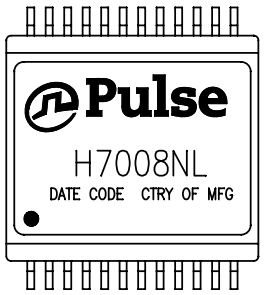
Pulse Electronics
www.pulseelectronics.com

NOTE: UNLESS OTHERWISE SPECIFIED

1.

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS ✓	



FINAL OUTLINE

2. HEADER: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V–0 OR BETTER.
3. SOLDERABILITY: CONFORMS TO ANSI/J–STD–002, IPC/EIS 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= ±.01 [±0.25]
   .XXX= ±.005 [±0.13]
8. REVISION: MX1,MX2, ... ARE PRELIMINARY.

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

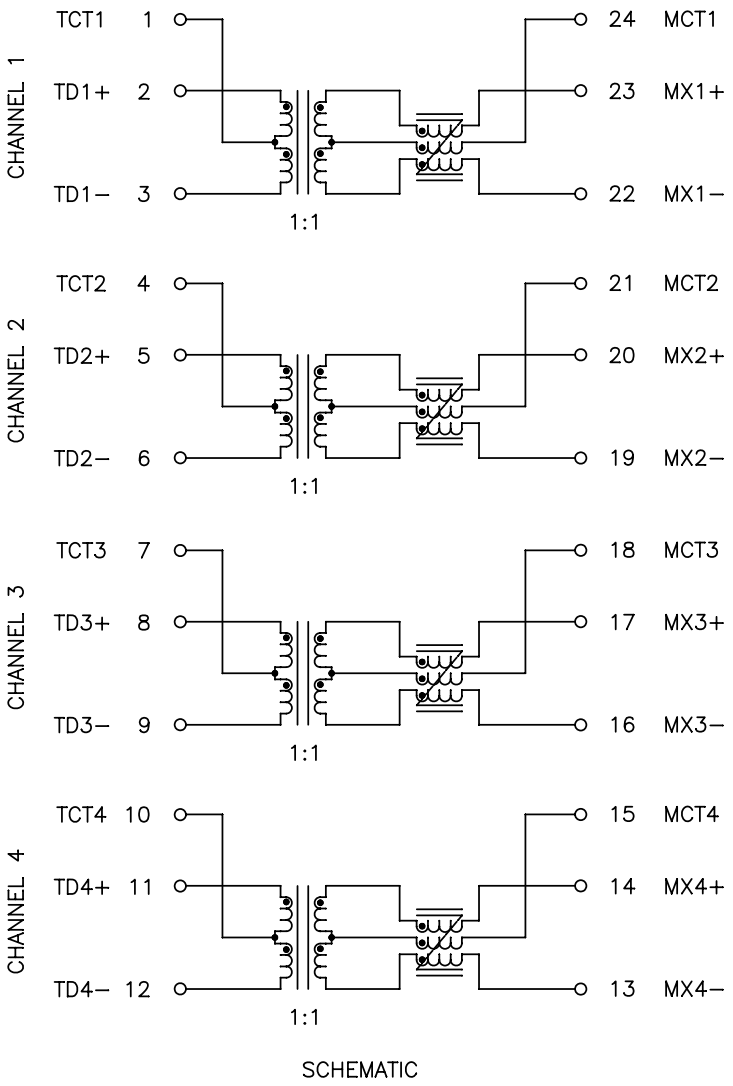
PARAMETER	SPECIFICATIONS		
INSERTION LOSS	100 KHz	1–500 MHz	
	–3.0 dB MAX	–1.0 dB MAX (–.6 dB TYP)	
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1–40 MHz	40 MHz–500 MHz	
	–18 dB MIN	–17 + 10*LOG (f/40)	
INDUCTANCE (OCL)	200 uH MIN @ 100 kHz, 100 mV		
CROSSTALK, ADJACENT CHANNELS	1–100 MHz	100–500 MHz	
	–40 dB MIN	–30 dB MIN	
COMMON MODE REJECTION RATIO	1–100 MHz	100–300 MHz	300–500 MHz
	–35 dB MIN	–30 dB MIN	–25 dB MIN
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1–250 MHz	250–500 MHz	
	–30 dB MIN	–22 dB MIN	
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS		

NOTE: f IS FREQUENCY IN MHz.

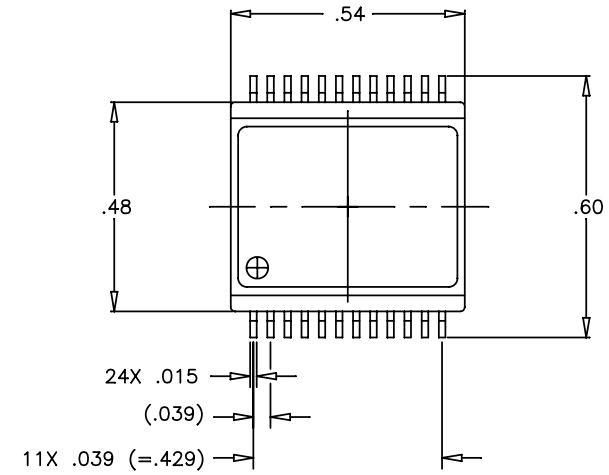
NOTE: TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX TO THE PART NUMBER(i.e H7008NL BECOMES H7008NLT).

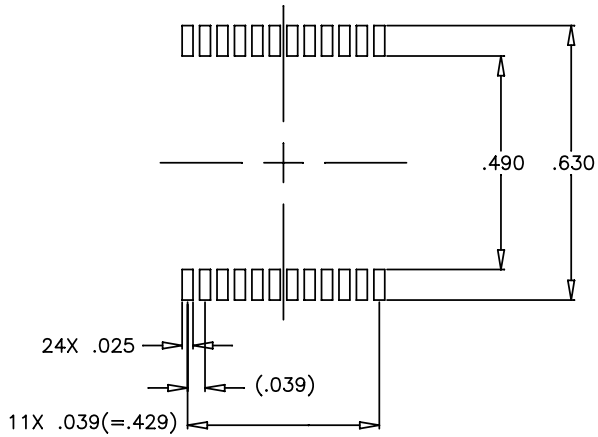
@ Copyright, 2010. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (03/01/12)

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,10G,1:1,SM	PS–2517.001–A	1	H7008NL	M12

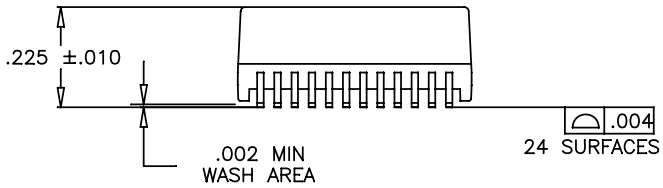


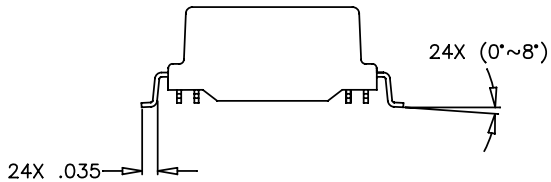
SCHEMATIC





SUGGESTED LAND PATTERN





© Copyright, 2010. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (03/01/12)

PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,SIN,10G,1:1,SM	PS–2517.001–A	2	H7008NL	M12