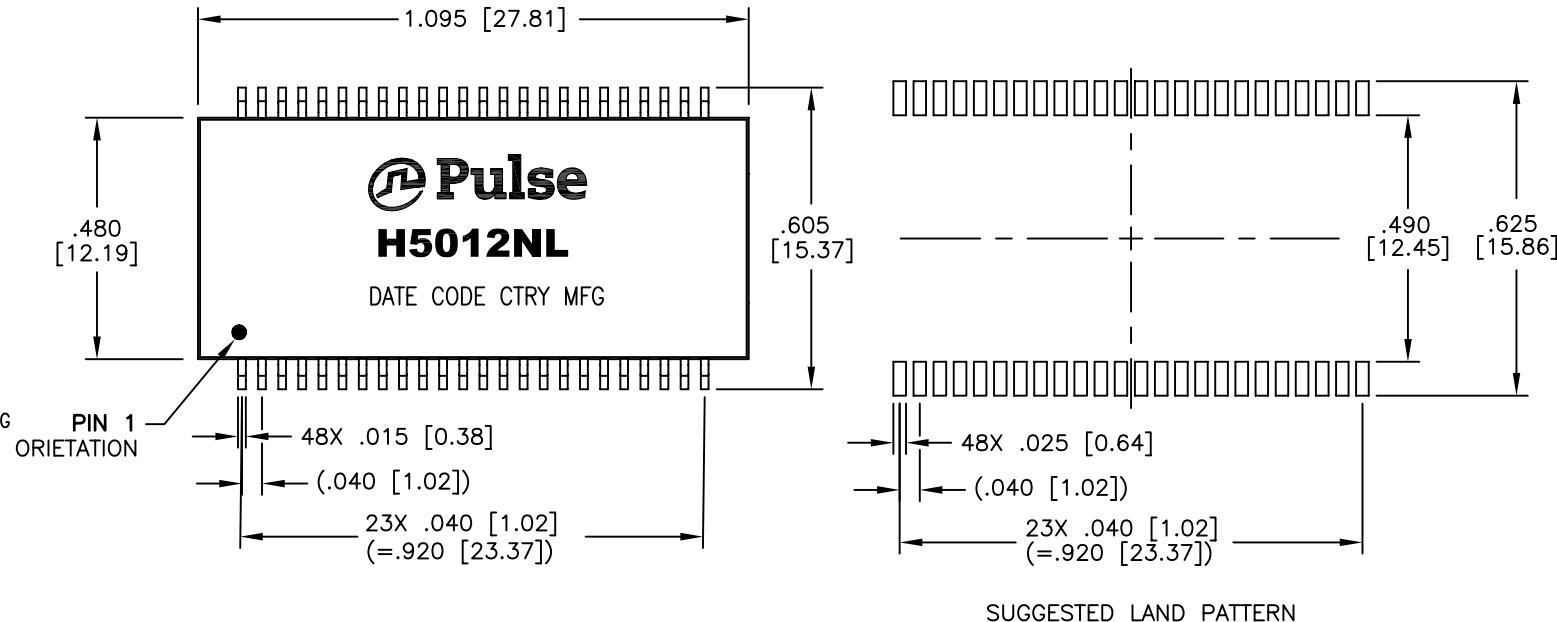


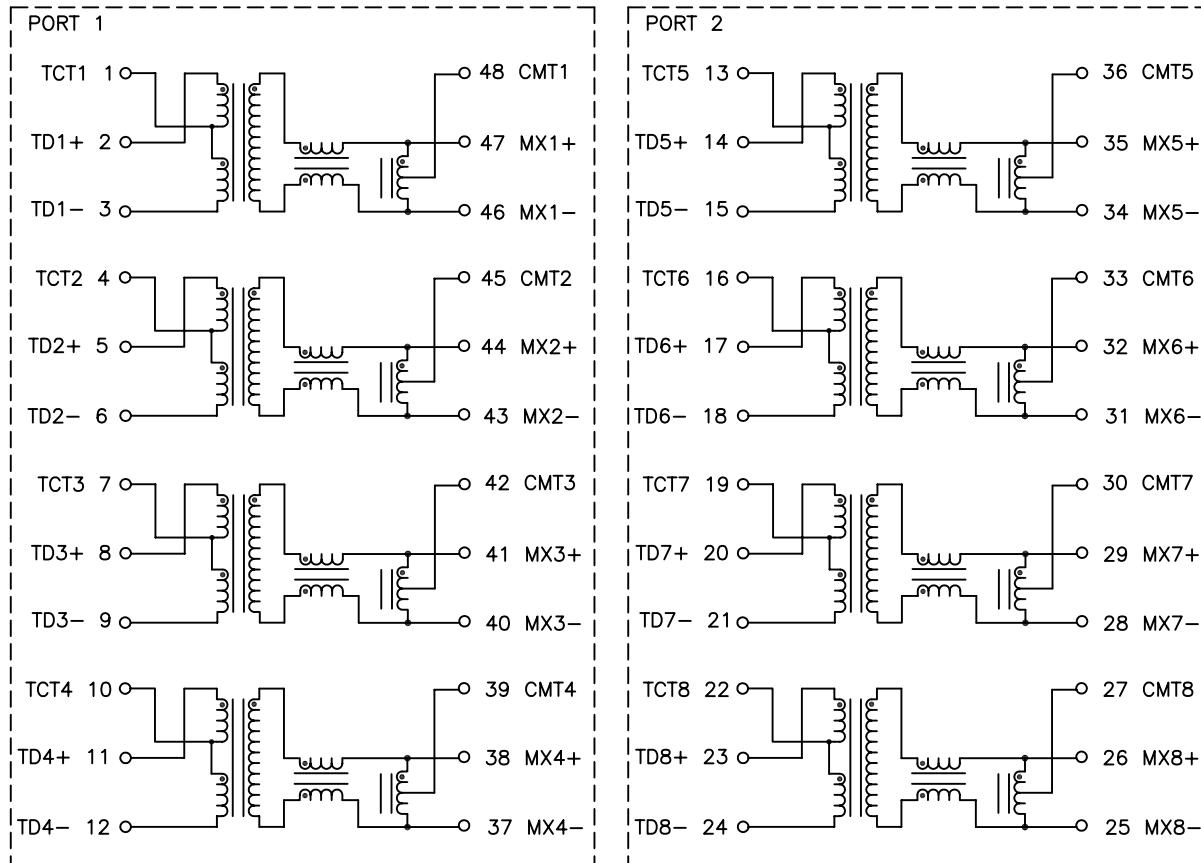
NOTES: UNLESS OTHERWISE SPECIFIED

1.

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT.
	ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
2. PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A
4. OPERATING TEMPERATURE: 0°C TO +70°C
5. STORAGE TEMPERATURE: -20°C TO +125°C
6. JEDEC MOISTURE: LEVEL 1.
7. DIMENSIONS ARE IN INCHES [MILLIMETERS] WITH THE FOLLOWING TOLERANCES: [MILLIMETERS] ARE FOR REFERENCE ONLY.
.XX= $\pm .02$ [± 0.5]
.XXX= $\pm .010$ [± 0.25]
8. NOT FOR SALE IN U.S.



ELECTRICAL CHARACTERISTICS AT +25°C



SCHEMATIC

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C – 70°C	
TURNS RATIO	1.0 ± 2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz -1.2 dB MAX	1–125 MHz -0.2–0.002*f ^{1.4} dB MAX
RETURN LOSS (Z _{OUT} = 100 OHM ±15%)	.1–40 MHz -16 dB MIN	40–100 MHz -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	10–100 MHz -55+22*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO	2 MHz -50 dB MIN	30–200 MHz -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	
C	Td ↔ Mx
H	Td ↔ Mx
P	Td ↔ Mx
S	Td ↔ Mx
D	Td ↔ Mx
E	Td ↔ Mx

ALL CHANNELS ARE
IN PHASE BETWEEN
INPUT AND OUTPUT

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

H5012 H5012T