



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HX5084NL

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NOTICE: THE INFORMATION AND DESIGN CONTAINED HEREIN IS THE PROPERTY OF PULSE WHO RESERVES ALL RIGHTS THERETO.

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1.		WARNING: THIS COMPONENT IS RECOGNIZED BY ONE OR MORE SAFETY AGENCIES SUCH AS UL, VDE, CSA AND/OR TUV. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER QUALITY DEPARTMENT FOR SAFETY AGENCY COMPLIANCE.	ECN APPROVAL:
			QA APPROVAL:
			DATE:

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

- 3. HEADER: THERMOPLASTIC MATERIAL WITH FLAMMABILITY RATING 94V-0 OR BETTER.
- 4. TERMINAL PINS: COPPER ALLOY.
- 5. PCB CONTACTS SOLDER AREA: SN100C TIN PLATING.
- 6. SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, IPC/EIA J-STD-003A.
- 7. OPERATING TEMPERATURE: -40°C TO +85°C
- 8. STORAGE TEMPERATURE: -55°C TO +125°C
- 9. JEDEC MOISTURE: LEVEL 1

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		DATASHEET	
SIZE	CAGE CODE	DWG. NO.	REV.
B	01961	HX5084NL	M2
SCALE	CADD FILE	SHEET	1 OF 3
NONE	HX5084NL-1		

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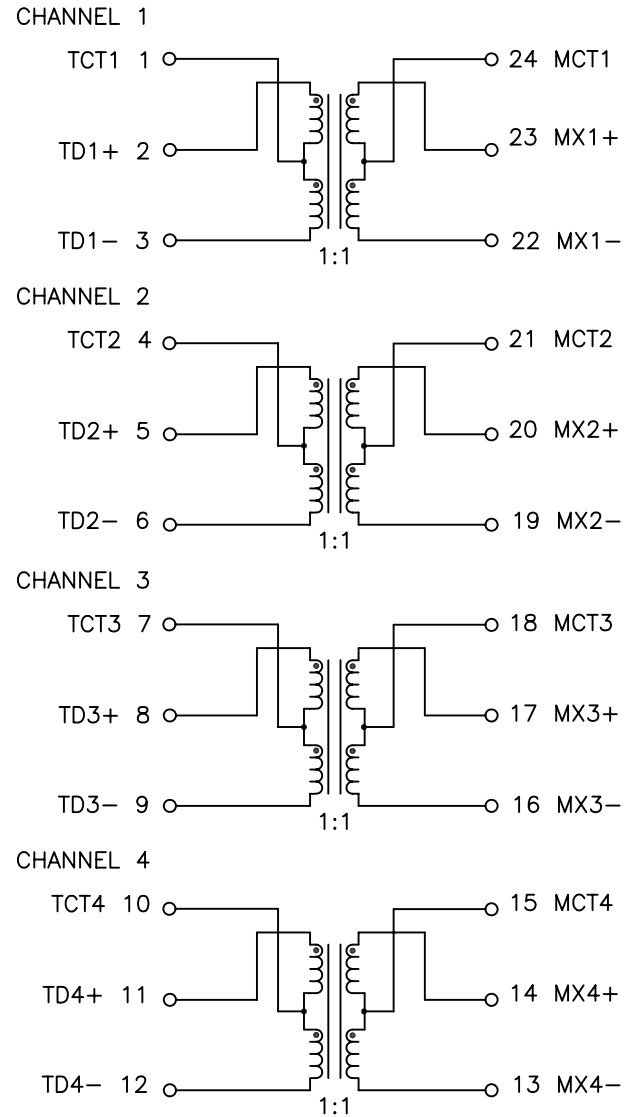
HX5084NL

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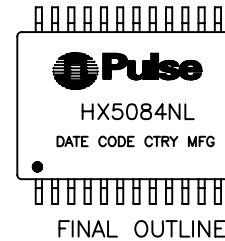
ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS	
	100 KHz	1-125 MHz
INSERTION LOSS	-1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX
	.1-40 MHz	40-100 MHz
RETURN LOSS (Z OUT = 100 OHM ±15%)	-16 dB MIN	-10+20*LOG ₁₀ (f/80 MHz) dB MIN
	INDUCTANCE (OCL) (MEDIA SIDE, -40°C-85°C)	
350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)		
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz
	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz
	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.



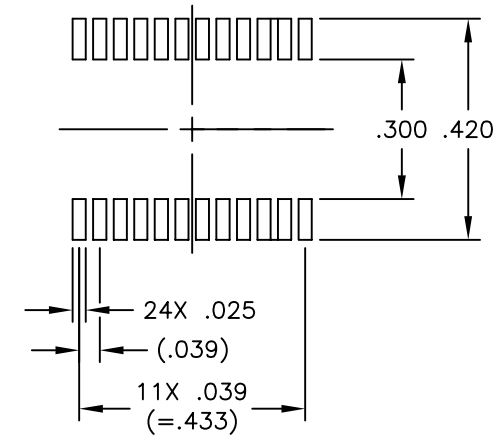
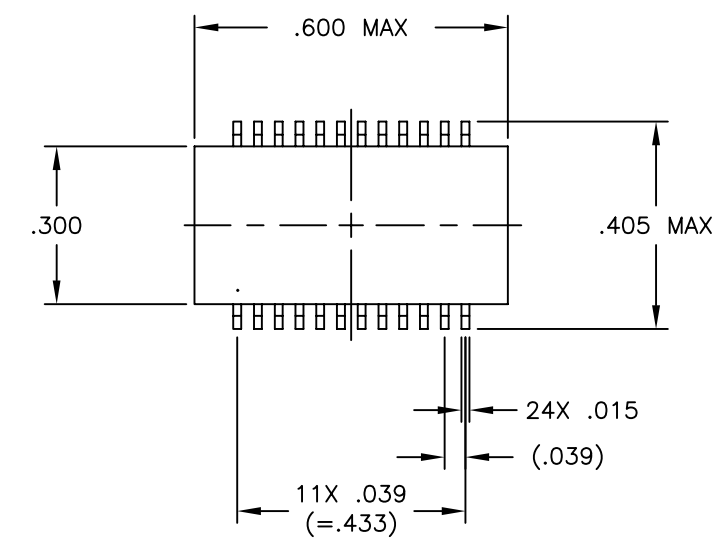
SCHEMATIC



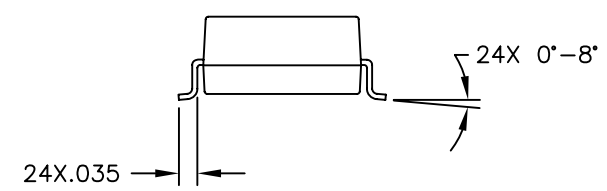
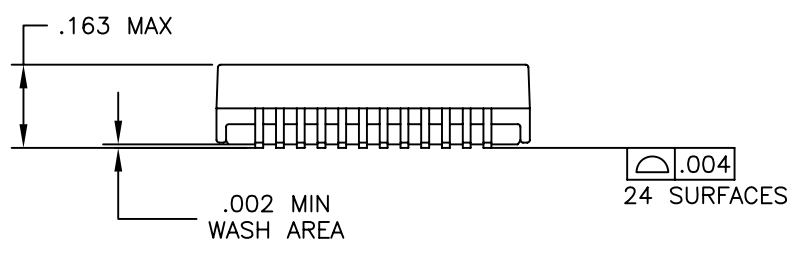
SIZE	CAGE CODE	DWG. NO.	REV.
B	01961	HX5084NL	M2
SCALE	CADD FILE	SHEET	
NONE	HX5084NL-2	2 OF 3	

HX5084NL

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SUGGESTED LAND PATTERN



UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 DECIMALS ± .01
 .XXX ± .005
 ANGLES ± 1°
 DO NOT SCALE DRAWING

SIZE	CAGE CODE	DWG. NO.	REV.
A301961		HX5084NL	M2
SCALE	CADD FILE	SHEET	
NONE	HX5084NL-3	3 OF 3	

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