

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

1500 VRMS MINIMUM AT 60 SECONDS	1500	INPUT - OUTPUT ISOLATION
350 mA, @ 57 V (CONTINUOUS)	350	DC CURRENT/VOLTAGE RATING — PSE PINS
OHMS MAXIMUM (CENTER TAP SYMMETRY)	±.065 OHMS	DC RESISTANCE IMBALANCE
.65 OHMS MAXIMUM		DC RESISTANCE, 1/2 WINDING
-15+20*LOG 10(f/200) dB MINIMUM	-50 dB MIN	REJECTION RATIO
30-200 MHz	2 MHz	COMMON MODE
-55+22*LOG <sub>10</sub> (f/10) dB MINIMUM	-50 dB MIN	CROSSTALK, ADJACENT CHANNELS
10-100 MHz	1 MHz	
(MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS	350 uH MIN	INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)
-10+20*LOG <sub>10</sub> (f/80 MHz) dB MINIMUM	-16 dB MIN	(Z OUT=100 OHM ±15%)
40-100 MHz	.1-40 MHz	RETURN LOSS
-0.2-0.002*f^1.4 dB MAXIMUM	-1.2 dB MAX	INSERTION LOSS
1-125 MHz	100 KHz	
PER SCHEMATIC		POLARITY
1: 1 ±2%		TURNS RATIO
0°C TO +70°C		OPERATING TEMP
SPECIFICATIONS		PARAMETER

NOTE: f IS FREQUENCY IN MHz.

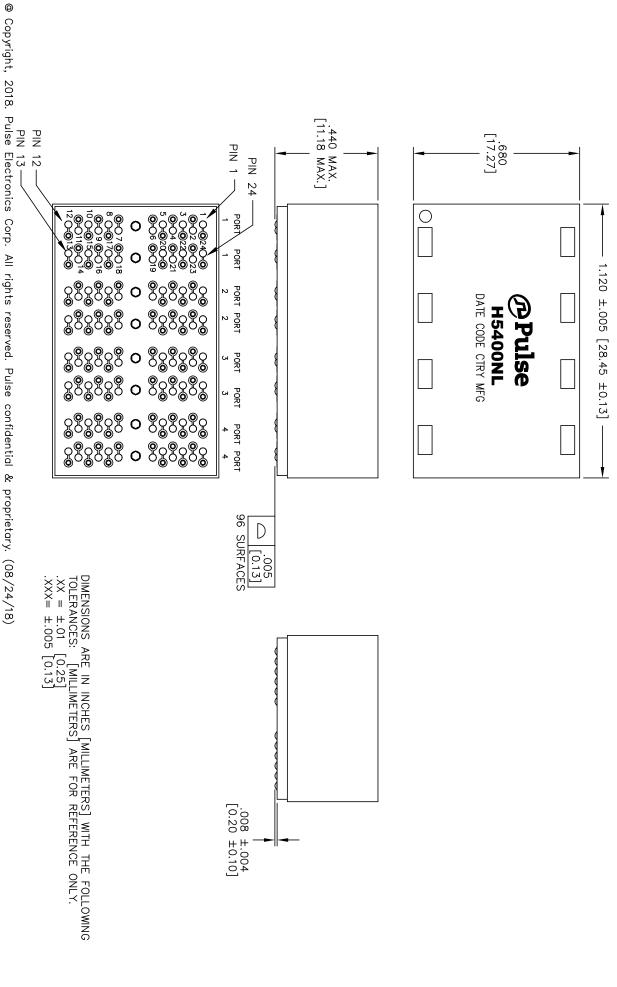
Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (08/24/18)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,QUAD,1GP,1:1,SM,TU	H5400NL-14	PS-2435.001-E	2 OF 4	H5400NL	В

PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768







MDL,QUAD,1GP,1:1,SM,TU PRODUCT DESCRIPTION

H5400NL-14 TLA DRAWING

PS-2435.001-E PS DRAWING

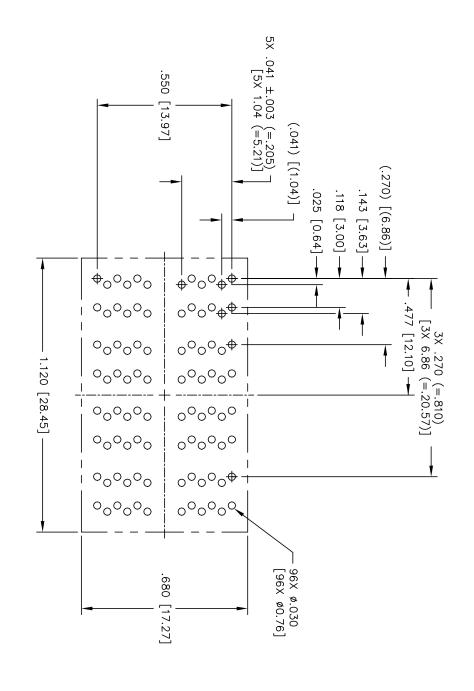
3 OF 4 SHEET

H5400NL PART NO.





PUISE Electronics www.pulseelectronics.com



SUGGESTED PCB LAYOUT

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

Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (08/24/18)

MDL, QUAD, 1GP, 1:1, SM, TU PRODUCT DESCRIPTION H5400NL-14 TLA DRAWING PS-2435.001-E PS DRAWING 4 OF 4 SHEET H5400NL PART NO. DATASHEET REV.

E-MAIL:PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PUI SFFI FCTRONICS.COM(Asia)

PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINCAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768