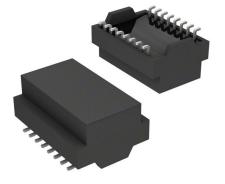


# **HX2326FNL Datasheet**

www.digi-electronics.com

Ma



HX2326FNL-D
Pulse Electron
HX2326FNL
PULSE XFMR 1
120µН, 350µН er 1CT:1CT Tra ount

G

nics

CT:1CT TX/RX

LAN 10/100 Base-T Pulse Transform ansmitter, 1CT:1CT Receiver Surface M

https://www.DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.



## Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
HX2326FNL	Pulse Electronics
Series:	Product Status:
-	Active
Transformer Type:	Inductance:
LAN 10/100 Base-T	120µН, 350µН
ET (Volt-Time):	Turns Ratio - Primary:Secondary:
	1CT:1CT Transmitter, 1CT:1CT Receiver
Mounting Type:	Size / Dimension:
Surface Mount	0.500" L x 0.358" W (12.70mm x 9.09mm)
Height - Seated (Max):	Operating Temperature:
0.236" (5.99mm)	-40°C ~ 85°C
Weight:	

# **Environmental & Export classification**

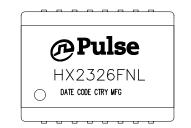
RoHS Status:	Moisture Sensitivity Level (MSL):
RoHS Compliant	1 (Unlimited)
REACH Status:	ECCN:
REACH Unaffected	EAR99
HTSUS:	
8504.31.2000	

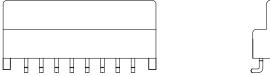


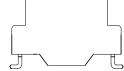


#### NOTES:

- 1. ROHS COMPLIANT
- 2. HEADER: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.
- 3. STORAGE TEMPERATURE: -50°C TO +125°C
- 4. COMPLIANCE TO J-STD:
  - A. J-STD-002: SOLDERABILITY AT 245°C REFLOW PROFILE
  - B. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - C. J-STD-075: R7, 245°C MAXIMUM THROUGH REFLOW SOLDER
- 5. TO ORDER TAPE & REEL PACKAGING ADD A "T" SUFFIX
  - TO THE PART NUMBER(i.e HX2326FNL BECOMES HX2326FNLT).







FINAL OUTLINE

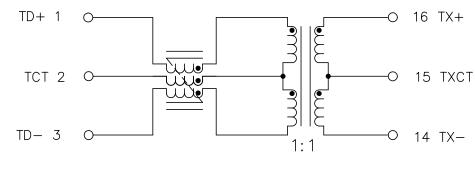
## © Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (08/27/18)

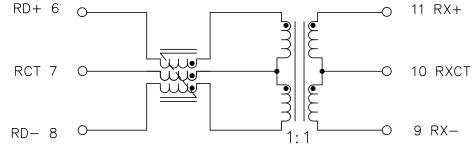
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100PP,1:1,SMT	HX2326FNL-11	PS-2005.002-F	1 OF 3	HX2326FNL	А

E-MAIL:PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(Asia) PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768









SCHEMATIC

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

PARAMETER		SPECIFICATIONS	
OPERATING TEMP	-40°C TO +85°C		
TURNS RATIO	1.00 ± 2%		
POLARITY		PER SCHEMATIC	
	100 KHz	1—125 M⊦	lz
INSERTION LOSS	-1.2 dB MAX	-0.2-0.002*f <sup>^1.4</sup>	dB MAX
RETURN LOSS, 1000BT	.1-30 MHz	30-60 MHz	60-80 MHz
$(Z \text{ OUT} = 100 \text{ OHM } \pm 15\%)$	-16 dB MIN	-10+20*LOG <sub>10</sub> (f/60 MHz) dB MIN	-10 dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, AT 100KHz, 0.1Vac -40°C ~ +85°C)		WITH 8mA DC BIAS WITH 19mA DC BIAS	
	1 MHz	10-100 MH	Ηz
CROSSTALK, ADJACENT CHANNELS	-50 dB MIN	-55+22*LOG <sub>10</sub> (f/10	) dB MIN
	2 MHz	30-200 M	Hz
COMMON MODE REJECTION RATIO	-45 dB MIN	-7+28*LOG <sub>10</sub> (f/2	00) dB MIN
DC RESISTANCE, 1/2 WINDING	.75 OHMS MAX		
DC RESISTANCE IMBALANCE	±.065 OHMS	S MAX (CENTER TAP	SYMMETRY)
DC CURRENT/VOLTAGE RATING – PSE PINS	600 m	A, @ 57 V (CONTINU	OUS)
INPUT – OUTPUT ISOLATION	1500 VRMS MIN AT 60 SECONDS		

NOTES: f IS FREQUENCY IN MHz.

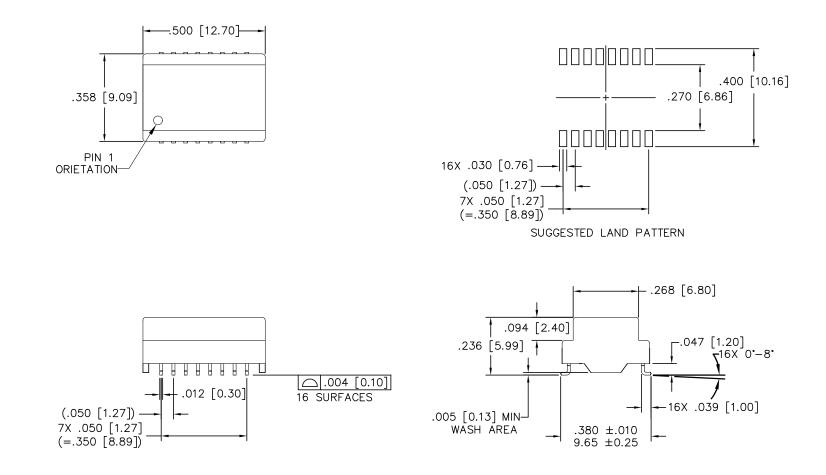
## © Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (08/27/18)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100PP,1:1,SMT	HX2326FNL-11	PS-2005.002-F	2 OF 3	HX2326FNL	A

E-MAIL:PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(Asia) PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768







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

© Copyright, 2018. Pulse Electronics Corp. All rights reserved. Pulse confidential & proprietary. (08/27/18)

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
MDL,SIN,100PP,1:1,SMT	HX2326FNL-11	PS-2005.002-F	3 OF 3	HX2326FNL	А

E-MAIL:PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(Asia) PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768



# **OUR CERTIFICATE**

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we striciy control the quality of products and services. Welcome your RFQ to Email: Info@DiGi-Electronics.com

DCI	DCI		
QUALITY MANAGEMENT SYSTEM CERTIFICATE	ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE	OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM CERTIFICATE	の可能可能可能 CERTIFICATE OF INCORPORATION
DIGI ELECTRONICS HK LIMITED	DIGI ELECTRONICS HK LIMITED	DIGI ELECTRONICS HK LIMITED	A. A. B. A. B. W. Hanniby and By that
RATINGS SHE IN HIS COMMERCIAL EXTREMENTAL AND STREET, MONGHO	PLATENTS 207, HO HOR COMMITTEE CALLES HAVE VER CHEET, MONORO	FLATENUE 207, HO HOUS COMPETENCE OF THE 2 MAYA VIEW STREET, MONGAO	DELERATIONCE INCLAMPSO 网络電子性者作用公司
GB/T 19001-2016 ktt ISO9001:2015	GB/T 24001-2016 idt ISO14001:2015	GB/T45001-2020 idt ISO45001:2018	$0 \rightarrow 0$ B, B $\rightarrow 0$ A, H B 122 B $\subset \odot$ G $\rightarrow H >$ 11 DN: Any Incorporated In Namy Early under the Comparise Ordinaria $A \rightarrow 0$ , $A \rightarrow A \rightarrow B$ , $A \rightarrow A \rightarrow C \rightarrow C + C \rightarrow N$ (Theoret T22 D for Larms of Hong Kong, and Balling Compare is
Ref Ref Participation components	Retto namenare	For the Index of all interviews	Constant with in the Last in Yang Wong, and the lost dompany is it is a lost a limited company.
tankan motor make monotosi mar monotosi mar mar monotosi mar monotosi mar monotosi monotosi mar monotosi mot	tomantener men photosener men metalementener meneration Manalit	torinamientes 2008 Inter land can Can 2008-000-00 Jacobierto Maria Maria	★ # 4 # 0 ± 0 − Λ + − Λ ± + ± + # ± − Name# 04. 12 heavy 200.
			Oldentrikalis or in edit a kale or Min. Au L. L. DERING Programmer Auguston Mingrade Specific Automatistrature Auguston
In the second se	The second secon	Control tests of a state of the state o	In Heps: 公司各場合公司中局工作用:工作品中提供学校公司名表式市场大型公司者包括基本中 工程品名提用: TableAdd #: TableAdd #: TableAdd #: TableAdd #: TableA





Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.