



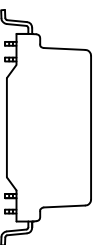
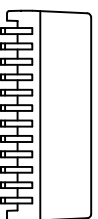
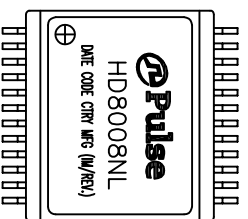
THE DATASHEET OF HD8008NLT



WITH FLAMMABILITY

AND TESTED WITH VALENS CHIPSET
+125°C

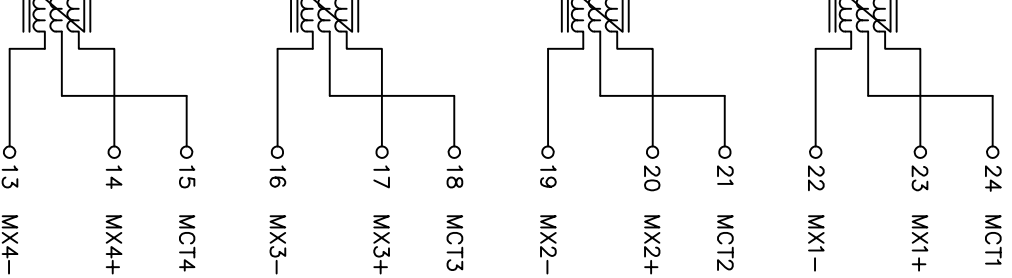
245°C REFLOW PROFILE
ATURE SENSITIVE
M THROUGH REFLOW SOLDER
G ADD A "T" SUFFIX
IL BECOMES HD8008NLT).



FINAL OUTLINE

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TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
HD8008NLT-P1	PS-2517.001-A	1 OF 3	HD8008NLT	C



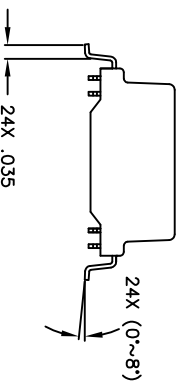
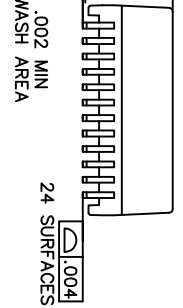
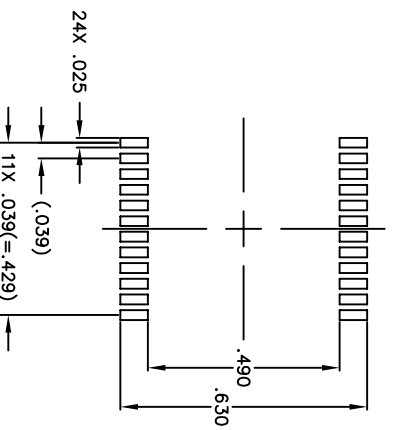
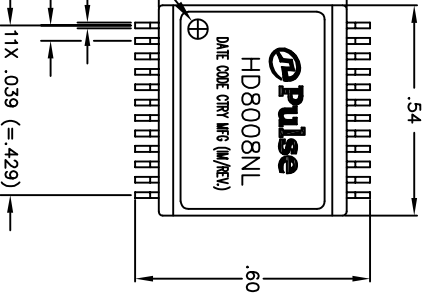
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS HDBASET SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMPERATURE	0°C TO 70°C	
TURNS RATIO	1.00 ± 2%	
POLARITY	PER SCHEMATIC	
	100 KHz	1-400 MHz
INSERTION LOSS	3.0 dB MAX	-1.5 dB MAX (-1.0 dB TYP)
	500 MHz	-3.0 dB MAX
RETURN LOSS (Z OUT = 100 OHM ± 1%)	1-40 MHz	40 MHz-500 MHz
	-18 dB MIN	-17 + 10*LOG (f/40)
INDUCTANCE (OCL)	100 uH MIN (MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 5 mA DC BIAS)	
CROSSTALK, ADJACENT CHANNELS	1-100 MHz	100-500 MHz
	-40 dB MIN	-30 dB MIN
COMMON MODE REJECTION RATIO	1-100 MHz	100-500 MHz
	300-500 MHz	300-500 MHz
COMMON TO DIFFERENTIAL MODE REJECTION (CDMR)	1-100 MHz	100-500 MHz
	-35 dB MIN	-30 dB MIN
DC CURRENT / VOLTAGE RATING	1-250 MHz	250-500 MHz
	-30 dB MIN	-22 dB MIN
INPUT - OUTPUT ISOLATION	TOTAL 600 mA MAX @ 57 V (CONTINUOUS) OR 300 mA MAX/PAIR @ 57 V (CONTINUOUS)	
	1500 VRMS MIN @ 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.

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TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
D8008NL-P1	PS-2517.001-A	2 OF 3	HD8008NL	C



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TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
HD8008NL-P1	PS-2517.001-A	3 OF 3	HD8008NL	C

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