

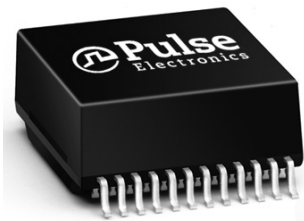


**THE DATASHEET OF
HX6106NLT**



LAN Product

Single Port PoE-ultra Gigabit Module



- High Power rated Gigabit Module supports 48W over 2 pair (850mA at 57V) continuous
- Industry Standard SMD Package and Footprint
- 245°C Peak Reflow Solder Temperature

Electrical Specifications @ 25°C - Operating Temperature -40°C to +85°C, Storage Temperature -55°C to 125°C

Part Number	OCL * @ 25mA DC Bias (uH min)	Insertion Loss* 1-100MHz (dB MAX)	Return Loss* (dB min) (Z=100Ω)					DCMR (dB MIN)	DCR (dB MIN)				Hi-Pot (V _{RMS})
			1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz		0.1 to 100 MHz	30 MHz	60 MHz	100 MHz	
HX6106NL	350	1.4	-18	-16	-14	-10	-8	-33	-43	-37	-33	1500	

Notes:

* Tested and specified at 25°C +/- 10°C

Mechanical

Schematic

HX6106NL

Weight1.9 grams
Tape & Reel250/reel
Tube Qty25 pcs
Dimensions: $\frac{\text{Inches}}{\text{mm}}$
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

LEGEND

T _d	↔	M _x	MEDIA SIDE
T _d	↔	M _x	
T _d	↔	M _x	
T _d	↔	M _x	

CHIP SIDEMEDIA SIDE

For More Information

Pulse Worldwide Headquarters
12220 World Trade Drive
San Diego, CA 92128
U.S.A.

Pulse Europe
Zeppelinstrasse 15
D-71083 Herrenberg
Germany

Pulse China Headquarters
B402, Shenzhen Academy of
Aerospace Technology Bldg.
10th Kejinan Road
High-Tech Zone
Nanshan District
Shenzhen, PR China 518057
Tel: 86 755 33966678
Fax: 86 755 33966700

Pulse North China
Room 2704/2705
Super Ocean Finance Ctr.
2067 Yan An Road West
Shanghai 200336
China

Tel: 86 21 62787060
Fax: 86 2162786973

Pulse South Asia
135 Joo Seng Road
#03-02
PM Industrial Bldg.
Singapore 368363

Tel: 65 6287 8998
Fax: 65 6287 8998

Pulse North Asia
3F, No. 198
Zhongyuan Road
Zhongli City
Taoyuan County 320
Taiwan R. O. C.
Tel: 886 3 4356768
Fax: 886 3 4356823 (Pulse)
Fax: 886 3 4356820 (FRE)

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